DOE/SNF/REP-060
Revision 0

# United States Department of Energy

## Office of Environmental Management

# Fort Saint Vrain HTGR (Th/U carbide) Fuel Characteristics for Disposal Criticality Analysis


**January 2001**

**U.S. Department of Energy**
**Assistant Secretary for Environmental Management**
**Office of Nuclear Material and Spent Fuel**

**This report was developed and is controlled under a quality assurance program that satisfies the requirements of the National Spent Nuclear Fuel Program and DOE/RW-0333P, Office of Civilian Radioactive Waste Management Quality Assurance Requirements Description (QARD). Unless noted otherwise, information presented is based on existing data (as defined in NUREG-1298).**

# ASSIGNMENT PAGE

# Fort Saint Vrain HTGR (Th/U carbide) Fuel Characteristics for Disposal Criticality Analysis

DOCUMENT IDENTIFICATION NUMBER: _____

DOCUMENT COPY NUMBER:_____

DOCUMENT HOLDER:_____
NAME OR POSITION

DOCUMENT CONDITION STATEMENT

This document is subject to formal change control, audit, and recall; therefore, it should be carefully maintained and kept readily available. The holder identified above is responsible for maintaining this document in an up-to-date conditioning by incorporating subsequent revisions as they become available. This document is property of DOE-EM. On request, reassignment that ends the need for the document, or termination of employment with the DOE-EM, this document must be returned to the NSNF Document Control Coordinator at the following address:

**NSNF Document Control Coordinator**
**Bechtel BWXT Idaho, LLC**
**P. O. Box 1625**
**Idaho Falls, ID 83415-3140**

**Phone: (208) 526-6837**
**Fax: (208)-526-3730**

**DOE/SNF/REP-060**
**Revision 0**

# Fort Saint Vrain HTGR (Th/U carbide) Fuel Characteristics for Disposal Criticality Analysis

**L. L. Taylor**

**January 2001**

**Idaho National Engineering and Environmental Laboratory**
**Idaho Falls, Idaho 83415**

**Prepared for the**
**U.S. Department of Energy**
**Assistant Secretary for Environmental Management**
**Under DOE Idaho Operations Office**
**Contract No. DE-AC07-99ID13727**

# Fort Saint Vrain HTGR (Th/U carbide) Fuel Characteristics for Disposal Criticality Analysis

## January 2001

| | |
|---|---|
| | **Date:** |
| **National Spent Nuclear Fuel Program**<br>**Document Preparer** | |
| | **Date:** |
| **National Spent Nuclear Fuel Program**<br>**Project Manager/Technical Lead** | |
| | **Date:** |
| **National Spent Nuclear Fuel Program**<br>**Quality Assurance Technical Specialist** | |
| | **Date:** |
| **National Spent Nuclear Fuel Program**<br>**Program Support Manager** | |
| | **Date:** |
| **National Spent Nuclear Fuel Program**<br>**Manager** | |

# ABSTRACT

DOE-owned spent nuclear fuels encompass many fuel types. In an effort to facilitate criticality analysis for these various fuel types, they were categorized into eight characteristic fuel groups with emphasis on fuel matrix composition. Out of each fuel group, a representative fuel type was chosen for analysis as a bounding case within that fuel group. Generally, burnup data, fissile enrichments and total fuel mass govern the selection of the representative or candidate fuel within that group.

For the HTGR group, the Fort Saint Vrain (FSV) reactor fuel has been chosen for the evaluation of viability for waste co-disposal. The FSV reactor was operated by Public Service of Colorado as a licensed power reactor. The FSV fuel employs a U/Th carbide matrix in individually pyrolytic carbon-coated particles. These individual particles are in turn coated with silicon carbide (SiC) and contained within fuel compacts, that are in turn embedded in graphite blocks that comprised the structural core of the reactor.

# TABLE OF CONTENTS

# FIGURES



# TABLES

# TERMS AND ACRONYMS

## Terms

burnup - is a measure of the amount of fissile material consumed before the fuel element is removed from the reactor

converter reactor - a nuclear reactor which yields (on an atom-for-atom basis) nearly as many new fissile atoms in a breeding cycle as are fissioned in the reactor.

fertile - material, that after neutron capture(s) and decay, becomes fissionable

fissile - materials which will undergo fission with neutrons of any energy

## Acronyms / Abbreviations

BOL - beginning-of-life

DOE - Department of Energy

EOL - end-of-life

FHU - Fuel Handling Unit

FSV - Ft. St. Vrain

FSVR – Ft. St. Vrain reactor

HTGR - High Temperature Gas Cooled Reactor

ICPP - Idaho Chemical Processing Plant

INEEL - Idaho National Engineering and Environmental Laboratory

INTEC – Idaho Nuclear Technology & Engineering Center (formerly ICPP)

MTHM - metric ton heavy metal

NRC – Nuclear Regulatory Commission

PIE - post-irradiation examination

SNF - spent nuclear fuel

SRP - Savannah River Plant

TBD - to be determined

TBV - to be verified

# 1. INTRODUCTION

## 1.1 Fort Saint Vrain High Temperature Gas Cooled Reactor, FSVR

The AEC, now the Department of Energy (DOE), contracted with power companies and with Gulf General Atomics to jointly develop the commercial HTGR (High Temperature Gas Reactor). These HTGRs were based on the thorium fuel cycle in which fissile $^{233}U$ is produced from $^{232}Th$ 'fertile' material. Most of the stored carbide fuels came from two reactors, Peach Bottom 1 and Fort Saint Vrain (FSVR). A listing of graphite-based fuels is shown in Appendix A. All spent fuel discharged prior to December 31, 1988, is located at Idaho Nuclear Technology and Engineering Center (INTEC). Fuel removed from the FSVR core in 1989 and 1990 remains on-site at Ft. St. Vrain in temporary storage.

The Fort Saint Vrain HTGR (located in Platteville, Colorado) operated under a NRC license from 1974 to 1989, and was the nation's only commercial reactor of this type. The coolant gas was helium. The reactor had a rated power of 842 MW(t), but ran well below that rating for much of its lifetime. The plant had a net capacity of 330 MW. The core consisted of 1482 hexagonal fuel elements stacked in 6 layers. The initial core contained 774 kg of uranium at 93.5 % enrichment and 15,905 kg of thorium.[Ref. 4]

# 2. REACTOR FUEL INFORMATION

## 2.1 ANALYSIS PARAMETERS

### 2.1.1 DOE SNF Canister

A standard canister design has been proposed for use in the packaging, transport, and disposal of DOE SNF fuels. SNF canisters will be available in two lengths (10-ft and 15-ft) and two diameters (18-in. and 24-in.) (DOE 1998). Canisters of the smaller diameter are just large enough to accommodate the FSVR hexagonal fuel elements and, still provide a radial gap of minimum 14 mm. This characteristic recommends the 18-in canisters as the choice for the disposal of FSVR type of SNF. The 10-ft canister can accommodate three stacked FSV blocks, and a 15-ft canister can accommodate five stacked blocks. The use and modeling of the 15-ft canisters should represent a bounding case for fissile loading and provides an infinite cylinder model construct for criticality analysis.

The conceptual design for the DOE SNF canister is shown in Figure 2-1 [Ref. 14, pages 4 to 6 and Appendix A]. It is a right circular cylinder of stainless steel (Type316L). The canister must be able to stand vertically when placed on a flat surface after being loaded with the SNF. The dimensions for the DOE SNF canister are 457.2 mm (18.00-in.) outer diameter with a 9.525 mm (0.375-in.) wall thickness. The minimum inner diameter of the canister is 430 mm (16.93-in.). The minimum internal length of the canister is 2540 mm (100-in.) and the nominal overall length is 3000 mm (118.11-in.). The canister maximum total weight is 2270 kg. There is a curved-bottom, carbon steel rupture disk that varies in thickness from 15.24 mm (0.6-in) to 50.8 mm (2.0-in) at the top and bottom boundaries of the canister.

The 10-feet canister can take a load of maximum three FSVR fuel elements. The gap between the impact plate and a three-fuel elements stack is ≤168 mm. In the case that the 15-feet canister is used, the load is maximum five elements, with a corresponding axial gap ≤152 mm. Taking into consideration the small axial and radial gaps and, the interlocking features of FSVR fuel elements (described in paragraph 2.1.2.1), it has been assessed that no canister internals are needed for fuel separation within the package. A cross-sectional view of a FSVR fuel element stack inside the DOE SNF canister is shown in Fig. 2-2.

### 2.1.2 Fort Saint Vrain HTGR SNF

FSVR fuel consists of small particles (spheres of the order of 0.5-mm diameter) of uranium oxide or carbide. The particles are coated with multiple, thin layers of pyrolytic carbon (pyrocarbon) and silicon carbide, which serve as tiny pressure vessels to contain fission products and the U/Th carbide matrix. In FSVR fuel elements, the coated particles are bound in a carbonized matrix, which forms fuel rods or 'compacts' that are loaded into large hexagonal graphite prisms. The large graphite prisms (or blocks) are the physical forms that are handled in reactor loading and unloading operations, and which will be loaded into the SNF standard canisters. The solid graphite fuel form is capable of operating at very high temperatures, up to approximately 1200°C during normal reactor operation and up to 1600°C during short-term, severe accidents.

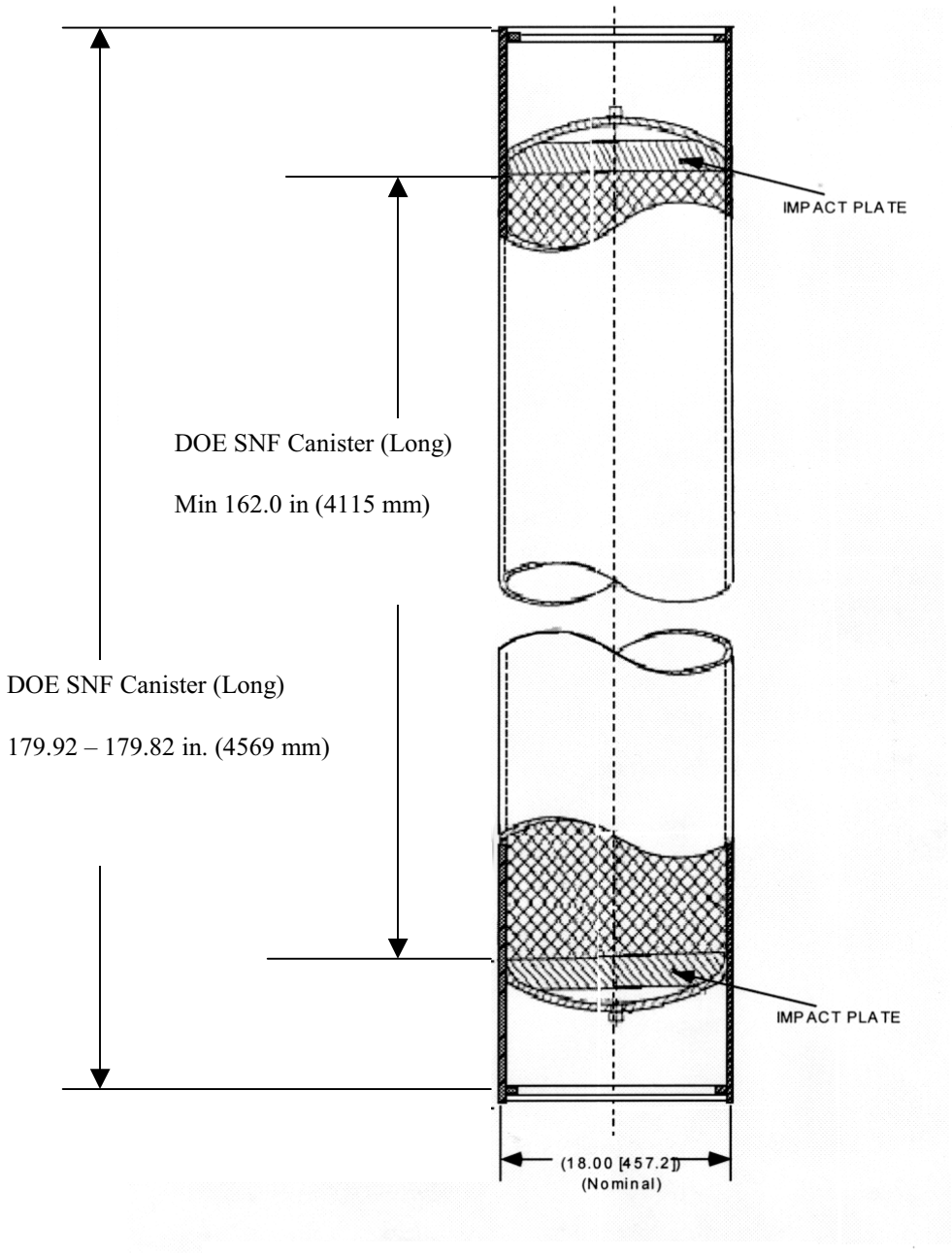



**Figure 2-1.** DOE SNF Canister Section View

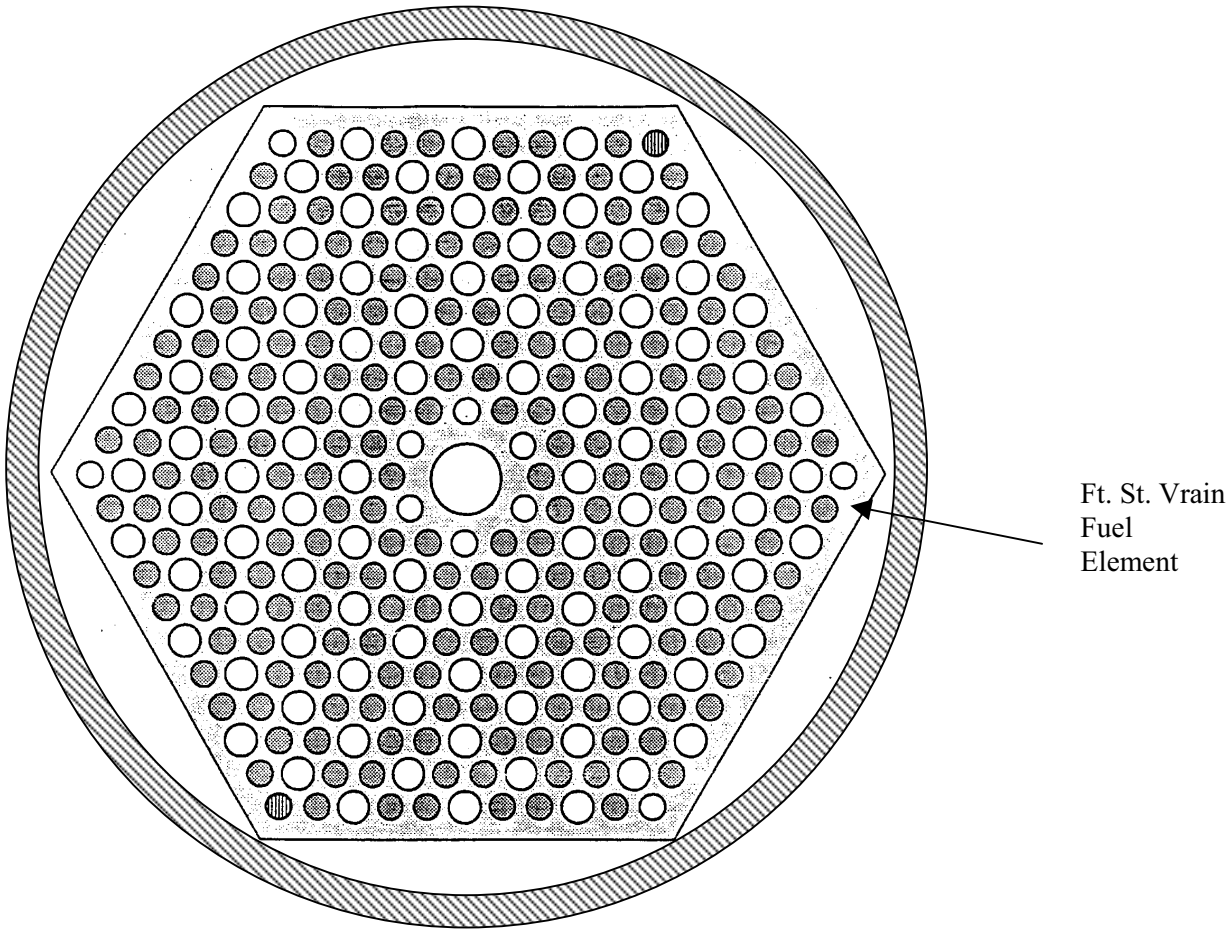



**Figure 2-2.** Cross-sectional Sketch of a FSVR Element in the DOE SNF Canister.

***2.1.2.1 Fuel Element Characteristics -*** There are four main types of FSVR fuel elements: standard elements, control elements, bottom control elements, and neutron source elements with the neutron sources removed. All four types are made of graphite and have the same external dimensions but differ in: weight, number of coolant holes, reactivity holes, and neutron source holes. No metallic components are present in the fuel elements. Descriptions of the physical characteristics of each element are shown in Table 2-1 [Ref. 4, p.4.2-1 to 4.2-21].

**Table 2-1.** Physical Characteristics of FSVR Fuel Elements

| Characteristics | Control Element | Bottom Control Element | Standard Element |
|---|---|---|---|
| Approximate Weight (with fuel compacts/matrix, kg) | 109 | 111 | 128 |
| Graphite body (kg) | 85 | 94 | 86 |
| Number of coolant holes (12.700 mm and 15.875 mm dia.) | 57 | 57 | 108 |
| Number of Fuel Holes (12.70 mm dia.) | 120 | 120 | 210 |
| Fuel Hole Pitch (mm) | 18.796 | 18.796 | 18.796 |
| Number of Control Rod Drive Holes (101.60 mm dia.) | 2 | 2 | 0 |
| Number of Reserve Shutdown Holes (95.25 mm) | 1 | 1 | 0 |

Note: The characteristics of the Standard Fuel Elements are also applicable to the Neutron Source Fuel Elements.

The FSVR graphite blocks for the initial core were machined from H-327 graphite manufactured by Great Lakes Carbon Corporation as 863.6 mm (34-in.) long by 457.2 mm (18-in.) diameter 'logs'. The graphite was produced from needle coke filler material, pitch blend, and additives processed to minimize impurity content (see Table 2-2). [Ref. 16, pg. 2-5]

**Table 2-2.** Impurity Content of H-327 Graphite [Ref. 16, pg. 2-6]

| Element | Impurity Level (ppm) | Upper 95/95 Tolerance Limit* (ppm) |
|---|---|---|
| Ash | 130.0 | 330.0 |
| Boron | 1.0 | 3.0 |
| Iron | 20.0 | 75.0 |
| Calcium | 30.0 | 60.0 |
| Sulfur | 3.0 | 8.0 |
| Lithium | 0.1 | 0.5 |

* The 95/95 tolerance levels stipulate that 95% of the material is within the tolerance interval with 95% confidence.

The FSVR fuel element (Fig. 2-3) is hexagonal in cross section with dimensions of 360.60 mm (14.172-in.) across flats by 792.988 mm (31.22-in.) high. The active fuel is contained in an array of small-diameter holes, which are parallel with the coolant channels, and occupy alternating positions in a triangular array within the graphite structure. The fuel holes are drilled from the top face of the element to within about 7.62 mm (0.3-in.) of the bottom face. A cemented graphite plug that is 12.7 mm (0.5-in.) long is used to close the top of each fuel channel after the fuel compacts were installed. [Ref. 19, pg. 6-2] The fuel holes in all elements are 12.70 mm (0.50-in.) diameter. The bonded rods (also referred as ‘fuel compacts’) of coated fuel particles are stacked within the hole, which is sealed with a graphite plug cemented into place. These rods had a nominal dimension of 12.5 mm (0.49-in.). [Ref. 15, pg. 2-1] In a standard fuel block, at least one fuel block used 3130 compacts to distribute the heavy metals throughout the block. [Ref. 18, pg. 2-1] A representative layout of how compacts might

be stacked in any given fuel channel is shown in Figure 2-4. The fuel holes and coolant channels are distributed on a triangular array of about 18.796 mm (0.74-in.) pitch spacing.

The control fuel element is similar to the standard fuel elements, but contains enlarged channels for the two control rods and the reserve shutdown absorber material. The control rod channels have a 246.888 mm (9.72-in.) centerline spacing and a diameter of 101.6 mm (4.00-in.). The reserve shutdown channel has a diameter of 95.25 mm (3.75-in.).

All of the standard elements have 12.7 mm (0.5-in.) diameter holes in each of their six corners for possible insertion of burnable poison rods. All of the control and bottom control elements have similar holes on four corners for burnable poison rods. The burnable poison rods are 50.8 mm (2.00-in) long and 11.43 mm (0.45-in.) in diameter, and are made of boron carbide particles in a carbon matrix. They are added as required and did not always fill the complete hole.

The lateral alignment of the six-layered fuel element column in the core is maintained by a system of three graphite dowels located on the top face of each element. A normal coolant channel passes through the center of each dowel. The dowels are threaded into the graphite structure and affixed with carbonaceous cement. Height of the dowels measured from the block surface is 22.225 mm (0.875-in.). The bottom side of all fuel blocks have three dowel sockets for interlocking with the block underneath (Figure 2-3).

The fuel blocks are made of nuclear grade graphite, type H-327 (needle-coke graphite) or type H-451 (near-isotropic graphite), manufactured by Great Lakes Carbon Company. Dowels and plugs used in the fuel element are of the same type of graphite as the element. Some physical characteristics of H-327 and H-451 types are shown in Table 2-3.

**Table 2-3.** Physical Characteristics of Graphite Types H-327 and H-451 [Ref.11]

| Characteristic | H-327 | H-451 |
|---|---|---|
| Maximum Grain Size (mm) | 1.651 (0.065-in.) | 1.651 (0.065-in.) |
| Apparent Density ($g/cm^3$) | 1.72 | 1.75 |
| Tensile Strength (psi) | 1000 | 1800 |
| Thermal Conductivity (Btu/ft·hr·°F) | 90 | 100 |
| Modulus of Elasticity (psi) | $2.3x10^6$ | $1.7x10^6$ |

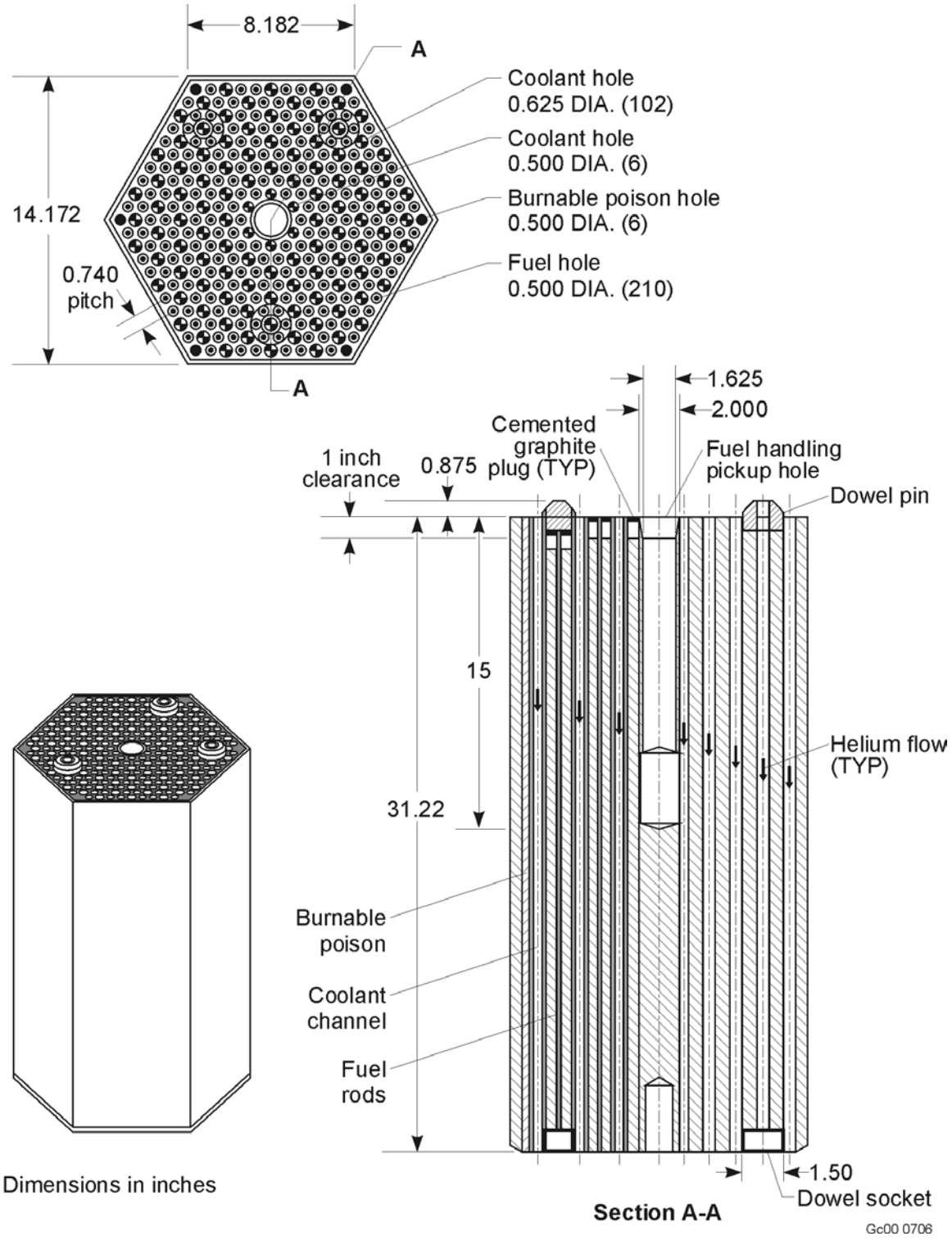



**Figure 2-3.** Standard FSVR Fuel Element [Ref. 18, pg. 2-6]

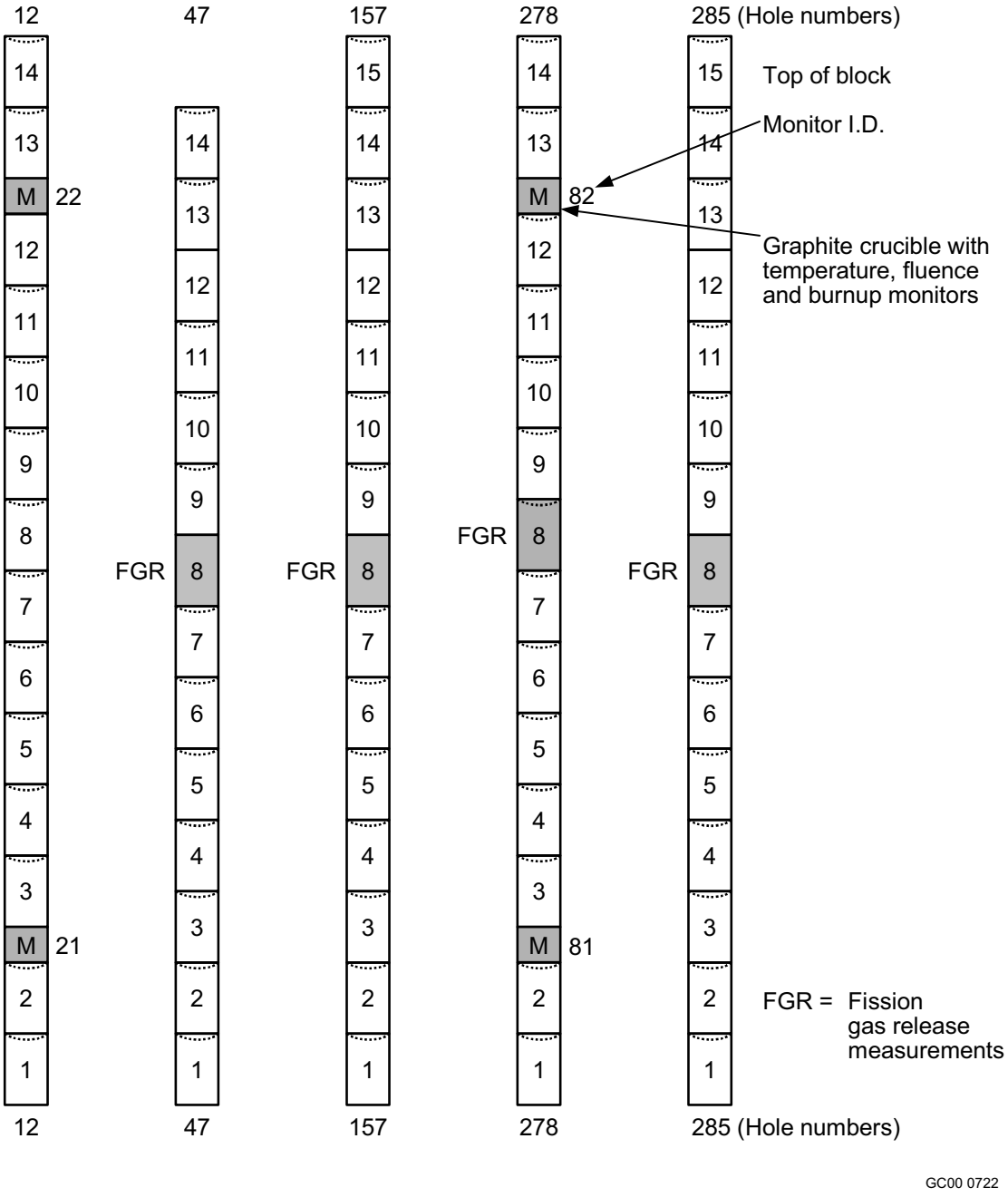



**Figure 2-4.** Fuel Compact Positioning for Selected Fuel Channels within a Post-Irradiation FSV Fuel Block [Ref. 18, pg. 2-9]

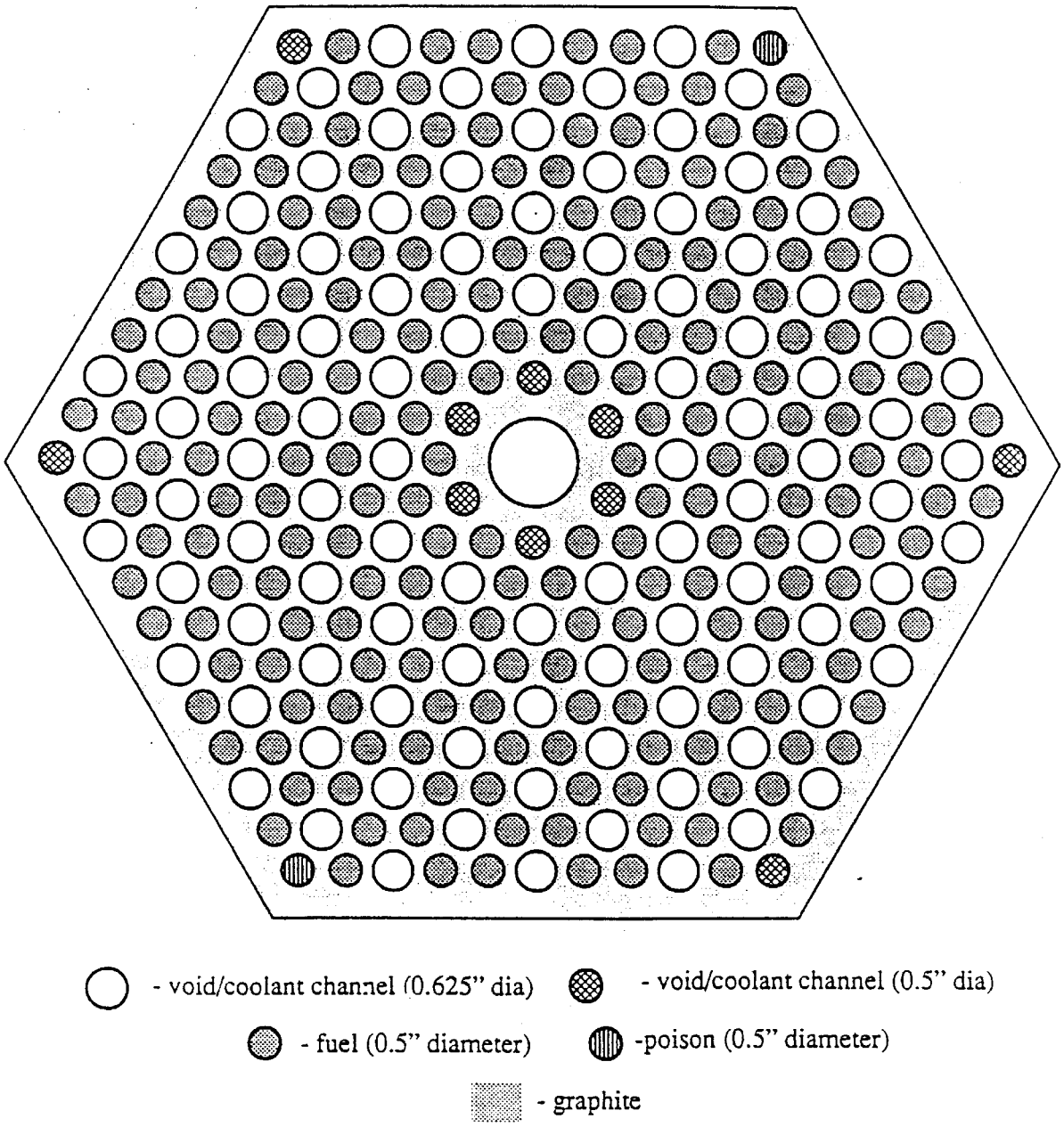



**Figure 2-5.** Cross Section of Standard FSVR Fuel Element

Based on the apparent (production) densities reported in Table 2-3 and a reported amorphous carbon density (maximum) of 2.1 [Ref. 5], there is a corresponding calculated porosity of the fuel block of 16.67% and 18.10% for H-451 and H-327 materials respectively. The 18.10% porosity would be used to calculate the maximum water uptake in a block for criticality modeling. Calculating void space within the fuel channels must also account for the interstitial gap between the respective fuel compacts themselves, the compact diameter vs. the fuel channel diameter, and the porosity of the compacts themselves. As a simplifying assumption, the irregularities in the flat surfaces and the cusp on the top end of each compact can be accounted for by modeling with a fuel channel that was bored completely through and neglecting the graphite filler plug installed in the top of each fuel channel. The interstitial gap used to calculate void space between the compacts of 12.5 mm (0.49-in.) diameter and the fuel channel of 12.7 mm (0.50-in.) diameter represents a maximum gap. The fabrication techniques used materials similar to the graphite blocks, but the allowable macroporosity was specified $\leq$ 45% for the compacts [Ref. 8, pg. 5-17]. The calculation for the displaced volume of the compacts also assumed a fuel column length of 15 compacts per fuel channel. In combination, these additive voids yield a calculated 'porosity' or void volume of 50.76% within each fuel channel. While irradiation may have altered the properties of the compacts, the original displaced volume would remain the same within each sealed fuel channel.

***2.1.2.2 Fuel Particles Characteristics -*** The fissile and fertile fuel particles are TRISO-coated microspheres of uranium and thorium dicarbide. As shown in Figure 2-6, each fuel particle consists of a spherical kernel covered with four main layers of coating material plus a thin intermediate seal coating.

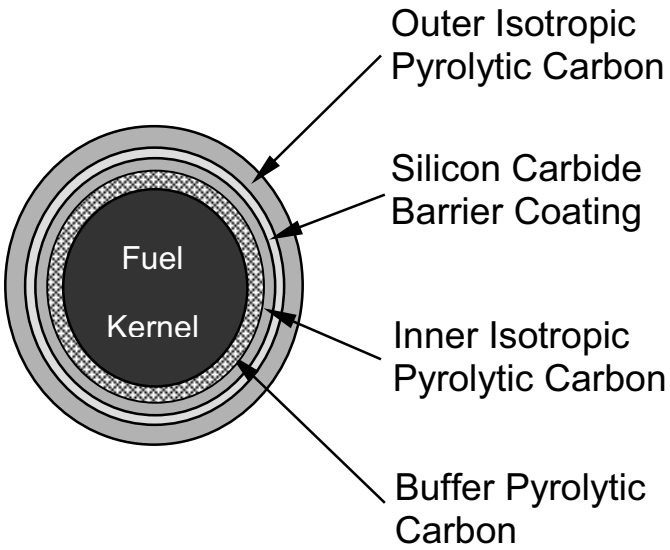



**Figure 2-6.** Cross-sectional View of Fertile and Fissile Fuel Particles Used in FSVR.

There are many reported fissile loadings reported for the 'maximum' fuel load per fuel handling unit (FHU) for FSV fuel. The General Atomics FSV fuel specification [Ref. 8] identifies a BOL maximum uranium loading of 1485 gms with a specified 93.15 $\pm$ 0.15 % enrichment in $^{235}$U. This results in a nominal 1383.3 gms of $^{235}$U (1485 * 0.9315).

The graphite reactors are generally considered to be 'converter' reactors, where a near-equivalent of fissile atoms are produced as are consumed. In the case of both Peach Bottom and Ft. St. Vrain reactors, this conversion resulted from the production of $^{233}$U from $^{232}$Th. Where $^{233}$U is known to be 'more reactive' than an equivalent gram quantity of $^{235}$U, it would be reasonable to account for $^{233}$U EOL values in addition to any $^{235}$U BOL values (since the DOE SNF is not taking burnup credits).

The average content of fissile/fertile species at BOL was 11.3 kg $^{232}$Th/fuel block and 0.5 kg $^{235}$U/fuel block. Specific data, on a block by block basis as published by Public Service of Colorado database, indicates a BOL range of $^{235}$U fissile loading values of 131.4 to 1256.61 gm, with a computed average of 574.4 gm; see Appendix B [Ref. 16]. The maximum uranium (total U and fissile @ 93.15% $^{235}$U enrichment) was 1485 grams per fuel block. [Ref. 8, pg. 6-26]

Selection of the appropriate fissile loading is paramount to criticality analysis, particularly given the variations of fissile loads used in previous analyses, both for fissile material accountability and storage/transportation issues for spent FSV fuels. The production of $^{233}$U is proportional to the $ThO_2$ loading and burnup, and inversely proportional to the $UO_2$ loading in a given FHU, i.e. lower $^{233}$U production associated with higher $^{235}$U loading). This is shown in Table 2-4. Hypothetical, conservative values have been used for fissile loads in previous criticality evaluation and safeguards reporting for this fuel. For future analyses, more realistic values should be justified and employed.

**Table 2-4.** Fissile Load Limits for FSV Fuel Blocks

| $^{235}$U, g (BOL) | $^{238}$U, g (BOL) | $^{235}$ U % enrich. | Total U, g (BOL) | $^{233}$U, g (EOL) | $^{239}$Pu, g (EOL)[b] | $^{232}$Th, kg (EOL)[c] | Footnotes: |
|---|---|---|---|---|---|---|---|
| 1256.61 | 76.94 | 94.230 | 1333.55 | 135.79 (max) | 2.39 (max) | 10.856 | a, b, c, d |
| 1244.95 | 76.23 | 94.230 | 1321.18 | 134.63 (max) | 2.43 (max) | 10.856 | a, b, c, d |
| 1172 | 0 | 100.000 | 1172 | 239.63 (max) | 2.39 (max) | 10.856 | a, b, c, d, h |
| 1170.46 | 73.8 | 94.069 | 1244.26 | 207.45 (max) | 2.36 (max) | 10.856 | a, b, c, d |
| 1170.24 | 73.8 | 94.068 | 1244.04 | 221.73 (max) | 2.59 (max) | 10.856 | a, b, c, d |
| 1168 | 0 | 100.000 | 1168 | 248.95 (max) | 2.38 (max) | 10.856 | a, b, c, d, h |
| 1167 | 0 | 100.000 | 1167 | 249.71 (max) | 2.39 (max) | 10.856 | a, b, c, d, h |
| 1164 | 0 | 100.000 | 1164 | 178.83 (max) | 2.19 (max) | 10.856 | a, b, c, d, h |

| $^{235}$U, g (BOL) | $^{238}$U, g (BOL) | $^{235}$ U % enrich. | Total U, g (BOL) | $^{233}$U, g (EOL) | $^{239}$Pu, g (EOL)[b] | $^{232}$Th, kg (EOL)[c] | Footnotes: |
|---|---|---|---|---|---|---|---|
| 1163 | 0 | 100.000 | 1163 | 244.70 (max) | 2.19 (max) | 10.856 | a, b, c, d, h |
| 1042 | 0 | 100.000 | 1042 | 233.75 (max) | 1.71 (max) | 10.856 | a, b, c, d, h |
| 1026.28 | 62.840 | 94.230 | 1089.12 | 130.62 (max) | 1.81 (max) | 10.856 | a, b, c, d |
| 1020.70 | 62.500 | 94.230 | 1083.2 | 132.78 (max) | 1.82 (max) | 10.856 | a, b, c, d |
| 1017.54 | 62.300 | 94.231 | 1079.84 | 131.54 (max) | 1.91 (max) | 10.856 | a, b, c, d |
| 444.33 | 27.790 | 94.114 | 472.12 | 274.86 (max) | 0.87 | 10.856 | a, b, c, d, i |
| 1309 | 91 | 93.5 | 1400 | - - - | - - - | 10.856 | e, j |
| 1400 | 78.02 | 94.43 | 1478.02 | - - - | - - - | 10.856 | f, j |
| 1279.83 | 94.11 | 93.15 | 1373.94 | - - - | - - - | 10.694 | g, j |

a. Base case - FSV fuel spec. [Ref. 8]

b. Maximum reported $^{239}$Pu in any FSV FHU

c. Typical EOL value for $^{232}$Th associated with more highly $^{235}$U loaded FHU

d. From PSC data base [Ref. 16]

e. GADR-55 (Shipping Criticality) [Ref. 19]

f. GAMD-10493 (GA criticality safety report) [Ref. 2]

g. GA-910055 (Nuclear Safety of FSV ISFSI) [Ref. 20]

h. Unreconciled $^{238}$U value; PSC database does show $^{239}$Pu which indicates $^{238}$U presence [Ref. 16]

i. Fissile loading in source FHU for maximum $^{233}$U [Ref. 16]

j. Fissile values reported in previous criticality analyses for FSV blocks

For purposes of modeling criticality, it is always the goal to describe and analyze for the most reactive configuration. To this end, it will be necessary to identify the most reactive isotopic mixture given the blended quantities of $^{233}$U and $^{235}$U in the FSV spent fuels. To establish a base-case fissile load limit per fuel block, there are three apparent combinations and one hypothetical set of values that should be analyzed for reactivity. The first three combinations derive from the BOL $^{235}$U (maximum) and EOL $^{233}$U (associated maximum) and a similar construct reported in the PSC database. The

following four isotopic combinations should be evaluated and compared for maximum $k_{eff}$ in the same MCNP model.

1. BOL $^{235}U$ = 1256.61 gm, EOL $^{233}U$ = 135.79 gm (from PSC database)

2. BOL $^{235}U$ = 1172.0 gm, EOL $^{233}U$ = 239.63 gm (from PSC database); there should be a 'defacto' $^{238}U$ composition of at least 73.8 gm (from adjacent U group loading in database) since $^{235}U$ was never available in the 100% enrichments inferred in the PSC database

3. BOL $^{235}U$ = 1168 gm, EOL $^{233}U$ = 248.95 gm (from PSC database); use a 'defacto' $^{238}U$ composition of at least 73.8 gm

4. Total U = 1485.0 gm @ 93.15 % enrichment (from FSV specification); use 1485.0 gm BOL $^{235}U$ as maximum case and EOL $^{233}U + ^{238}U$ = 0.0 gm

The kernel dimensions, coating designations, and coating thickness for the fissile and fertile particles are listed in Table 2-5.

**Table 2-5.** FSVR Fuel Particle Characteristics (all dimensions are in μm)

| Parameter | Fissile | | Fertile | | Reference |
|---|---|---|---|---|---|
| Th:U | 3.6:1, 4.25:1 | | All Th | | |
| Kernel Composition | $(Th:U)C_2$ | | $ThC_2$ | | |
| | Small | Large | Small | Large | |
| Average fuel kernel diameter | 140 | 225 | 375 | 525 | [Ref.3] |
| | 100-275 | | 300-500 | | [Ref.4] |
| | 220 | | 490 | | [Ref.10] |
| Average Coating Thickness | | | | | |
| Seal layer | <5 | | <5 | | [Ref.4] |
| Buffer carbon layer | 50 | 50 | 50 | 50 | [Ref.3] |
| | 45-110 | | 45-65 | | [Ref.4] |
| | 50 | | 50 | | [Ref.10] |
| Isotropic carbon layer | 20 | 20 | 20 | 20 | [Ref.3] |
| | 20-30 | | 20-40 | | [Ref.4] |
| | 20 | | 20 | | [Ref.10] |
| SiC layer | 20 | 20 | 20 | 20 | [Ref.3] |
| | 20-30 | | 20-30 | | [Ref.4] |
| | 20 | | 20 | | [Ref.10] |
| Isotropic carbon layer | 30 | 40 | 40 | 50 | [Ref.3] |
| | ≥25 | | ≥30 | | [Ref.4] |
| | 30 | | 30 | | [Ref.10] |
| Average coated fuel diameter | 380 | 485 | 635 | 805 | [Ref.3] |
| | 460 | | 730 | | [Ref.4] |
| | 460 | | 730 | | [Ref.10] |

The various coatings applied to the outside of the fuel matrix are installed using vapor deposition from some combination of gases in a heated fluidized bed. In the case of the application of SiC on a pyrolyticly-coated fuel particle, methyltrichlorosilane ($CH_3SiCl_3$) is fed into the fluidized-bed reactor at temperatures $\geq 1450^oC$ and $\leq 1700^oC$. Coating thicknesses are controlled for a sample mean value of 20-30 μm, and the target density layer is $\geq 3.18$ g/cm$^3$ [Ref. 8, Section 4.3.3.2]; theoretical density of SiC is 3.217 g/cm$^3$ [Ref. 5, pg. 4-105].

Theoretical density of $ThC_2$ is 8.96 g/cm$^3$ [Ref. 5, p.121] and that of $UC_2$ is 11.28 g/cm$^3$ [Ref. 5, p.125]. Production (fuel particle kernels) densities are ≥8.8 g/cm$^3$ [Ref. 8, p. 4-6].

The porosity of the fuel matrix material can be calculated using the definition formula:

Porosity (%)= (TD-PD)·100/TD,

where:

TD = theoretical density and, PD = production density of the respective U and Th materials.

For example, using the Th/U ratio equal to 3.6, TD = (3.6*8.96+1.0*11.28)/(3.6+1.0)=9.464 g/cm$^3$ and maximum porosity = 7.016 %. For a Th/U ratio equal to 4.25, TD = 9.402 g/cm$^3$ and porosity = 6.403 %.

***2.1.2.3 Fuel Rods Characteristics -*** A fuel rod is a column of coated fuel particles bonded together by a binder matrix. Fuel rods are cylinders 12.5 mm (0.49-in.) in diameter and 49.276 mm (1.94-in.) long [Ref. 18, pg. 2-1]. The chemical characteristics can be varied considerably depending upon blending ratios of the fuel kernels. For initial core loading, and the first reload segment, the FSVR fuel rod design utilized a homogeneous mixture of a graphite filler material and carbonized coal tar pitch as the binder. Beginning with the second reload (segment 8), petroleum-derived pitch was used as the binder, and isotropic shim particles, nominally 800 microns in diameter, were used to accommodate differences in heavy metal loading within the compacts. [Ref. 7] Hot injection molding process is the reference process for FSVR fuel rod fabrication.

The fuel rods and their individual fissile gram loading of U-235 were controlled by the fuel blend number (Table 2-6) used during the extrusion process. Similarly, the fissile distributions within the individual fuel blocks were used to 'sculpt' the fuel block loading to effect reactor core flux leveling.

**Table 2-6.** Total Uranium and Thorium Loading for Fuel Blends [Ref. 8, pgs. 6-27 and 6-28]

| Fuel Blend | Uranium (kg) | Thorium (kg) |
|---|---|---|
| 1 | 105.6 | 2905 |
| 2 | 80.5 | 2596 |
| 3 | 39.2 | 636 |
| 4 | 28.9 | 544 |
| 5 | 88.8 | 1324 |
| 6 | 65.9 | 1158 |

| Fuel Blend | Uranium (kg) | Thorium (kg) |
|---|---|---|
| 7 | 111.6 | 1446 |
| 8 | 84.4 | 1287 |
| 9 | 36.2 | 720 |
| 10 | 25.8 | 599 |
| 11 | 32.1 | 549 |
| 12 | 23.7 | 474 |
| 13 | 50.5 | 1733 |
| 14 | 56.7 | 658 |
| 15 | 33.6 | 494 |
| 16 | 50.8 | 494 |
| 17 | 30.1 | 372 |
| 18 | 12.2 | 258 |
| 19 | 60.3 | 640.7 |
| 20 | 36.4 | 514.4 |
| 21 | 34.5 | 302.2 |
| 22 | 20.5 | 247.9 |
| 23 | 24.3 | 320.2 |
| 24 | 14.5 | 248.8 |
| 25 | --- | --- |
| 26 | 64.6 | 640.7 |
| 27 | 39 | 514.4 |
| 28 | 36.9 | 302.2 |
| 29 | 21.9 | 247.9 |
| 30 | 26 | 320.4 |
| 31 | 15.5 | 248.9 |
| 32 | 69.648 | 629.198 |
| 33 | 39.791 | 504.134 |
| 34 | 39.686 | 294.716 |
| 35 | 22.483 | 244.959 |
| 36 | 28.196 | 309.923 |
| 37 | 15.429 | 243.575 |

The individual fuel compact fissile loading in a fuel block may have incorporated either a single or binary fuel mix number as shown in the following table. The data in Table 2-7 incorporates prescribed fissile loading from the General Atomics (GA) FSV Fuel Specification (for the first core).

The silicon (Si) content per fuel rod is 1.30 g [Ref. 4, pg. 4.2-15]. Using the SiC formula weight of 40.07, the total silicon carbide mass would be 1.85 g (based on atomic weight of Si = 28.086) [Ref. 5]. Based on typical data for fuel compact production, the following breakdowns are reported: [Ref. 4, pg. 4.2-15]

**Table 2-7.** Fuel Compact Compositions

| | 'Compact' Composition (gms) | | | |
|---|---|---|---|---|
| | Reported[a] | Reported[b] 'most reactive' | Nominal[c] | Analysis basis |
| Thorium (as $ThC_2$) | 2.7 | 3.594 | 3.610[e] | 3.447[i] |
| Uranium (as $^{235}UC_2$) | 0.1 | 0.419 | 0.184 | 0.474[d] |
| (total U) | | 0.449 | 0.197[f] | - - - |
| Si (as SiC) | 0.8 | 1.479 | 0.8[g] | 0.8[g] |
| Carbon | | | | |
| (pyrolytic coating) | 4.1 | - - - | 4.1[g] | 4.1[g] |
| (compact matrix) | - - - | - - - | - - - | 3.8575 [j] |
| Carbide(s) | | | | |
| (fuel matrix) | 0.8 | - - - | 0.393[h] | 0.399[h] |
| (SiC layer)[k] | 0.341 | - - - | 0.341 | 0.341 |

a. Ref. 4, pg. 4.2-14; listed weights were deemed approximate

b. Ref. 19, pg. 6-6 (based on 3130 compacts per fuel assembly)

c. Calculated based on heavy metal averages from FSV database with 3130 compacts per fuel assembly

d. Calculated based on 1485 gm max. total U (BOL); assumed 100% U-235 enrichment

e. Based on typical (max) 11300 gm Th (BOL)

f. Based on ave. 575 gm U-235 (BOL) [617.3 gm total U]

g. Based on assumption of uniform coating on particles

h. Calculated from $ThC_2$ and $UC_2$ masses (per compact)

i. Based on 10789.97 gm Th (EOL), and 3130 compacts per fuel assembly

j. Calculated based on weight differences between loaded assemblies & block weight (Table 2-1), and components

k. Calculated as a percentage of SiC from reported pure Si mass

Post-irradiation destructive examination was conducted on selected fuel compacts from a single fuel element 1-0743. [Ref. 18] The fuel element experienced a burnup of 6.2% fissile and 0.3% fertile (from U-233 during the transmutation of Th-232). The analysis reported ~ 0.3% of the fissile and 0.2% of the fertile microspheres were failed. These failures were due to manufacturing defects such as no coating, cracks, thin coatings, etc. About 3% of the compacts were broken; most of them were likely broken by the disassembly process involved by pushing them out from the bottom of the fuel block. [Ref. 15, pg. 2.9]

***2.1.2.4 Fuel Block Characteristics -*** The mechanical properties of the H-451 are different from those of the initial H-327 due to the use of near-isotropic petroleum-coke filler material. The mechanical properties that determine the element stresses, stress-strain margins, and element deformations for the two types of graphite are discussed in the following sections. [Ref. 17, Sec. 2-4, pg. 2-4]

***2.1.2.4.1 Elastic Modulus -*** The axial modulus of H-451 is typically lower than that of H-327 graphite at all fluence levels and therefore, for a given strain rate, the axial stresses in H-451 graphite are lower that those in H-327 graphite elements. The radial modulus of H-451 graphite is higher than that of H-327, but its effect on H-451 stress is compensated for by the higher radial strength of H-451 graphite. [Ref. 17, Table 4-3 & 4-9]

**Table 2-8.** Elastic Modulus of Unirradiated Graphite @ 25°C

| Orientation | Mean Elastic Modulus | |
|---|---|---|
| | H-451 graphite @ 25°C [ kPa ($10^6$ psi) ][(a)] | H-327 graphite @ 25°C [ kPa ($10^6$ psi) ] |
| Axial | 7,928,905 (1.15) | 10,342,050 (1.5) |
| Radial | 6,894,700 (1.00) | 4,136,820 (0.6) |

(a) Elastic modulus measured as the mean slope of the stress-strain curve between 689 kPa (100 psi) and 6894 kPa (1000 psi) during the second loading of a specimen which was first loaded to 6894 kPa (1000 psi) and then unloaded to 689 kPa (100 psi).

***2.1.2.4.2 Tensile Strength -*** The tensile strengths for both the H-327 and H-451 graphite are given in Table 2-9. It can be seen that the strength of H-451 graphite in both the radial and axial directions is higher than that of the H-327 graphite. [Ref. 17, pg 4-2, 4-13, & 4-18]

**Table 2-9.** Ultimate Tensile Strength of Unirradiated Graphite Types at 25°C.

| Orientation | Mean UTS | |
|---|---|---|
| | H-451 graphite @ 25°C [ kPa ( psi ) ] | H-327 graphite @ 25°C [ kPa ( psi ) ] |
| Axial | 13,583 (1,970) | 11,238 (1,630) |
| Radial | 10,756 (1,560) | 6,481 (940) |

***2.1.2.4.3 Ultimate Compressive Strength -*** The ultimate compressive strength (UCS) is ≥ 48,263 kPa (7000 psi) for both the axial and radial directions in the H-451 type graphite. [Ref. 17, pg. 4-2] For the H-327 graphite, the UCS is recorded at ≥ 27,579 kPa (4000 psi). [Ref. 17, pg. 4-8]

***2.1.2.4.4 Creep Properties -*** The steady state creep behavior of both graphite types is similar, with H-451 having slightly lower values of creep strain.

***2.1.2.4.5 Irradiation Induced Creep*** [Ref. 17, pg. 4-3] - Irradiation-induced creep for both tensile and compressive stress in the near-isotropic H-451 is described by the following equation:

$$\varepsilon_{cr} = 0.91 * 10^{-6} * \sigma[1-\exp(-5 * 10^{-20} * \phi)] * \exp(1.72 * 10^{-3} * T - 0.83) +$$

$$10^{-27} * \sigma * \phi \exp(0.321 + 7.48 * 10^{-4} * T)$$

***2.1.2.4.6 Irradiation-Induced Dimensional Change -*** Operating stresses are produced within the graphite elements by strains due to differential irradiation-induced dimensional changes across the element. These radiation-induced dimensional changes occur at neutron fluxes above 10E25 neutrons/$m^2$; below those fluxes, there is no indication of appreciable dimensional change. [Ref. 17, pg. 2-4 and 4-7, and Tables 4-1 & 4-7]

The permanent strain ($\varepsilon^o$) due to irradiation-induced dimensional change has been expressed in terms of average irradiation temperature ($T\phi$) and fast neutron fluence ($\phi$) for near-isotropic graphite. The irradiation strain ($\varepsilon^o$) is expressed by the polynomial in the following equation, which is valid for irradiations between 300 and 1500°C and to fast neutron fluences of $8 * 10^{25}$ $(E > 29\ fJ)_{HTGR}$ :

$$\varepsilon^o = (C_1 + C_2T_\phi + C_3T_\phi^2 + C_4T_\phi^3 + C_5T_\phi^4)*\phi +$$

$$(C_6 + C_7T_\phi + C_8T_\phi^2 + C_9T_\phi^3 + C_{10}T_\phi^4)*\phi^2 +$$

$$(C_{11} + C_{12}T_\phi + C_{13}T_\phi^2 + C_{15}T_\phi^3 + C_{15}T_\phi^4)*\phi^3$$

where:

$\varepsilon^o$ = irradiation-induced strain (dimensional change, $\Delta l/l$) (%),

$\phi$ = HTGR fast neutron fluence ($10^{25}$ n/$m^2$) $(E \geq 29\ fJ)_{HTGR}$,

$T_\phi$ = Average irradiation temperature (°C),

$C_i$ = coefficients determined for each orientation of specific graphite type; coefficients listed as follows (Table 2-10).

**Table 2-10.** Coefficients for Irradiation Strain Polynomial

| | H-451 | | H-327 | |
|---|---|---|---|---|
| | Axial | Radial | Axial | Radial |
| $C_1$ | 0.87602 | 1.00882 | -6.901536 | 0.122708 |
| $C_2$ | -6.7267E-03 | -7.1516E+02 | 2.14790E-02 | 2.25189E-03 |
| $C_3$ | 1.4811E-05 | 1.5042E-05 | -2.09455E-05 | -8.42109E-06 |
| $C_4$ | -1.2398E-08 | -1.1972E-08 | 6.15816E-09 | 9.41604E-09 |
| $C_5$ | 3.2775E-12 | 3.0122E-12 | 0 | -3.60083E-12 |
| $C_6$ | -0.1704 | 0.14614 | 0.71838 | -0.265774 |
| $C_7$ | 1.0653E-03 | 9.3781E-04 | -2.0942E-03 | 5.31424E-04 |
| $C_8$ | -2.1542E-06 | -1.9262E-06 | 1.7924E-06 | 3.44720E-06 |
| $C_9$ | 1.5310E-09 | 1.3731E-09 | -4.8543E-10 | 4.27347E-09 |
| $C_{10}$ | -3.2367E-13 | -2.7741E-13 | 0 | 1.62954E-12 |
| $C_{11}$ | 2.3725E-03 | 2.7693E-03 | -3.5696E-03 | 7.25128E-02 |
| $C_{12}$ | 9.2058E-06 | 1.4285E-05 | 6.0536E-06 | -1.64812E-04 |
| $C_{13}$ | 0 | 1.6247E-08 | 0 | 0 |
| $C_{14}$ | 2.7754E-11 | 1.0803E-11 | 0 | 2.04765E-10 |
| $C_{15}$ | -1.6930E-14 | 1.2287E-14 | 0 | -1.08765E-13 |

***2.1.2.4.7 Thermal Strains -*** While radiation-induced strains make the major contributions to the operating stresses within the graphite elements, the thermal strains contribute strongly to the shutdown stresses. The thermal expansion of H-451 graphite is about 30% and 100% higher than that of H-327 graphite in the radial and axial directions, respectively for all temperatures of interest. [Ref. 17, pg. 2-5]

***2.1.2.4.8 Thermal Conductivity*** [Ref. 17, pg. 4-4] **-** The thermal conductivity of near-isotropic graphite considers the dependence of thermal conductivity (K) on the current measurements of temperature ($T_c$) and on the past history of irradiation temperature ($T_1$) and fast neutron fluence ($\phi$).

The thermal conductivity as a function of current measurement temperature can be considered as a superposition of three temperature-dependent resistance mechanisms through the equation

$$K(T_c) = 1/\alpha \left[ \frac{1}{K_U(T_c)} + \frac{b}{K_b'(T_c)} + \frac{d}{K_d'(T_c)} \right] \qquad Eq.2-1$$

where:

$\alpha$ ≡ is a porosity-tortuosity factor,

$K_U(T_c)$ ≡ is the crystallite conductivity with Umklapp processes dominating,

b ≡ $1/L_a$ is the inverse of the crystallite boundary scattering,

$K_b'(T_c)$ ≡ $(K_B/L_a)(T_c)$ is the effect of the grain boundary scattering,

d ≡ $C_d S_V^2$ is an irradiation damage parameter

$K_d'(T_c)$ ≡ $(K_D C_D S_V^2)(T_c)$ is the effect of the irradiation damage

All the above quantities are given as known input data in the following tables with one exception: the irradiation damage parameter, d. As will be shown, one can solve for the parameter d by comparing conductivities before and after irradiation.

**Table 2-11.** Temperature-Dependent Conductivity Components [Ref. 17, pg. 4-15]

Units = (cal/cm-s-°C) * (Scale Factor)

| Component | Umklapp | Grain Boundary | Irradiation Damage |
|---|---|---|---|
| Scale Factor: | 1 | b ($10^4$ $cm^{-1}$) | d (immaterial) |
| Temperature[(a)] °C | $K_U(T)$ | $K_b'(T)$ | $K_d'(T)$ |
| -173 | 93.5 | 2.88 | 4.46 |
| -123 | 48.8 | 5.95 | 3.835 |
| 73 | 12.8 | 9.6 | 3.21 |
| 23 | 6.38 | 13.25 | 3.115 |
| 27(RT) | 4.79 | 16.65 | 3.02 |
| 77 | 3.56 | 19.58 | 3.13 |
| 127 | 2.9 | 22.5 | 3.24 |
| 177 | 2.56 | 24.75 | 3.375 |
| 227 | 2.22 | 27 | 3.51 |
| 277 | 2.065 | 28.65 | 3.585 |
| 327 | 1.91 | 30.3 | 3.66 |
| 377 | 1.775 | 31.5 | 3.72 |
| 427 | 1.64 | 32.7 | 3.78 |
| 477 | 1.56 | 33.7 | 3.83 |
| 527 | 1.48 | 34.7 | 3.88 |
| 577 | 1.41 | 35.1 | 3.895 |
| 627 | 1.34 | 35.5 | 3.91 |
| 677 | 1.285 | 35.75 | 3.925 |
| 727 | 1.23 | 36 | 3.94 |
| 777 | 1.165 | 36 | 3.94 |
| 827 | 1.1 | 36 | 3.94 |

| | Units = (cal/cm-s-$^{o}$C) * (Scale Factor) | | |
|---|---|---|---|
| Component | Umklapp | Grain Boundary | Irradiation Damage |
| Scale Factor: | 1 | b ($10^{4}$ $cm^{-1}$) | d (immaterial) |
| Temperature[(a)] $^{o}$C | $K_U(T)$ | $K_b'(T)$ | $K_d'(T)$ |
| 877 | 1.055 | 36 | 3.94 |
| 927 | 1.01 | 36 | 3.94 |
| 977 | 0.975 | 36 | 3.94 |
| 1027 | 0.94 | 36 | 3.94 |
| 1077 | 0.91 | 36 | 3.94 |
| 1127 | 0.88 | 36 | 3.94 |
| 1177 | 0.86 | 36 | 3.94 |
| 1227 | 0.84 | 36 | 3.94 |
| 1277 | 0.82 | 36 | 3.94 |
| 1327 | 0.8 | 36 | 3.94 |
| 1377 | 0.783 | 36 | 3.94 |
| 1427 | 0.765 | 36 | 3.94 |
| 1477 | 0.753 | 36 | 3.94 |
| 1527 | 0.74 | 36 | 3.94 |

(a) The temperature points are equally spaced in order to facilitate the linear interpolation.

**Table 2-12.** Material Constants for Calculation of Near-Isotropic Graphite Thermal Conductivity [Ref. 17, pg. 4-16]

| | | Value | | |
|---|---|---|---|---|
| Symbol | Ref. Eq. | Axial | Radial | Units(a) |
| A | 2-5 | -0.3059 | -0.3059 | $10^{25}$ $n/m^2$ |
| B | 2-5 | 9.58E-04 | 9.58E-04 | $10^{25}$ $n/m^2$-$^{o}$C |
| C | 2-6 | -3.317 | -3.43 | |
| D | 2-6 | 1.21E-03 | 1.22E-03 | $^{o}C^{-1}$ |
| a | 2-1 | 5.334 | 5.707 | |
| b | 2-1 | 5.192 | 6.165 | $10^{4}$ $cm^{-1}$ |

(a) Neutron fluence units ($10^{25}$ $n/m^2$) are in terms of HTGR fast fluence $(E > 29\ fJ)_{HTGR}$

***2.1.2.4.9 Thermal Conductivity, Unirradiated*** [Ref. 17, pg. 4-4] **-** For unirradiated material, the damage parameter, d, is zero. So the Eq. 2-1 in section 2.1.4.4.7 reduces to:

$$K_o(T_c) = 1/\alpha \left[ \frac{1}{K_U(T_c)} + \frac{b}{K_b'(T_c)} \right] \qquad Eq.2-2$$

***2.1.2.4.10 Thermal Conductivity, Isothermal Irradiation*** [Ref. 17, pg. 4-5] **-** The damage parameter d can be found by comparing the unirradiated and irradiated conductivities at one particular measurement temperature. Room temperature (RT) is conveniently taken to be the reference temperature.

$$d = \frac{K_d'(RT)}{\alpha} \left[ \frac{1}{K_i(RT)} - \frac{1}{K_o(RT)} \right] \qquad Eq.2-3$$

where:

$K_o(RT)$ = unirradiated room temperature conductivity, found by evaluating Eq. 2.3 at $T_c = RT$,

$K_i(RT)$ = irradiated room-temperature conductivity found by the procedure shown in Section 2.1.4.4.10

***2.1.2.4.11 Thermal Conductivity, Nonisothermal Irradiation*** [Ref. 17, pg. 4-5]

1. Divide the irradiation period into n isothermal intervals. The irradiation temperature during interval I is $T_i$. The fluence at the start of the interval in $(\Phi)_{i-1}$, and the fluence at the end of the end of the interval in $(\Phi)_i$.

2. At the start of the first interval, the room-temperature conductivity is initialized to $K_o(RT)$ through Eq. 2-2.

3. At the end of the interval I, the room-temperature irradiated conductivity is given by the recursive formula:

$$K_i(RT) = K_{sat}^{RT}(T_i) + \left[ K_{i-1}(RT) - K_{sat}^{RT}(T_i) \right] \exp \frac{-\left[ (\phi)_i - (\phi)_{i-1} \right]}{\tau(T_i)} \qquad \text{Eq. } 2-4$$

where:

$$\tau(T_i) = A + B\,T_i \qquad \text{Eq. 2 - 5}$$

$$K_{sa}^{RT}(T_i) = \exp(C + DT_i) \qquad \text{Eq. } 2-6$$

$\varphi$ = fast neutron fluence ($10^{25}$ n/m$^2$) $(E \geq 29\ fJ)_{HTGR}$,

$\tau$ = relaxation time in units of fluence,

$$K_{sat}^{RT} = saturation\ \ value\ of\ \ the\ room\ (temperature)\ conductivity$$

A, B, C, D = constants given in Table 2-12

4. Calculate the conductivity at the assumed current temperature Tc by applying Eq. 2-2 and 2-3.

***2.1.2.4.12 Thermal Expansion -*** The thermal strain versus temperature for near-isotropic H-451 graphite is presented in Table 2-13.

**Table 2-13.** Thermal Expansion of H-451 Graphite

| | Thermal Strain ($10^{-3}$ cm/cm) | |
|---|---|---|
| Temperature ($^o$C) | Axial | Radial |
| 25 | 0 | 0 |
| 100 | 0.26 | 0.32 |
| 150 | 0.42 | 0.52 |
| 200 | 0.6 | 0.74 |
| 250 | 0.8 | 0.95 |
| 300 | 1 | 1.2 |
| 350 | 1.2 | 1.43 |
| 400 | 1.42 | 1.68 |
| 450 | 1.65 | 1.93 |
| 500 | 1.88 | 2.19 |
| 550 | 2.12 | 2.46 |
| 600 | 2.35 | 2.75 |
| 650 | 2.6 | 3.03 |
| 700 | 2.83 | 3.32 |
| 750 | 3.1 | 3.58 |
| 800 | 3.35 | 3.88 |
| 850 | 3.58 | 4.16 |
| 900 | 3.84 | 4.41 |
| 950 | 4.1 | 4.73 |
| 1000 | 4.33 | 5.06 |
| 1050 | 4.6 | 5.32 |
| 1100 | 4.88 | 5.62 |
| 1150 | 5.14 | 5.91 |
| 1200 | 5.42 | 6.23 |

| | Thermal Strain ($10^{-3}$ cm/cm) | |
|---|---|---|
| Temperature ($^{o}$C) | Axial | Radial |
| 1250 | 5.7 | 6.53 |
| 1300 | 6 | 6.85 |
| 1350 | 6.3 | 7.16 |
| 1400 | 6.6 | 7.5 |
| 1450 | 6.9 | 7.85 |
| 1500 | 7.24 | 8.2 |
| 1550 | 7.55 | 8.52 |
| 1600 | 7.9 | 8.9 |

***2.1.2.4.13 Specific Heat*** [Ref. 17, pg. 4-6] **-** The specific heat of both H-327 and H-451 graphite over the temperature range $0^{o}$ to $2700^{o}$C is given by the following equation, which is accurate to $\pm$ 5% of the mean. [Ref. 17, pg. 4-1 & 4-6]

$$Cp = 0.54212 - 2.42667 * 10^{-6} * T - 90.2725 * T^{-1} - 4.34493 * 10^{4} * T^{-2} +$$

$$1.59309 * 10^{7} * T^{-3} - 1.43688 * 10^{9} * T^{-4}$$

***2.1.2.4.14 Bulk Density -*** The mean bulk density for the H-451 block material is 1.74 $Mg/m^3$ [Ref. 17, pg. 4-1] and 1.77 $Mg/m^3$ [Ref. 17, pg. 4-7] for the H-327 block material.

Literature values vary for carbon, depending on whether the material is considered to be graphite (2.267 g/cc) or amorphous (1.8 to 2.1 g/cc). [Ref. 5, pg. 4-37]

***2.1.2.4.15 Poisson's Ratio*** [Ref. 17, pg. 4-3 & 4-8] **-** The Poisson's ratio ($\upsilon$) for H-451 graphite subjected to tensile strain is given as:

$$\upsilon = 0.118 (\pm 0.01)$$

Similarly, the Poisson's ratio ($\upsilon$) for H-327 graphite strain is given as:

$$\upsilon = 0.1 \text{ to } 0.15$$

***2.1.2.4.16 Irradiation Creep Behavior*** [Ref. 17, pg. 4-3] - Irradiation-induced creep for both tensile and compressive stresses in near-isotropic graphite is described by the following equation:

$$\varepsilon_{cr} = 0.91 * 10^{-6} * \sigma * [1 - \exp(-5 * 10^{-20})] \exp(1.72 * 10^{-3} T - 0.83)$$

$$+10^{-27} \sigma * \Phi \exp(0.3212 + 7.48 * 10^{-4} T)$$

where:

$\varepsilon_{cr}$ = total uniaxial creep strain (cm/cm)

$\sigma$ = applied uniaxial stress (kPa)

$\Phi$ = fast neutron fluence (n/m2) $(E > 29 \text{ fJ})_{HTGR}$

T = irradiation temperature ($^{o}$C)

The above equation if valid for tensile and compressive stresses at irradiation temperatures between 500$^{o}$ and 1200$^{o}$C, fast neutron fluences up to $10^{26}$ n/m$^2$, and creep strain up to 2.5 * $10^{-2}$ cm/cm in tension and 2 * $10^{-2}$ cm/cm in compression. The steady-state creep strain (2$^{nd}$ term in above equation) is a true plastic strain, whereas the transient creep strain is quasi-elastic and is recovered over an interval of ~ 2 * $10^{23}$ n/m$^2$ if the stress is reduced during irradiation.

### 2.1.3 Thermal

The maximum operating temperature for the DOE SNF canister when it is not inside any other container (by itself, in a 25$^{o}$C (77$^{o}$F) calm air environment) is 148.9$^{o}$C (300$^{o}$F), and 315.5$^{o}$C (600$^{o}$F) after placement within another enclosed container, e.g., a storage industry canister for interim storage, etc. The determination of the operating temperature requires the knowledge of the decay heat of the FSVR fuel elements and the heat transfer conditions in its given environment. The decay heat given as a function of decay time is shown in Appendix D (Table D-1). The data was prepared with ORIGEN-S computer program. [Ref. 6, p. 26] The values shown are the highest among the nine fuel segments, therefore conservative for the decay heat calculations. Fifteen years is the estimated minimum decay time for FSVR fuel at INEEL that will be considered for insertion into the DOE SNF canister.

ORIGEN-S inputs required some assumptions to allow burnup calculations. A weighted-average, thermal neutron flux used a calculated 5.81E+13 n/cm$^2$-sec based at 80% power in Cycle 4. The ORIGEN-S runs were performed using an average thermal flux, and to obtain heat generation rates and curie contents, a peaking factor was needed for the ORIGEN results. Various maximum peaking factors could be determined based on which cycle was chosen; a weighted peaking factor of 1.76 was finally applied to the ORIGEN results. [Ref. 6, pgs 4-7] Applying this factor to the ORIGEN-S base data instead of applying it to the ORIGEN-S input thermal flux for all the runs was shown to be conservative. Using this information as applied to the Cycle 4 fuels, benchmark calculations were also performed for fuel segments 1, 2, and 3 decay heat curves provided by GA for the spent fuel shipping criteria. These comparative results are shown in Figure 2-7. [Ref. 6, pg. 23] The maximum fuel block decay heat curve appears in Figure 2-8. [Ref. 6, pg. 24] Use of 805 watts per SNF canister loaded with 5 maximally burned fuel elements (year 2000) would represent the bounding case value associated with a single SNF canister intended for loading in a waste package.

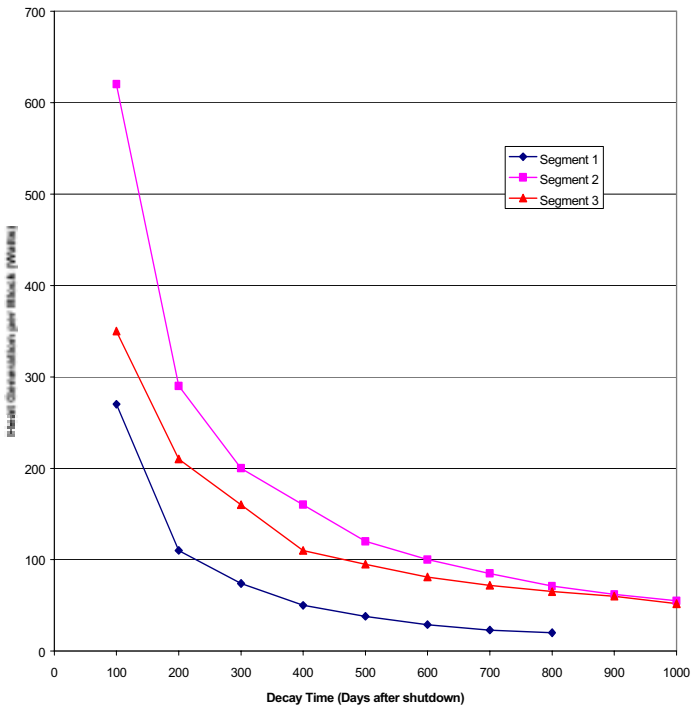



**Figure 2-7.** GA Decay Heat Curves for Segments 1 (174 EFPD), 2 (363 EFPD) and 3 (658 EFPD) [Ref. 6, pg. 23]

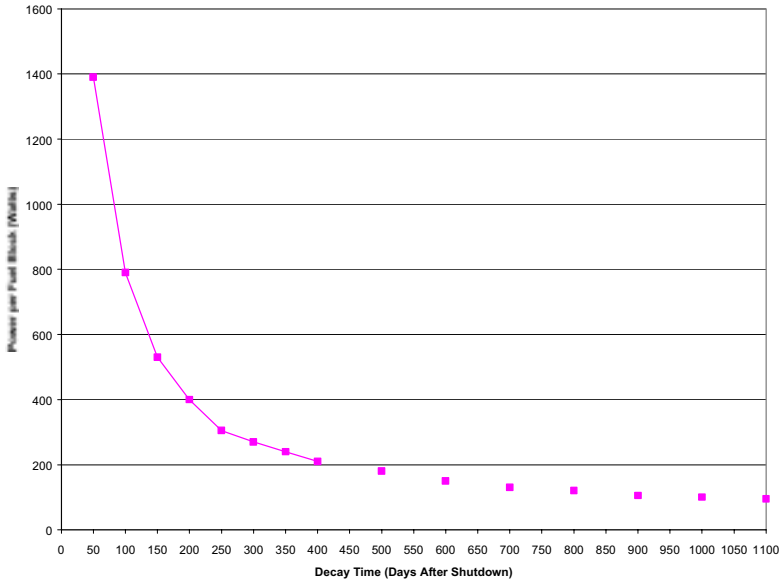



**Figure 2-8.** Maximum Decay Heat for a Spent Fuel Block [Ref. 6, pg. 24]

**Table 2-14.** FSVR Fuel Burnup Data

| Segment # | Date of Discharge | Reported Burnup (MWD/Fuel Element) |
|---|---|---|
| 1 | 2/1/79 | 72.3 |
| 2 | 5/13/81 | 142.9 |
| 3 | 1/2/84 | 310.7 |
| 4 | 8/18/89 | 527.79 |
| 5 | 8/18/89 | 511.9 |
| 6 | 8/18/89 | 527.7 |
| 7 | 8/18/89 | 507.44 |
| 8 | 8/18/89 | 416.4 |
| 9 | 8/18/89 | 223.63 |

As shown in Table 2-14, the maximum reported burnup was attained by segment 4 of 527.79 MWD/fuel element. [Ref. 21]

### 2.1.4 Shielding Source Term

The shielding evaluation considers the energy dependent neutron and gamma source of the irradiated fuel to determine the dose rate at some point external to the DOE SNF canister and/or Waste Package. This section lists estimates of the spatial source distribution and the source particle magnitudes.

***2.1.4.1 FSVR Photon/Neutron Spectra -*** The total photon spectrum for the activation products, actinides, and fission products is given in Table 2-15. The overall neutron source is given in Table 2-16. Both sources are taken from the ORIGEN cases supporting the data in Ref. 6. The sources are provided as a function of decay time for the highest burnup FSVR fuel element. This assembly provides the bounding decay heat values. Since the source terms are directly related to the decay heat, this data will also bound the source terms from other types of FSVR elements. The available data is necessarily limited to the elapsed times and energy levels selected for analysis (after reactor shutdown) associated with the ORIGEN outputs. Gamma source values beyond 750 days must necessarily be calculated or extrapolated from the data in Table 2-15.

**Table 2-15.** Total Gamma Source (Photon/Sec) for the Maximum Burnup FSVR Element [Ref. 6]

| Mean Energy (MeV) | Gamma Source as a Function of Decay Time per Single Fuel Element, days | | | | | |
|---|---|---|---|---|---|---|
| | 0 | 100 | 150 | 350 | 550 | 750 |
| 3.00E-01 | 3.27E+13 | 2.58E+13 | 2.31E+13 | 1.55E+13 | 1.08E+13 | 7.93E+12 |
| 6.50E-01 | 4.68E+14 | 3.27E+14 | 2.90E+14 | 2.20E+14 | 1.86E+14 | 1.62E+14 |
| 1.13E+00 | 9.15E+12 | 8.01E+12 | 7.56E+12 | 6.18E+12 | 5.21E+12 | 4.50E+12 |
| 1.57E+00 | 4.22E+12 | 3.63E+12 | 3.38E+12 | 2.57E+12 | 1.99E+12 | 1.57E+12 |
| 2.00E+00 | 3.11E+12 | 2.44E+12 | 2.16E+12 | 1.33E+12 | 8.18E+11 | 5.04E+11 |
| 2.40E+00 | 5.58E+10 | 4.49E+10 | 4.03E+10 | 2.62E+10 | 1.71E+10 | 1.12E+10 |
| 2.80E+00 | 6.86E+09 | 5.58E+09 | 5.03E+09 | 3.34E+09 | 2.22E+09 | 1.48E+09 |
| 3.25E+00 | 7.81E+08 | 6.46E+08 | 5.88E+08 | 4.04E+08 | 2.77E+08 | 1.90E+08 |
| 3.75E+00 | 3.44E+05 | 2.85E+05 | 2.59E+05 | 1.78E+05 | 1.22E+05 | 8.38E+04 |
| 4.25E+00 | 7.70E-07 | 7.73E-07 | 7.74E-07 | 7.79E-07 | 7.84E-07 | 7.88E-07 |
| 4.75E+00 | 3.86E-07 | 3.88E-07 | 3.88E-07 | 3.91E-07 | 3.93E-07 | 3.95E-07 |
| 5.50E+01 | 2.86E-07 | 2.87E-07 | 2.88E-07 | 2.90E-07 | 2.92E-07 | 2.95E-07 |

Neutron levels, both spontaneous and alpha-n, are very much a function of the longer-lived actinides. Given the longer half-lives associated with the actinides relative to those of fission or activation products, only slight decreases in neutron level is indicated. Both quantity and energy levels decrease with time as shown in Table 2-16.

**Table 2-16.** Overall Neutron Source from Alpha-n and Spontaneous Fission for the Maximum Burnup FSVR Fuel Element [Ref. 6]

| Total (ALPHA-N plus Spontaneous Fission) Neutron Source Spectrum as a Function of Time per Single Fuel Element (neutrons/sec) | | | |
|---|---|---|---|
| Boundaries (MeV) | Discharge | 1.0 year | 2.0 years |
| 6.43-20.00 | 3.812E+03 | 3.372E+03 | 3.165E+03 |
| 3.00-6.43 | 5.263E+04 | 4.649E+04 | 4.400E+04 |
| 1.85-3.00 | 7.086E+04 | 6.491E+04 | 6.262E+04 |
| 1.40-1.85 | 3.274E+04 | 2.982E+04 | 2.852E+04 |
| 0.90-1.40 | 3.961E+04 | 3.560E+04 | 3.373E+04 |
| 0.40-0.90 | 4.067E+04 | 3.615E+04 | 3.403E+04 |
| 0.10-0.40 | 7.931E+03 | 7.039E+03 | 6.622E+03 |
| 0.00-0.10 | 0.000E+00 | 0.000E+00 | 0.000E+00 |
| Total | 2.483E+05 | 2.234E+05 | 2.127E+05 |

# 3. REFERENCES

1. ORNL 1992. *Characteristics of Potential Repository Wastes*. DOE/RW-0184-R1 Volume 1. Oak Ridge, Tennessee. (M&O TIC-204940)

2. Baxter, A.M. and Malakhof, V., "A Summary of Nuclear Criticality Safety for the Ft. St. Vrain HTGR Fuel", GAMD-10493, Gulf General Atomic, April 1971

3. Ft. St. Vrain Independent Fuel Storage Installation Safety Analysis Report, Section 3, Docket No. 72-09, INEL, Rev. 0, December 1996

4. Characteristics of Potential Repository Wastes, DOE/RW-0184-R1, Vol.2, ORNL, July 1992

5. Dean, John A., Lange's Handbook of Chemistry, 13th Ed., McGraw Hill, New York, NY, 1985

6. Ft. St. Vrain Decay Heat Analysis for Spent Fuel, EE-DEC-0023, Rev. A, June 1990

7. Ft. St. Vrain Nuclear Generating Station: Updated Final Safety Analysis Report, Appendix A

8. FSV Fuel Specification, GA-1484, (Rev10/82), GA Technologies Inc., February 1985

9. Company correspondence, DOE-ID to Exxon Nuclear, Ft. St. Vrain Fuel Data; Fuel Receipt Criteria, Part A, March 1982

10. Company correspondence, RJK-07094, The Chemical Reactivity of ICPP Stored $ThC_2$-$UC_2$ Fuels, July 1994

11. Company correspondence, MBP-3-93, Physical Characteristics of Graphite Types H-451 and H-047, February 1993

12. Integrated National Spent Fuel Database -Total FSV Inventory for PA Work, 1999

13. Russell, L.E., et al, Carbides in Nuclear Energy, Vol. 1 and Vol. 2, Macmillan & Co., London, 1964

14. INEEL 1998. Preliminary Design Specification for Department of Energy Standardized Spent Nuclear Fuel Canisters, Volume I – Design Specification. DOE/SNF/REP-011, REV. 3 (Aug. 1999). Idaho Falls, Idaho: INEEL. TIC: 239252

15. PNNL-11365, Marschman, S.C., et al, Characterization Plan for Fort St. Vrain and Peach Bottom Graphite Fuels, September 1993

16. Public Service of Colorado, Ft. St. Vrain Fuel Database

17. GLP-5588, Safety Analysis Report Use of H-451 Graphite in Fort St. Vrain Fuel Elements, Gulf General Atomic, December 1977

18. GA-A16258/UC-77, Saurwein, J. J., Miller, C.M., and Young, C.A., Postirradiation Examination and Evaluation of Fort Saint Vrain Fuel Element 1-0743, General Atomic Company, May 1981

19. GADR-55, Volume II, Consolidated Design Report for the Model FSV-1A Package; Section 6.0 – Criticality Evaluation, Rev. 0, Public Service Company of Colorado, Aug. 1989

20. Report # 910055, Nuclear Safety of FSV ISFISI, GA Technologies, April 1990

21. Private communication with R. J. Kirkham, (spreadsheet) GWS1C.xls

# Appendix A: HTGR Fuel Group Summary

# A.1. HTGR Fuel Group Summary

Table 3-1 provide a description of the various HTGR fuel types and an estimate of the quantity of each type that may ultimately be received for disposal [reference: Integrated National Spent Fuel Database, as of April 28, 1999].

**Table 3-1.** HTGR Fuel Group Summary

| Site | Fuel Name | Fuel Compound | Clad | FHU | Mass (kg) | Effective Enrich % | Fissile (kg) | U Mass (kg) | MTHM | Avg. Burnup MWd/MTHM |
|---|---|---|---|---|---|---|---|---|---|---|
| Ft.St.Vrain Plattville, CO | FSVR | $ThC_2$-$UC_2$ | Graphite | 1464 | 187,392.0 | 77.73400 | 640.84 | 822.50 | 14.73 | 42000 |
| INEEL/ICPP | FSVR | $ThC_2$-$UC_2$ | Graphite | 744 | 95,232.0 | 83.60600 | 257.78 | 308.33 | 8.62 | 16000 |
| INEEL/ICPP | ROVER | U Carbide | None | 65 | 260.0 | 93.02375 | 111.42 | 119.78 | 0.12 | unirradiated |
| INEEL/ICPP | ROVER | U Carbide | None | 2164 | 2,164.0 | 93.14690 | 137.79 | 147.93 | 0.15 | unirradiated |
| INEEL/ICPP | Peach Bottom Unit1 Core2 | $ThC_2$-$UC_2$ | Graphite | 786 | 32,226.0 | 72.68044 | 89.06 | 122.53 | 1.25 | 72717 |
| INEEL/ICPP | Peach Bottom Unit1 Core1 | $ThC_2$-$UC_2$ | Graphite | 796 | 32,636.0 | 85.73079 | 173.89 | 202.27 | 1.61 | 30795 |
| INEEL/ICPP | Peach Bottom Unit1 Core1 | $ThC_2$-$UC_2$ | Graphite | 18 | 738.0 | 85.73076 | 3.93 | 4.57 | 0.04 | 30795 |
| GA, San Diego, CA | GA HTGR Fuel | ThCO-UCO | Graphite | 2 | 30.0 | 80.61923 | 0.14 | 0.17 | 0.00 | |
| ORR, ORNL | Peach Bottom Unit1 Core2 Tests | $ThC_2$-$UC_2$ | Graphite | 24 | 782.4 | 77.68126 | 2.60 | 3.34 | 0.03 | |

# Appendix B: Public Service of Colorado

# Fort St. Vrain Fuel Data Base

The following information was generated and maintained in a database by PSC during the operation of the FSV reactor.

This information was derived from a QA-approved computer system with it attendant software. The original purpose of the database was initially intended to maintain an accountability of the heavy metals in the reactor fuels as they experienced irradiation and changes in the fissile material inventory, both depletion of U-235 and increases in U-233.

Subsequent to maintaining this accountability in support of reactor operation, this information now forms the basis of reporting stored fuel inventories in a NRC-licensed spent fuel storage facility. Additionally, these values will also form a basis for the fissile concentrations used in the proposed criticality analyses for FSV fuels.

The proposed approach for utilizing this data in any criticality analysis is to determine the fissile loading in a spent fuel canister by the following formula:

Fissile content = $^{235}$U (BOL) + $^{233}$U (EOL) + $^{239}$Pu (EOL)

Additionally, the analysis will include EOL values for any reported $^{232}$Th and $^{238}$U quantities, as these materials should be retained in the system due to their low solubilities.

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1-1366 | 11366 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6174.3 | 4751.02 | 49 | 37.71 | 86.71 | 0.05 | 1006.22 | 73.91 | 1.32 | 1.93 | 250.39 | 40.96 | 209.43 | 16.67 |
| 2 | 1-4034 | 14034 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6146.86 | 4729.88 | 68.84 | 52.97 | 121.81 | 0.13 | 914.47 | 72.58 | 2.46 | 2.22 | 342.14 | 57.65 | 284.49 | 22.64 |
| 3 | 1-4035 | 14035 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6177.35 | 4753.41 | 46.58 | 35.84 | 82.42 | 0.04 | 1015.89 | 74.08 | 1.2 | 1.85 | 240.72 | 38.89 | 201.83 | 16.06 |
| 4 | 1-4242 | 14242 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6135.04 | 4720.78 | 76.74 | 59.05 | 135.79 | 0.19 | 879.03 | 71.94 | 3.08 | 2.39 | 377.58 | 64.52 | 313.06 | 24.91 |
| 5 | 1-4273 | 14273 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6169.97 | 4747.77 | 52.21 | 40.18 | 92.39 | 0.06 | 988.25 | 73.67 | 1.5 | 2.01 | 268.36 | 43.69 | 224.67 | 17.88 |
| 6 | 1-4391 | 14391 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6135.04 | 4720.78 | 76.74 | 59.05 | 135.79 | 0.19 | 879.03 | 71.94 | 3.08 | 2.39 | 377.58 | 64.52 | 313.06 | 24.91 |
| 7 | 1-4539 | 14539 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6179.57 | 4754.97 | 44.83 | 34.49 | 79.32 | 0.04 | 1019.55 | 74.21 | 1.12 | 1.77 | 237.06 | 37.38 | 199.68 | 15.89 |
| 8 | 1-4601 | 14601 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6174.3 | 4751.02 | 49 | 37.71 | 86.71 | 0.05 | 1006.22 | 73.91 | 1.32 | 1.93 | 250.39 | 40.96 | 209.43 | 16.67 |
| 9 | 1-4887 | 14887 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6143.26 | 4727.24 | 71.63 | 55.12 | 126.75 | 0.15 | 910.79 | 72.38 | 2.61 | 2.31 | 345.82 | 60.04 | 285.78 | 22.74 |
| 10 | 1-5382 | 15382 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6150.26 | 4732.59 | 66.24 | 50.97 | 117.21 | 0.12 | 920.68 | 72.78 | 2.3 | 2.14 | 335.93 | 55.41 | 280.52 | 22.32 |
| 11 | 1-5392 | 15392 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6151.61 | 4733.49 | 65.81 | 50.64 | 116.45 | 0.11 | 933.15 | 72.74 | 2.28 | 2.28 | 323.46 | 55.2 | 268.26 | 21.35 |
| 12 | 1-6055 | 16055 | 9 | 9/30/94 | 6230.43 | 4794.21 | 11024.64 | 1256.61 | 76.94 | 6155.42 | 4736.47 | 62.93 | 48.42 | 111.35 | 0.1 | 943.54 | 72.96 | 2.09 | 2.2 | 313.07 | 52.71 | 260.36 | 20.72 |
| 13 | 1-2973 | 12973 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6120.96 | 4703.74 | 51.8 | 39.81 | 91.61 | 0.06 | 979.09 | 72.99 | 1.49 | 1.99 | 265.86 | 43.29 | 222.57 | 17.88 |
| 14 | 1-4876 | 14876 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6086.31 | 4677 | 76.13 | 58.5 | 134.63 | 0.19 | 870.88 | 71.27 | 3.05 | 2.37 | 374.07 | 63.92 | 310.15 | 24.91 |
| 15 | 4-2211 | 42211 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6092.22 | 4681.59 | 72.52 | 55.73 | 128.25 | 0.16 | 892.46 | 71.5 | 2.79 | 2.43 | 352.49 | 60.95 | 291.54 | 23.42 |
| 16 | 4-2701 | 42701 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6099.01 | 4686.85 | 68.1 | 52.34 | 120.44 | 0.13 | 919.33 | 71.86 | 2.41 | 2.35 | 325.62 | 57.1 | 268.52 | 21.57 |
| 17 | 5-2721 | 52721 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6094.46 | 4683.39 | 71.06 | 54.61 | 125.67 | 0.15 | 902.34 | 71.71 | 2.59 | 2.29 | 342.61 | 59.49 | 283.12 | 22.74 |
| 18 | 5-4006 | 54006 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6099.01 | 4686.85 | 68.1 | 52.34 | 120.44 | 0.13 | 919.33 | 71.86 | 2.41 | 2.35 | 325.62 | 57.1 | 268.52 | 21.57 |
| 19 | 5-5271 | 55271 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6099.01 | 4686.85 | 68.1 | 52.34 | 120.44 | 0.13 | 919.33 | 71.86 | 2.41 | 2.35 | 325.62 | 57.1 | 268.52 | 21.57 |
| 20 | 5-5354 | 55354 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6092.22 | 4681.59 | 72.52 | 55.73 | 128.25 | 0.16 | 892.46 | 71.5 | 2.79 | 2.43 | 352.49 | 60.95 | 291.54 | 23.42 |
| 21 | 5-5433 | 55433 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6120.96 | 4703.74 | 51.8 | 39.81 | 91.61 | 0.06 | 979.09 | 72.99 | 1.49 | 1.99 | 265.86 | 43.29 | 222.57 | 17.88 |
| 22 | 5-5785 | 55785 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6125.25 | 4706.95 | 48.62 | 37.36 | 85.98 | 0.05 | 996.89 | 73.22 | 1.3 | 1.91 | 248.06 | 40.57 | 207.49 | 16.67 |
| 23 | 5-5806 | 55806 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6094.46 | 4683.39 | 71.06 | 54.61 | 125.67 | 0.15 | 902.34 | 71.71 | 2.59 | 2.29 | 342.61 | 59.49 | 283.12 | 22.74 |
| 24 | 5-5889 | 55889 | 9 | 9/30/94 | 6180.94 | 4749.74 | 10930.68 | 1244.95 | 76.23 | 6092.22 | 4681.59 | 72.52 | 55.73 | 128.25 | 0.16 | 892.46 | 71.5 | 2.79 | 2.43 | 352.49 | 60.95 | 291.54 | 23.42 |
| 25 | 1-1426 | 11426 | 7 | 9/30/94 | 11501 | 0 | 11501 | 1172.00 | 0 | 7071.95 | 4012.92 | 152.88 | 86.75 | 239.63 | 1.85 | 425.08 | 58.37 | 10.83 | 2.39 | 746.92 | 99.97 | 646.95 | 55.20 |
| 26 | 1-6065 | 16065 | 7 | 9/30/94 | 11501 | 0 | 11501 | 1172.00 | 0 | 7162.99 | 4064.59 | 117.48 | 66.67 | 184.15 | 0.68 | 565.51 | 61.67 | 5.98 | 2.2 | 606.49 | 74.85 | 531.64 | 45.36 |
| 27 | 1-0482 | 10482 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6666.4 | 4339.72 | 124.99 | 81.37 | 206.36 | 1 | 573 | 65.03 | 7.71 | 2.35 | 597.46 | 91.43 | 506.03 | 43.23 |
| 28 | 1-0622 | 10622 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6739.1 | 4387.06 | 89.87 | 58.51 | 148.38 | 0.3 | 730.06 | 67.97 | 3.88 | 2.25 | 440.4 | 64.64 | 375.76 | 32.10 |
| 29 | 1-2226 | 12226 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6686.2 | 4352.7 | 116.01 | 75.52 | 191.53 | 0.77 | 603.74 | 65.82 | 6.7 | 2.35 | 566.72 | 84.57 | 482.15 | 41.19 |
| 30 | 1-2955 | 12955 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6664.73 | 4338.61 | 125.65 | 81.8 | 207.45 | 1.01 | 563.46 | 65.01 | 7.87 | 2.36 | 607 | 92.03 | 514.97 | 44.00 |
| 31 | 1-4054 | 14054 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6666.4 | 4339.72 | 124.99 | 81.37 | 206.36 | 1 | 573 | 65.03 | 7.71 | 2.35 | 597.46 | 91.43 | 506.03 | 43.23 |
| 32 | 1-4461 | 14461 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6681.49 | 4349.52 | 119.72 | 77.94 | 197.66 | 0.81 | 610.67 | 65.48 | 7 | 2.5 | 559.79 | 87.44 | 472.35 | 40.36 |
| 33 | 1-4895 | 14895 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6681.49 | 4349.52 | 119.72 | 77.94 | 197.66 | 0.81 | 610.67 | 65.48 | 7 | 2.5 | 559.79 | 87.44 | 472.35 | 40.36 |
| 34 | 1-5089 | 15089 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6739.1 | 4387.06 | 89.87 | 58.51 | 148.38 | 0.3 | 730.06 | 67.97 | 3.88 | 2.25 | 440.4 | 64.64 | 375.76 | 32.10 |
| 35 | 1-5176 | 15176 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6681.49 | 4349.52 | 119.72 | 77.94 | 197.66 | 0.81 | 610.67 | 65.48 | 7 | 2.5 | 559.79 | 87.44 | 472.35 | 40.36 |
| 36 | 1-5675 | 15675 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6739.1 | 4387.06 | 89.87 | 58.51 | 148.38 | 0.3 | 730.06 | 67.97 | 3.88 | 2.25 | 440.4 | 64.64 | 375.76 | 32.10 |
| 37 | 1-5798 | 15798 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6741.62 | 4388.76 | 88.7 | 57.74 | 146.44 | 0.28 | 737.38 | 68.1 | 3.77 | 2.26 | 433.08 | 63.77 | 369.31 | 31.55 |
| 38 | 1-6006 | 16006 | 8 | 9/30/94 | 11324.88 | 0 | 11324.88 | 1170.46 | 73.8 | 6744.81 | 4390.74 | 86.26 | 56.16 | 142.42 | 0.27 | 737.57 | 68.29 | 3.58 | 2.15 | 432.89 | 61.89 | 371 | 31.70 |
| 39 | 1-2744 | 12744 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6621.05 | 4341.38 | 119.83 | 78.58 | 198.41 | 0.92 | 571.55 | 65.39 | 7.27 | 2.22 | 598.69 | 88.07 | 510.62 | 43.63 |
| 40 | 1-2975 | 12975 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6608.41 | 4333.06 | 128.28 | 84.11 | 212.39 | 1.05 | 569.15 | 64.55 | 8.32 | 2.59 | 601.09 | 95.02 | 506.07 | 43.24 |
| 41 | 1-4335 | 14335 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6614.52 | 4337.01 | 124.02 | 81.32 | 205.34 | 0.99 | 572.64 | 64.99 | 7.71 | 2.35 | 597.6 | 91.38 | 506.22 | 43.26 |
| 42 | 1-4964 | 14964 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6590.54 | 4321.22 | 133.92 | 87.81 | 221.73 | 1.31 | 528.15 | 64 | 9.21 | 2.45 | 642.09 | 99.47 | 542.62 | 46.37 |
| 43 | 1-5353 | 15353 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6590.54 | 4321.22 | 133.92 | 87.81 | 221.73 | 1.31 | 528.15 | 64 | 9.21 | 2.45 | 642.09 | 99.47 | 542.62 | 46.37 |
| 44 | 1-5378 | 15378 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6675.22 | 4376.78 | 95.89 | 62.87 | 158.76 | 0.38 | 703.57 | 67.41 | 4.51 | 2.36 | 466.67 | 69.74 | 396.93 | 33.92 |
| 45 | 1-5393 | 15393 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6627.49 | 4345.57 | 119.56 | 78.39 | 197.95 | 0.82 | 599.6 | 65.42 | 7.15 | 2.49 | 570.64 | 88.03 | 482.61 | 41.24 |
| 46 | 1-5424 | 15424 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6590.54 | 4321.22 | 133.92 | 87.81 | 221.73 | 1.31 | 528.15 | 64 | 9.21 | 2.45 | 642.09 | 99.47 | 542.62 | 46.37 |
| 47 | 1-5428 | 15428 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6675.22 | 4376.78 | 95.89 | 62.87 | 158.76 | 0.38 | 703.57 | 67.41 | 4.51 | 2.36 | 466.67 | 69.74 | 396.93 | 33.92 |
| 48 | 1-5725 | 15725 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6608.41 | 4333.06 | 128.28 | 84.11 | 212.39 | 1.05 | 569.15 | 64.55 | 8.32 | 2.59 | 601.09 | 95.02 | 506.07 | 43.24 |
| 49 | 1-5761 | 15761 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6675.22 | 4376.78 | 95.89 | 62.87 | 158.76 | 0.38 | 703.57 | 67.41 | 4.51 | 2.36 | 466.67 | 69.74 | 396.93 | 33.92 |
| 50 | 1-5813 | 15813 | 8 | 9/30/94 | 11268.7 | 0 | 11268.7 | 1170.24 | 73.8 | 6608.41 | 4333.06 | 128.28 | 84.11 | 212.39 | 1.05 | 569.15 | 64.55 | 8.32 | 2.59 | 601.09 | 95.02 | 506.07 | 43.24 |
| 51 | 1-0466 | 10466 | 7 | 9/30/94 | 11538 | 0 | 11538 | 1168.00 | 0 | 7097.58 | 3981.84 | 159.48 | 89.47 | 248.95 | 2.34 | 379.16 | 57.46 | 11.9 | 2.23 | 788.84 | 103.6 | 685.24 | 58.67 |
| 52 | 1-0718 | 10718 | 7 | 9/30/94 | 11538 | 0 | 11538 | 1168.00 | 0 | 7215.98 | 4048.29 | 118.35 | 66.4 | 184.75 | 0.68 | 563.24 | 61.43 | 5.95 | 2.19 | 604.76 | 74.54 | 530.22 | 45.40 |
| 53 | 1-1492 | 11492 | 7 | 9/30/94 | 11538 | 0 | 11538 | 1168.00 | 0 | 7109.92 | 3988.78 | 156.17 | 87.61 | 243.78 | 2.12 | 394.49 | 57.85 | 11.34 | 2.27 | 773.51 | 101.22 | 672.29 | 57.56 |
| 54 | 1-1777 | 11777 | 7 | 9/30/94 | 11538 | 0 | 11538 | 1168.00 | 0 | 7219.02 | 4049.94 | 116.94 | 65.61 | 182.55 | 0.66 | 562.25 | 61.59 | 5.86 | 2.19 | 605.75 | 73.66 | 532.09 | 45.56 |
| 55 | 1-1802 | 11802 | 7 | 9/30/94 | 11538 | 0 | 11538 | 1168.00 | 0 | 7109.92 | 3988.78 | 156.17 | 87.61 | 243.78 | 2.12 | 394.49 | 57.85 | 11.34 | 2.27 | 773.51 | 101.22 | 672.29 | 57.56 |
| 56 | 1-4050 | 14050 | 7 | 9/30/94 | 11538 | 0 | 11538 | 1168.00 | 0 | 7135.93 | 4003.32 | 146.86 | 82.39 | 229.25 | 1.71 | 418.89 | 58.75 | 10.06 | 2.22 | 749.11 | 94.67 | 654.44 | 56.03 |
| 57 | 1-4106 | 14106 | 7 | 9/30/94 | 11538 | 0 | 11538 | 1168.00 | 0 | 7223.51 | 4052.48 | 115.07 | 64.56 | 179.63 | 0.61 | 579.23 | 61.69 | 5.58 | 2.2 | 588.77 | 72.34 | 516.43 | 44.21 |
| 58 | 1-5343 | 15343 | 7 | 9/30/94 | 11538 | 0 | 11538 | 1168.00 | 0 | 7223.51 | 4052.48 | 115.07 | 64.56 | 179.63 | 0.61 | 579.23 | 61.69 | 5.58 | 2.2 | 588.77 | 72.34 | 516.43 | 44.21 |
| 59 | 1-5719 | 15719 | 7 | 9/30/94 | 11482 | 0 | 11482 | 1168.00 | 0 | 7042.38 | 3982.91 | 158.24 | 89.49 | 247.73 | 2.32 | 379.26 | 57.47 | 11.9 | 2.23 | 788.74 | 103.62 | 685.12 | 58.66 |
| 60 | 1-5888 | 15888 | 7 | 9/30/94 | 11490 | 0 | 11490 | 1168.00 | 0 | 7080.37 | 3999.79 | 151.43 | 85.55 | 236.98 | 1.81 | 418.83 | 58.38 | 10.66 | 2.38 | 749.17 | 98.59 | 650.58 | 55.70 |
| 61 | 1-5890 | 15890 | 7 | 9/30/94 | 11482 | 0 | 11482 | 1168.00 | 0 | 7056.88 | 3991.16 | 150.62 | 85.19 | 235.81 | 2.09 | 378.21 | 58.18 | 11.02 | 2.06 | 789.79 | 98.27 | 691.52 | 59.21 |
| 62 | 1-0020 | 10020 | 7 | 9/30/94 | 11574 | 0 | 11574 | 1167.00 | 0 | 7171.19 | 4002.35 | 151.12 | 84.34 | 235.46 | 1.69 | 439.46 | 58.52 | 10.19 | 2.39 | 727.54 | 96.92 | 630.62 | 54.04 |
| 63 | 1-0051 | 10051 | 7 | 9/30/94 | 11574 | 0 | 11574 | 1167.00 | 0 | 7159.45 | 3995.77 | 154.77 | 86.38 | 241.15 | 1.88 | 423.26 | 58.12 | 10.78 | 2.38 | 743.74 | 99.54 | 644.2 | 55.20 |
| 64 | 1-0410 | 10410 | 7 | 9/30/94 | 11574 | 0 | 11574 | 1167.00 | 0 | 7159.45 | 3995.77 | 154.77 | 86.38 | 241.15 | 1.88 | 423.26 | 58.12 | 10.78 | 2.38 | 743.74 | 99.54 | 644.2 | 55.20 |
| 65 | 1-1561 | 11561 | 7 | 9/30/94 | 11574 | 0 | 11574 | 1167.00 | 0 | 7171.19 | 4002.35 | 151.12 | 84.34 | 235.46 | 1.69 | 439.46 | 58.52 | 10.19 | 2.39 | 727.54 | 96.92 | 630.62 | 54.04 |
| 66 | 1-1696 | 11696 | 7 | 9/30/94 | 11574 | 0 | 11574 | 1167.00 | 0 | 7132.63 | 3980.78 | 160.27 | 89.44 | 249.71 | 2.35 | 379.06 | 57.44 | 11.89 | 2.23 | 787.94 | 103.56 | 684.38 | 58.64 |
| 67 | 1-1733 | 11733 | 7 | 9/30/94 | 11574 | 0 | 11574 | 1167.00 | 0 | 7171.19 | 4002.35 | 151.12 | 84.34 | 235.46 | 1.69 | 439.46 | 58.52 | 10.19 | 2.39 | 727.54 | 96.92 | 630.62 | 54.04 |
| 68 | 1-2023 | 12023 | 7 | 9/30/94 | 11574 | 0 | 11574 | 1167.00 | 0 | 7145.03 | 3987.72 | 156.94 | 87.59 | 244.53 | 2.13 | 394.38 | 57.84 | 11.33 | 2.27 | 772.62 | 101.19 | 671.43 | 57.53 |
| 69 | 1-4066 | 14066 | 7 | 9/30/94 | 11488 | 0 | 11488 | 1164.00 | 0 | 7186.67 | 4039.68 | 114.48 | 64.35 | 178.83 | 0.61 | 577.4 | 61.5 | 5.56 | 2.19 | 586.6 | 72.1 | 514.5 | 44.20 |
| 70 | 1-4096 | 14096 | 7 | 9/30/94 | 11454 | 0 | 11454 | 1163.00 | 0 | 7158.72 | 4035.29 | 112.33 | 63.32 | 175.65 | 0.61 | 563.02 | 61.58 | 5.49 | 2.06 | 599.98 | 70.87 | 529.11 | 45.50 |
| 71 | 1-4426 | 14426 | 7 | 9/30/94 | 11454 | 0 | 11454 | 1163.00 | 0 | 7150.8 | 4030.92 | 117.28 | 66.12 | 183.4 | 0.68 | 560.82 | 61.16 | 5.93 | 2.19 | 602.18 | 74.24 | 527.94 | 45.39 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72 | 1-5718 | 15718 | 7 | 9/30/94 | 11454 | 0 | 11454 | 1163.00 | 0 | 7037.56 | 3967.19 | 156.49 | 88.21 | 244.7 | 2.26 | 372.41 | 57.46 | 11.73 | 2.19 | 790.59 | 102.13 | 688.46 | 59.20 |
| 73 | 5-0534 | 50534 | 7 | 9/30/94 | 11725 | 0 | 11725 | 1042.00 | 0 | 7855.8 | 3622.62 | 114.22 | 52.68 | 166.9 | 0.57 | 496.44 | 55.73 | 4.5 | 1.64 | 545.56 | 58.82 | 486.74 | 46.71 |
| 74 | 5-1481 | 51481 | 7 | 9/30/94 | 11725 | 0 | 11725 | 1042.00 | 0 | 7741.32 | 3569.9 | 154.89 | 71.43 | 226.32 | 2.01 | 329.71 | 52.5 | 9.36 | 1.72 | 712.29 | 82.51 | 629.78 | 60.44 |
| 75 | 5-1493 | 51493 | 7 | 9/30/94 | 11725 | 0 | 11725 | 1042.00 | 0 | 7840.83 | 3615.8 | 120.28 | 55.47 | 175.75 | 0.72 | 466.33 | 55.31 | 5.12 | 1.63 | 575.67 | 62.22 | 513.45 | 49.28 |
| 76 | 5-1857 | 51857 | 7 | 9/30/94 | 11725 | 0 | 11725 | 1042.00 | 0 | 7741.25 | 3569.87 | 153.69 | 70.87 | 224.56 | 2.01 | 326.89 | 52.65 | 9.13 | 1.62 | 715.11 | 81.62 | 633.49 | 60.80 |
| 77 | 5-2168 | 52168 | 7 | 9/30/94 | 11725 | 0 | 11725 | 1042.00 | 0 | 7714.27 | 3557.33 | 159.98 | 73.77 | 233.75 | 2.48 | 294.28 | 51.94 | 10.24 | 1.64 | 747.72 | 85.65 | 662.07 | 63.54 |
| 78 | 5-5690 | 55690 | 7 | 9/30/94 | 11725 | 0 | 11725 | 1042.00 | 0 | 7764.15 | 3580.47 | 148.84 | 68.64 | 217.48 | 1.64 | 359.99 | 53.12 | 8.37 | 1.71 | 682.01 | 78.72 | 603.29 | 57.90 |
| 79 | 114103 | 114103 | 9 | 9/30/94 | 7015.2 | 3915.48 | 10930.68 | 1026.28 | 62.84 | 6910.72 | 3857.16 | 83.83 | 46.79 | 130.62 | 0.2 | 706.81 | 58.94 | 2.44 | 1.81 | 319.47 | 51.04 | 268.43 | 26.16 |
| 80 | 114166 | 114166 | 9 | 9/30/94 | 7015.2 | 3915.48 | 10930.68 | 1026.28 | 62.84 | 6954.92 | 3881.77 | 52.74 | 29.44 | 82.18 | 0.05 | 818.02 | 60.52 | 1.01 | 1.47 | 208.26 | 31.92 | 176.34 | 17.18 |
| 81 | 114173 | 114173 | 9 | 9/30/94 | 7015.2 | 3915.48 | 10930.68 | 1026.28 | 62.84 | 6954.92 | 3881.77 | 52.74 | 29.44 | 82.18 | 0.05 | 818.02 | 60.52 | 1.01 | 1.47 | 208.26 | 31.92 | 176.34 | 17.18 |
| 82 | 114184 | 114184 | 9 | 9/30/94 | 7015.2 | 3915.48 | 10930.68 | 1026.28 | 62.84 | 6949.14 | 3878.65 | 57.23 | 31.94 | 89.17 | 0.06 | 805.53 | 60.29 | 1.17 | 1.58 | 220.75 | 34.69 | 186.06 | 18.13 |
| 83 | 114091 | 114091 | 9 | 9/30/94 | 6968.97 | 3898.71 | 10867.68 | 1021.89 | 62.57 | 6875.64 | 3846.54 | 76.54 | 42.82 | 119.36 | 0.15 | 732.23 | 59.08 | 2.02 | 1.74 | 289.66 | 46.58 | 243.08 | 23.79 |
| 84 | 114045 | 114045 | 9 | 9/30/94 | 6946.48 | 3894.2 | 10840.68 | 1020.70 | 62.5 | 6839.69 | 3834.31 | 85.08 | 47.7 | 132.78 | 0.21 | 694.58 | 58.51 | 2.56 | 1.82 | 326.12 | 52.08 | 274.04 | 26.85 |
| 85 | 114143 | 114143 | 9 | 9/30/94 | 6946.48 | 3894.2 | 10840.68 | 1020.70 | 62.5 | 6855.27 | 3843.06 | 75.48 | 42.32 | 117.8 | 0.14 | 741.11 | 59.05 | 1.95 | 1.79 | 279.59 | 46.06 | 233.53 | 22.88 |
| 86 | 114172 | 114172 | 9 | 9/30/94 | 6966.23 | 3894.1 | 10860.33 | 1020.67 | 62.5 | 6907.62 | 3861.33 | 51.34 | 28.7 | 80.04 | 0.04 | 815.68 | 60.26 | 0.97 | 1.43 | 204.99 | 31.1 | 173.89 | 17.04 |
| 87 | 114185 | 114185 | 9 | 9/30/94 | 6966.23 | 3894.1 | 10860.33 | 1020.67 | 62.5 | 6866.75 | 3838.53 | 80.14 | 44.8 | 124.94 | 0.18 | 708.71 | 58.82 | 2.26 | 1.73 | 311.96 | 48.79 | 263.17 | 25.78 |
| 88 | 113023 | 113023 | 9 | 9/30/94 | 6923.27 | 3882.13 | 10805.4 | 1017.54 | 62.3 | 6863.34 | 3848.57 | 52.03 | 29.17 | 81.2 | 0.05 | 803.1 | 60.03 | 1.01 | 1.41 | 214.44 | 31.59 | 182.85 | 17.97 |
| 89 | 113042 | 113042 | 9 | 9/30/94 | 6923.27 | 3882.13 | 10805.4 | 1017.54 | 62.3 | 6827.49 | 3828.41 | 78.73 | 44.15 | 122.88 | 0.16 | 730.81 | 58.61 | 2.15 | 1.91 | 286.73 | 48.21 | 238.52 | 23.44 |
| 90 | 113075 | 113075 | 9 | 9/30/94 | 6923.27 | 3882.13 | 10805.4 | 1017.54 | 62.3 | 6859.65 | 3846.51 | 55.05 | 30.87 | 85.92 | 0.05 | 796.99 | 59.86 | 1.12 | 1.5 | 220.55 | 33.49 | 187.06 | 18.38 |
| 91 | 113076 | 113076 | 9 | 9/30/94 | 6923.27 | 3882.13 | 10805.4 | 1017.54 | 62.3 | 6830.56 | 3830.18 | 76.04 | 42.64 | 118.68 | 0.15 | 729.11 | 58.83 | 2.01 | 1.73 | 288.43 | 46.38 | 242.05 | 23.79 |
| 92 | 113101 | 113101 | 9 | 9/30/94 | 6923.27 | 3882.13 | 10805.4 | 1017.54 | 62.3 | 6827.49 | 3828.41 | 78.73 | 44.15 | 122.88 | 0.16 | 730.81 | 58.61 | 2.15 | 1.91 | 286.73 | 48.21 | 238.52 | 23.44 |
| 93 | 113103 | 113103 | 9 | 9/30/94 | 6923.27 | 3882.13 | 10805.4 | 1017.54 | 62.3 | 6835.57 | 3832.94 | 73 | 40.93 | 113.93 | 0.13 | 746.14 | 58.95 | 1.86 | 1.79 | 271.4 | 44.58 | 226.82 | 22.29 |
| 94 | 113112 | 113112 | 9 | 9/30/94 | 6923.27 | 3882.13 | 10805.4 | 1017.54 | 62.3 | 6818.55 | 3823.41 | 84.28 | 47.26 | 131.54 | 0.2 | 704.61 | 58.37 | 2.46 | 1.86 | 312.93 | 51.58 | 261.35 | 25.68 |
| 95 | 113151 | 113151 | 9 | 9/30/94 | 6923.27 | 3882.13 | 10805.4 | 1017.54 | 62.3 | 6858.71 | 3845.92 | 55.71 | 31.24 | 86.95 | 0.06 | 793.86 | 59.83 | 1.15 | 1.51 | 223.68 | 33.9 | 189.78 | 18.65 |
| 96 | 113171 | 113171 | 9 | 9/30/94 | 6923.27 | 3882.13 | 10805.4 | 1017.54 | 62.3 | 6838.49 | 3834.54 | 70.89 | 39.75 | 110.64 | 0.12 | 752.35 | 59.06 | 1.76 | 1.76 | 265.19 | 43.27 | 221.92 | 21.81 |
| 97 | 113132 | 113132 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7074.46 | 3811.51 | 88 | 47.41 | 135.41 | 0.22 | 690.45 | 58.16 | 2.55 | 1.81 | 324.18 | 51.77 | 272.41 | 26.85 |
| 98 | 113153 | 113153 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7109.01 | 3830.15 | 65.17 | 35.11 | 100.28 | 0.08 | 784.23 | 59.3 | 1.37 | 1.68 | 230.4 | 38.16 | 192.24 | 18.95 |
| 99 | 114012 | 114012 | 9 | 9/30/94 | 7140.81 | 3871.05 | 11011.86 | 1014.63 | 62.13 | 7058.38 | 3826.37 | 69.62 | 37.74 | 107.36 | 0.1 | 762.3 | 59.1 | 1.57 | 1.66 | 252.33 | 40.97 | 211.36 | 20.83 |
| 100 | 114023 | 114023 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6883.05 | 3825.16 | 69.76 | 38.77 | 108.53 | 0.1 | 762.53 | 58.94 | 1.67 | 1.8 | 252.1 | 42.24 | 209.86 | 20.68 |
| 101 | 114081 | 114081 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7077.91 | 3813.39 | 85.86 | 46.26 | 132.12 | 0.2 | 698.79 | 58.27 | 2.42 | 1.79 | 315.84 | 50.47 | 265.37 | 26.15 |
| 102 | 114083 | 114083 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7129.74 | 3841.27 | 49.02 | 26.41 | 75.43 | 0.03 | 831.37 | 60.06 | 0.82 | 1.39 | 183.26 | 28.62 | 154.64 | 15.24 |
| 103 | 114084 | 114084 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7086.92 | 3818.3 | 80.3 | 43.26 | 123.56 | 0.16 | 724.75 | 58.52 | 2.13 | 1.85 | 289.88 | 47.24 | 242.64 | 23.91 |
| 104 | 114112 | 114112 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7093.53 | 3821.8 | 75.51 | 40.68 | 116.19 | 0.13 | 734.43 | 58.79 | 1.9 | 1.74 | 280.2 | 44.32 | 235.88 | 23.25 |
| 105 | 115032 | 115032 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6877.08 | 3821.8 | 73.21 | 40.68 | 113.89 | 0.13 | 734.43 | 58.79 | 1.9 | 1.74 | 280.2 | 44.32 | 235.88 | 23.25 |
| 106 | 115044 | 115044 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6888.92 | 3828.41 | 65.64 | 36.48 | 102.12 | 0.08 | 779.07 | 59.16 | 1.47 | 1.74 | 235.56 | 39.69 | 195.87 | 19.30 |
| 107 | 115051 | 115051 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7087.76 | 3818.71 | 79.67 | 42.93 | 122.6 | 0.16 | 725.98 | 58.55 | 2.1 | 1.83 | 288.65 | 46.86 | 241.79 | 23.83 |
| 108 | 115054 | 115054 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6870.67 | 3818.3 | 77.85 | 43.26 | 121.11 | 0.15 | 724.75 | 58.52 | 2.13 | 1.85 | 289.88 | 47.24 | 242.64 | 23.91 |
| 109 | 115065 | 115065 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6874.21 | 3820.21 | 75.69 | 42.06 | 117.75 | 0.14 | 736.7 | 58.69 | 1.94 | 1.77 | 277.93 | 45.77 | 232.16 | 22.88 |
| 110 | 115071 | 115071 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6881.23 | 3824.08 | 70.94 | 39.42 | 110.36 | 0.11 | 756.37 | 58.95 | 1.69 | 1.72 | 258.26 | 42.83 | 215.43 | 21.23 |
| 111 | 115082 | 115082 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6908.74 | 3839.36 | 50.22 | 27.91 | 78.13 | 0.04 | 821.32 | 59.93 | 0.91 | 1.44 | 193.31 | 30.26 | 163.05 | 16.07 |
| 112 | 115105 | 115105 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7132.04 | 3842.52 | 47.15 | 25.4 | 72.55 | 0.03 | 835.2 | 60.15 | 0.77 | 1.34 | 179.43 | 27.51 | 151.92 | 14.97 |
| 113 | 115116 | 115116 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6908.74 | 3839.36 | 50.22 | 27.91 | 78.13 | 0.04 | 821.32 | 59.93 | 0.91 | 1.44 | 193.31 | 30.26 | 163.05 | 16.07 |
| 114 | 115123 | 115123 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6912.18 | 3841.27 | 47.52 | 26.41 | 73.93 | 0.03 | 831.37 | 60.06 | 0.82 | 1.39 | 183.26 | 28.62 | 154.64 | 15.24 |
| 115 | 115132 | 115132 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6892.09 | 3830.15 | 63.18 | 35.11 | 98.29 | 0.08 | 784.23 | 59.3 | 1.37 | 1.68 | 230.4 | 38.16 | 192.24 | 18.95 |
| 116 | 115135 | 115135 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6881.23 | 3824.08 | 70.94 | 39.42 | 110.36 | 0.11 | 756.37 | 58.95 | 1.69 | 1.72 | 258.26 | 42.83 | 215.43 | 21.23 |
| 117 | 115136 | 115136 | 9 | 9/30/94 | 6965.67 | 3871.05 | 10836.72 | 1014.63 | 62.13 | 6866.19 | 3815.81 | 80.14 | 44.54 | 124.68 | 0.18 | 704.51 | 58.48 | 2.24 | 1.72 | 310.12 | 48.5 | 261.62 | 25.78 |
| 118 | 115143 | 115143 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7132.04 | 3842.52 | 47.15 | 25.4 | 72.55 | 0.03 | 835.2 | 60.15 | 0.77 | 1.34 | 179.43 | 27.51 | 151.92 | 14.97 |
| 119 | 115144 | 115144 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7099.69 | 3825.16 | 71.95 | 38.77 | 110.72 | 0.11 | 762.53 | 58.94 | 1.67 | 1.8 | 252.1 | 42.24 | 209.86 | 20.68 |
| 120 | 115164 | 115164 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7087.76 | 3818.71 | 79.67 | 42.93 | 122.6 | 0.16 | 725.98 | 58.55 | 2.1 | 1.83 | 288.65 | 46.86 | 241.79 | 23.83 |
| 121 | 115165 | 115165 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7105.74 | 3828.41 | 67.71 | 36.48 | 104.19 | 0.09 | 779.07 | 59.16 | 1.47 | 1.74 | 235.56 | 39.69 | 195.87 | 19.30 |
| 122 | 115174 | 115174 | 9 | 9/30/94 | 7184.91 | 3871.05 | 11055.96 | 1014.63 | 62.13 | 7101.97 | 3826.37 | 70.05 | 37.74 | 107.79 | 0.1 | 762.3 | 59.1 | 1.57 | 1.66 | 252.33 | 40.97 | 211.36 | 20.83 |
| 123 | 113035 | 113035 | 9 | 9/30/94 | 6862.7 | 3848.74 | 10711.44 | 1008.79 | 61.77 | 6766.34 | 3794.7 | 78.44 | 43.99 | 122.43 | 0.17 | 711.58 | 58.17 | 2.15 | 1.75 | 297.21 | 47.89 | 249.32 | 24.71 |
| 124 | 113046 | 113046 | 9 | 9/30/94 | 6862.7 | 3848.74 | 10711.44 | 1008.79 | 61.77 | 6798.7 | 3812.85 | 55.22 | 30.97 | 86.19 | 0.06 | 787.03 | 59.32 | 1.14 | 1.49 | 221.76 | 33.6 | 188.16 | 18.65 |
| 125 | 113071 | 113071 | 9 | 9/30/94 | 6862.7 | 3848.74 | 10711.44 | 1008.79 | 61.77 | 6798.07 | 3812.55 | 55.98 | 31.4 | 87.38 | 0.06 | 791.8 | 59.26 | 1.15 | 1.55 | 216.99 | 34.1 | 182.89 | 18.13 |
| 126 | 113074 | 113074 | 9 | 9/30/94 | 6862.7 | 3848.74 | 10711.44 | 1008.79 | 61.77 | 6778.66 | 3801.57 | 70.27 | 39.41 | 109.68 | 0.12 | 745.88 | 58.55 | 1.74 | 1.74 | 262.91 | 42.89 | 220.02 | 21.81 |
| 127 | 113115 | 113115 | 9 | 9/30/94 | 6862.7 | 3848.74 | 10711.44 | 1008.79 | 61.77 | 6799.63 | 3813.43 | 54.57 | 30.6 | 85.17 | 0.05 | 790.14 | 59.35 | 1.11 | 1.49 | 218.65 | 33.2 | 185.45 | 18.38 |
| 128 | 113126 | 113126 | 9 | 9/30/94 | 6862.7 | 3848.74 | 10711.44 | 1008.79 | 61.77 | 6804.95 | 3816.36 | 50.57 | 28.36 | 78.93 | 0.04 | 806.18 | 59.55 | 0.95 | 1.41 | 202.61 | 30.72 | 171.89 | 17.04 |
| 129 | 114105 | 114105 | 9 | 9/30/94 | 6862.7 | 3848.74 | 10711.44 | 1008.79 | 61.77 | 6775.76 | 3799.98 | 72.36 | 40.58 | 112.94 | 0.13 | 739.72 | 58.44 | 1.84 | 1.78 | 269.07 | 44.2 | 224.87 | 22.29 |
| 130 | 114123 | 114123 | 9 | 9/30/94 | 6862.7 | 3848.74 | 10711.44 | 1008.79 | 61.77 | 6758.89 | 3790.53 | 83.54 | 46.85 | 130.39 | 0.2 | 698.55 | 57.87 | 2.44 | 1.84 | 310.24 | 51.13 | 259.11 | 25.69 |
| 131 | 114131 | 114131 | 9 | 9/30/94 | 6862.7 | 3848.74 | 10711.44 | 1008.79 | 61.77 | 6766.34 | 3794.7 | 78.44 | 43.99 | 122.43 | 0.17 | 711.58 | 58.17 | 2.15 | 1.75 | 297.21 | 47.89 | 249.32 | 24.71 |
| 132 | 114142 | 114142 | 9 | 9/30/94 | 6862.7 | 3848.74 | 10711.44 | 1008.79 | 61.77 | 6803.29 | 3815.47 | 51.57 | 28.92 | 80.49 | 0.05 | 796.19 | 59.51 | 1.01 | 1.4 | 212.6 | 31.33 | 181.27 | 17.97 |
| 133 | 5-5264 | 55264 | 7 | 9/30/94 | 12003 | 0 | 12003 | 983.00 | 0 | 8247.54 | 3382.67 | 144.12 | 59.11 | 203.23 | 1.65 | 309.17 | 50.77 | 7.24 | 1.3 | 673.83 | 67.65 | 606.18 | 61.67 |
| 134 | 5-5272 | 55272 | 7 | 9/30/94 | 12003 | 0 | 12003 | 983.00 | 0 | 8340.75 | 3420.93 | 112.3 | 46.06 | 158.36 | 0.58 | 441.64 | 53.04 | 3.9 | 1.23 | 541.36 | 51.19 | 490.17 | 49.86 |
| 135 | 5-5363 | 55363 | 7 | 9/30/94 | 11997 | 0 | 11997 | 981.00 | 0 | 8334.17 | 3409.44 | 116.05 | 47.48 | 163.53 | 0.66 | 420.71 | 52.74 | 4.25 | 1.25 | 560.29 | 52.98 | 507.31 | 51.71 |
| 136 | 5-5697 | 55697 | 7 | 9/30/94 | 11997 | 0 | 11997 | 981.00 | 0 | 8214.92 | 3360.69 | 151.41 | 61.94 | 213.35 | 2.18 | 259.62 | 50.07 | 8.31 | 1.26 | 721.38 | 71.51 | 649.87 | 66.25 |
| 137 | 5-5821 | 55821 | 7 | 9/30/94 | 11997 | 0 | 11997 | 981.00 | 0 | 8238.99 | 3370.53 | 147.2 | 60.22 | 207.42 | 1.8 | 290.87 | 50.47 | 7.67 | 1.32 | 690.13 | 69.21 | 620.92 | 63.29 |
| 138 | 5-4499 | 54499 | 7 | 9/30/94 | 11960 | 0 | 11960 | 980.00 | 0 | 8191.57 | 3362.8 | 147.88 | 60.71 | 208.59 | 2 | 275.95 | 50.25 | 7.79 | 1.22 | 704.05 | 69.72 | 634.33 | 64.73 |
| 139 | 5-5379 | 55379 | 7 | 9/30/94 | 11960 | 0 | 11960 | 980.00 | 0 | 8191.54 | 3362.81 | 148.07 | 60.79 | 208.86 | 2 | 276.66 | 50.2 | 7.87 | 1.24 | 703.34 | 69.9 | 633.44 | 64.64 |
| 140 | 5-5735 | 55735 | 7 | 9/30/94 | 11960 | 0 | 11960 | 980.00 | 0 | 8214.85 | 3372.38 | 143.68 | 58.98 | 202.66 | 1.64 | 305.82 | 50.66 | 7.19 | 1.28 | 674.18 | 67.45 | 606.73 | 61.91 |
| 141 | 5-5816 | 55816 | 7 | 9/30/94 | 11960 | 0 | 11960 | 980.00 | 0 | 8306.22 | 3409.91 | 112.85 | 46.33 | 159.18 | 0.59 | 437.4 | 52.82 | 3.97 | 1.24 | 542.6 | 51.54 | 491.06 | 50.11 |
| 142 | 1-4222 | 14222 | 8 | 9/30/94 | 10517.31 | 0 | 10517.31 | 969.49 | 61.12 | 6694.73 | 3631.49 | 91.31 | 49.53 | 140.84 | 0.32 | 581.33 | 56.33 | 3.35 | 1.77 | 388.16 | 54.65 | 333.51 | 34.40 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | 1-4423 | 14423 | 8 | 9/30/94 | 10517.31 | 0 | 10517.31 | 969.49 | 61.12 | 6718.41 | 3644.39 | 78.44 | 42.55 | 120.99 | 0.18 | 645.94 | 57.12 | 2.37 | 1.72 | 323.55 | 46.64 | 276.91 | 28.56 |
| 144 | 1-4433 | 14433 | 8 | 9/30/94 | 10517.31 | 0 | 10517.31 | 969.49 | 61.12 | 6694.73 | 3631.49 | 91.31 | 49.53 | 140.84 | 0.32 | 581.33 | 56.33 | 3.35 | 1.77 | 388.16 | 54.65 | 333.51 | 34.40 |
| 145 | 1-4022 | 14022 | 7 | 9/30/94 | 11193 | 0 | 11193 | 961.00 | 0 | 7497.23 | 3286.82 | 161.85 | 70.96 | 232.81 | 1.99 | 328.47 | 48.03 | 8.91 | 1.73 | 632.53 | 81.6 | 550.93 | 57.33 |
| 146 | 1-4128 | 14128 | 7 | 9/30/94 | 11193 | 0 | 11193 | 961.00 | 0 | 7524.13 | 3298.61 | 155.2 | 68.04 | 223.24 | 1.57 | 366.39 | 48.6 | 7.95 | 1.86 | 594.61 | 77.85 | 516.76 | 53.77 |
| 147 | 1-4506 | 14506 | 7 | 9/30/94 | 11193 | 0 | 11193 | 961.00 | 0 | 7596.52 | 3330.32 | 121.61 | 53.32 | 174.93 | 0.72 | 433.03 | 50.76 | 4.91 | 1.55 | 527.97 | 59.78 | 468.19 | 48.72 |
| 148 | 1-5384 | 15384 | 7 | 9/30/94 | 11193 | 0 | 11193 | 961.00 | 0 | 7612.52 | 3337.37 | 116.8 | 51.21 | 168.01 | 0.57 | 472 | 51.13 | 4.3 | 1.66 | 489 | 57.17 | 431.83 | 44.94 |
| 149 | 1-5726 | 15726 | 7 | 9/30/94 | 11193 | 0 | 11193 | 961.00 | 0 | 7497.23 | 3286.82 | 161.85 | 70.96 | 232.81 | 1.99 | 328.47 | 48.03 | 8.91 | 1.73 | 632.53 | 81.6 | 550.93 | 57.33 |
| 150 | 1-5787 | 15787 | 7 | 9/30/94 | 11193 | 0 | 11193 | 961.00 | 0 | 7472.53 | 3275.98 | 164.4 | 72.07 | 236.47 | 2.42 | 290.81 | 47.49 | 9.77 | 1.64 | 670.19 | 83.48 | 586.71 | 61.05 |
| 151 | 1-4511 | 14511 | 7 | 9/30/94 | 11112 | 0 | 11112 | 960.00 | 0 | 7522.37 | 3330.7 | 120.34 | 53.29 | 173.63 | 0.67 | 446.95 | 50.79 | 4.77 | 1.63 | 513.05 | 59.69 | 453.36 | 47.23 |
| 152 | 1-5752 | 15752 | 7 | 9/30/94 | 11112 | 0 | 11112 | 960.00 | 0 | 7406.21 | 3279.27 | 162.55 | 71.97 | 234.52 | 2.21 | 303.21 | 47.6 | 9.73 | 1.78 | 656.79 | 83.48 | 573.31 | 59.72 |
| 153 | 1-6064 | 16064 | 7 | 9/30/94 | 11112 | 0 | 11112 | 960.00 | 0 | 7447.26 | 3297.43 | 153.61 | 68.02 | 221.63 | 1.55 | 366.26 | 48.58 | 7.94 | 1.86 | 593.74 | 77.82 | 515.92 | 53.74 |
| 154 | 1-5730 | 15730 | 7 | 9/30/94 | 11001 | 0 | 11001 | 957.00 | 0 | 7417.8 | 3314.42 | 121.97 | 54.5 | 176.47 | 0.75 | 429.1 | 50.38 | 5.1 | 1.61 | 527.9 | 61.21 | 466.69 | 48.77 |
| 155 | 1-5692 | 15692 | 7 | 9/30/94 | 11038 | 0 | 11038 | 956.00 | 0 | 7457.94 | 3314.15 | 122.23 | 54.32 | 176.55 | 0.72 | 436.61 | 50.41 | 5.01 | 1.65 | 519.39 | 60.98 | 458.41 | 47.95 |
| 156 | 1-4078 | 14078 | 8 | 9/30/94 | 10929.72 | 0 | 10929.72 | 955.93 | 60.28 | 7172.1 | 3591.61 | 85.75 | 42.94 | 128.69 | 0.21 | 626.65 | 56.19 | 2.48 | 1.71 | 329.28 | 47.13 | 282.15 | 29.52 |
| 157 | 1-4215 | 14215 | 8 | 9/30/94 | 10929.72 | 0 | 10929.72 | 955.93 | 60.28 | 7075.8 | 3543.35 | 134.19 | 67.2 | 201.39 | 1.06 | 456.13 | 53.05 | 6.55 | 1.97 | 499.8 | 75.72 | 424.08 | 44.36 |
| 158 | 1-4549 | 14549 | 8 | 9/30/94 | 10929.72 | 0 | 10929.72 | 955.93 | 60.28 | 7118.38 | 3564.67 | 115.95 | 58.06 | 174.01 | 0.57 | 531.82 | 54.41 | 4.59 | 1.94 | 424.11 | 64.59 | 359.52 | 37.61 |
| 159 | 1-4563 | 14563 | 8 | 9/30/94 | 10929.72 | 0 | 10929.72 | 955.93 | 60.28 | 7096.48 | 3553.66 | 124.82 | 62.51 | 187.33 | 0.8 | 485.45 | 53.84 | 5.46 | 1.8 | 470.48 | 69.77 | 400.71 | 41.92 |
| 160 | 1-4646 | 14646 | 8 | 9/30/94 | 10929.72 | 0 | 10929.72 | 955.93 | 60.28 | 7088.35 | 3549.64 | 127.95 | 64.07 | 192.02 | 0.92 | 467.89 | 53.49 | 5.99 | 1.88 | 488.04 | 71.94 | 416.1 | 43.53 |
| 161 | 1-5342 | 15342 | 8 | 9/30/94 | 10929.72 | 0 | 10929.72 | 955.93 | 60.28 | 7039.41 | 3525.13 | 144.59 | 72.41 | 217 | 1.56 | 386.44 | 52.14 | 8.13 | 1.76 | 569.49 | 82.3 | 487.19 | 50.97 |
| 162 | 1-5415 | 15415 | 8 | 9/30/94 | 10929.72 | 0 | 10929.72 | 955.93 | 60.28 | 7119.19 | 3565.08 | 115.95 | 58.06 | 174.01 | 0.56 | 536.64 | 54.41 | 4.55 | 1.96 | 419.29 | 64.57 | 354.72 | 37.11 |
| 163 | 1-5727 | 15727 | 8 | 9/30/94 | 10929.72 | 0 | 10929.72 | 955.93 | 60.28 | 7172.42 | 3591.71 | 85.68 | 42.91 | 128.59 | 0.21 | 628.44 | 56.2 | 2.47 | 1.72 | 327.49 | 47.1 | 280.39 | 29.33 |
| 164 | 1-0634 | 10634 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7141.24 | 3551.07 | 125.32 | 62.32 | 187.64 | 0.79 | 490.14 | 53.81 | 5.4 | 1.82 | 464.87 | 69.54 | 395.33 | 41.40 |
| 165 | 1-1496 | 11496 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7098.81 | 3530 | 140.98 | 70.11 | 211.09 | 1.35 | 416.09 | 52.55 | 7.32 | 1.77 | 538.92 | 79.2 | 459.72 | 48.14 |
| 166 | 1-1631 | 11631 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7112.58 | 3536.74 | 134.98 | 67.12 | 202.1 | 1.17 | 431.02 | 53.01 | 6.68 | 1.72 | 523.99 | 75.52 | 448.47 | 46.96 |
| 167 | 1-1708 | 11708 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7110.99 | 3536.03 | 135.62 | 67.44 | 203.06 | 1.18 | 428.72 | 52.94 | 6.77 | 1.72 | 526.29 | 75.93 | 450.36 | 47.16 |
| 168 | 1-2343 | 12343 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7129.53 | 3545.27 | 129.78 | 64.54 | 194.32 | 0.93 | 464.91 | 53.38 | 6.06 | 1.87 | 490.1 | 72.47 | 417.63 | 43.73 |
| 169 | 1-2949 | 12949 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7131.56 | 3546.25 | 128.73 | 64.01 | 192.74 | 0.92 | 467.44 | 53.44 | 5.98 | 1.87 | 487.57 | 71.86 | 415.71 | 43.53 |
| 170 | 1-2958 | 12958 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7095.8 | 3528.41 | 141.45 | 70.34 | 211.79 | 1.37 | 405.56 | 52.49 | 7.52 | 1.76 | 549.45 | 79.62 | 469.83 | 49.20 |
| 171 | 1-2959 | 12959 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7119.76 | 3540.31 | 133.9 | 66.58 | 200.48 | 1.04 | 447.55 | 53.07 | 6.58 | 1.89 | 507.46 | 75.05 | 432.41 | 45.28 |
| 172 | 1-4214 | 14214 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7196.2 | 3578.43 | 96.53 | 48 | 144.53 | 0.34 | 571.76 | 55.53 | 3.27 | 1.73 | 383.25 | 53 | 330.25 | 34.58 |
| 173 | 1-4274 | 14274 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7110.99 | 3536.03 | 135.62 | 67.44 | 203.06 | 1.18 | 428.72 | 52.94 | 6.77 | 1.72 | 526.29 | 75.93 | 450.36 | 47.16 |
| 174 | 1-4979 | 14979 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7087.88 | 3524.52 | 144.34 | 71.78 | 216.12 | 1.49 | 393.12 | 52.25 | 7.95 | 1.78 | 561.89 | 81.51 | 480.38 | 50.30 |
| 175 | 1-5097 | 15097 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7196.2 | 3578.43 | 96.53 | 48 | 144.53 | 0.34 | 571.76 | 55.53 | 3.27 | 1.73 | 383.25 | 53 | 330.25 | 34.58 |
| 176 | 1-5143 | 15143 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7118.86 | 3539.84 | 134.47 | 66.87 | 201.34 | 1.05 | 446.21 | 53.03 | 6.68 | 1.92 | 508.8 | 75.47 | 433.33 | 45.37 |
| 177 | 1-6007 | 16007 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7115.56 | 3538.33 | 135.51 | 67.39 | 202.9 | 1.08 | 443.52 | 52.93 | 6.76 | 1.91 | 511.49 | 76.06 | 435.43 | 45.59 |
| 178 | 1-6010 | 16010 | 8 | 9/30/94 | 10970.64 | 0 | 10970.64 | 955.01 | 60.22 | 7118.86 | 3539.84 | 134.47 | 66.87 | 201.34 | 1.05 | 446.21 | 53.03 | 6.68 | 1.92 | 508.8 | 75.47 | 433.33 | 45.37 |
| 179 | 1-4057 | 14057 | 7 | 9/30/94 | 11004 | 0 | 11004 | 955.00 | 0 | 7365.3 | 3279.14 | 147.46 | 65.65 | 213.11 | 1.52 | 353.53 | 48.51 | 7.66 | 1.7 | 601.47 | 75.01 | 526.46 | 55.13 |
| 180 | 1-0913 | 10913 | 7 | 9/30/94 | 11062 | 0 | 11062 | 954.00 | 0 | 7390.96 | 3263.12 | 155.86 | 68.81 | 224.67 | 2.02 | 307.73 | 47.68 | 8.99 | 1.65 | 646.27 | 79.45 | 566.82 | 59.42 |
| 181 | 1-4011 | 14011 | 7 | 9/30/94 | 11106 | 0 | 11106 | 953.00 | 0 | 7531.83 | 3303.19 | 123.85 | 54.32 | 178.17 | 0.76 | 427.65 | 50.21 | 5.08 | 1.6 | 525.35 | 61 | 464.35 | 48.73 |
| 182 | 1-5815 | 15815 | 7 | 9/30/94 | 11106 | 0 | 11106 | 953.00 | 0 | 7435.65 | 3261.01 | 156.8 | 68.77 | 225.57 | 2.03 | 307.53 | 47.65 | 8.98 | 1.65 | 645.47 | 79.4 | 566.07 | 59.40 |
| 183 | 1-2331 | 12331 | 7 | 9/30/94 | 11108 | 0 | 11108 | 952.00 | 0 | 7381.33 | 3231.68 | 171.39 | 75.04 | 246.43 | 3.11 | 246.17 | 46.21 | 11.33 | 1.69 | 705.83 | 88.06 | 617.77 | 64.89 |
| 184 | 1-4152 | 14152 | 7 | 9/30/94 | 11108 | 0 | 11108 | 952.00 | 0 | 7552.94 | 3306.83 | 118.56 | 51.91 | 170.47 | 0.6 | 462.11 | 50.55 | 4.46 | 1.68 | 489.89 | 58.05 | 431.84 | 45.36 |
| 185 | 1-4732 | 14732 | 7 | 9/30/94 | 11108 | 0 | 11108 | 952.00 | 0 | 7542.8 | 3302.4 | 121.77 | 53.31 | 175.08 | 0.69 | 440.82 | 50.3 | 4.81 | 1.61 | 511.18 | 59.73 | 451.45 | 47.42 |
| 186 | 1-5288 | 15288 | 7 | 9/30/94 | 11108 | 0 | 11108 | 952.00 | 0 | 7418.57 | 3247.97 | 163.21 | 71.46 | 234.67 | 2.4 | 288.33 | 47.08 | 9.69 | 1.62 | 663.67 | 82.77 | 580.9 | 61.02 |
| 187 | 1-5300 | 15300 | 7 | 9/30/94 | 11108 | 0 | 11108 | 952.00 | 0 | 7448.95 | 3261.27 | 157.8 | 69.09 | 226.89 | 1.88 | 327.64 | 47.84 | 8.52 | 1.66 | 624.36 | 79.27 | 545.09 | 57.26 |
| 188 | 1-5307 | 15307 | 7 | 9/30/94 | 11108 | 0 | 11108 | 952.00 | 0 | 7448.97 | 3261.29 | 157.26 | 68.85 | 226.11 | 1.87 | 327.12 | 47.72 | 8.65 | 1.72 | 624.88 | 79.22 | 545.66 | 57.32 |
| 189 | 1-5854 | 15854 | 7 | 9/30/94 | 11108 | 0 | 11108 | 952.00 | 0 | 7423.56 | 3250.13 | 154.99 | 67.86 | 222.85 | 2.56 | 277.29 | 46.78 | 10.3 | 1.68 | 674.71 | 79.84 | 594.87 | 62.49 |
| 190 | 1-5892 | 15892 | 7 | 9/30/94 | 11108 | 0 | 11108 | 952.00 | 0 | 7557.55 | 3308.84 | 115.96 | 50.77 | 166.73 | 0.57 | 467.96 | 50.69 | 4.26 | 1.64 | 484.04 | 56.67 | 427.37 | 44.89 |
| 191 | 1-0971 | 10971 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6935.13 | 3516.15 | 138.24 | 70.09 | 208.33 | 1.34 | 404.15 | 52.31 | 7.5 | 1.75 | 547.55 | 79.34 | 468.21 | 49.20 |
| 192 | 1-2950 | 12950 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6954.44 | 3526.04 | 132.45 | 67.15 | 199.6 | 1.06 | 441.98 | 52.74 | 6.73 | 1.9 | 509.72 | 75.78 | 433.94 | 45.60 |
| 193 | 1-2974 | 12974 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 7006.49 | 3552.38 | 110.95 | 56.26 | 167.21 | 0.5 | 544.36 | 54.4 | 4.26 | 1.92 | 407.34 | 62.44 | 344.9 | 36.24 |
| 194 | 1-4119 | 14119 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6958.55 | 3528.01 | 130.86 | 66.35 | 197.21 | 1.02 | 445.99 | 52.89 | 6.56 | 1.88 | 505.71 | 74.79 | 430.92 | 45.28 |
| 195 | 1-4155 | 14155 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6957.76 | 3527.67 | 131.95 | 66.9 | 198.85 | 1.05 | 454.11 | 52.82 | 6.52 | 1.96 | 497.59 | 75.38 | 422.21 | 44.36 |
| 196 | 1-4425 | 14425 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6921.97 | 3509.53 | 142.18 | 72.09 | 214.27 | 1.53 | 384.73 | 51.91 | 8.1 | 1.76 | 566.97 | 81.95 | 485.02 | 50.96 |
| 197 | 1-4567 | 14567 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6988.52 | 3543.3 | 118.76 | 60.21 | 178.97 | 0.68 | 505.54 | 53.93 | 4.95 | 1.8 | 446.16 | 66.96 | 379.2 | 39.84 |
| 198 | 1-4597 | 14597 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6988.52 | 3543.3 | 118.76 | 60.21 | 178.97 | 0.68 | 505.54 | 53.93 | 4.95 | 1.8 | 446.16 | 66.96 | 379.2 | 39.84 |
| 199 | 1-4868 | 14868 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 7052.45 | 3575.71 | 84.31 | 42.75 | 127.06 | 0.2 | 623.88 | 55.94 | 2.47 | 1.7 | 327.82 | 46.92 | 280.9 | 29.52 |
| 200 | 1-4910 | 14910 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6978.09 | 3537.93 | 122.74 | 62.23 | 184.97 | 0.79 | 483.3 | 53.6 | 5.44 | 1.79 | 468.4 | 69.46 | 398.94 | 41.92 |
| 201 | 1-5137 | 15137 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6968.11 | 3532.96 | 126.84 | 64.31 | 191.15 | 0.91 | 463.3 | 53.2 | 6.04 | 1.87 | 488.4 | 72.22 | 416.18 | 43.73 |
| 202 | 1-5200 | 15200 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6951.53 | 3524.45 | 131.93 | 66.89 | 198.82 | 1.14 | 429.52 | 52.83 | 6.66 | 1.71 | 522.18 | 75.26 | 446.92 | 46.96 |
| 203 | 1-5206 | 15206 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 7052.76 | 3575.81 | 84.25 | 42.72 | 126.97 | 0.2 | 625.66 | 55.95 | 2.46 | 1.71 | 326.04 | 46.89 | 279.15 | 29.33 |
| 204 | 1-5408 | 15408 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6999.63 | 3548.89 | 114.01 | 57.81 | 171.82 | 0.56 | 529.47 | 54.16 | 4.57 | 1.93 | 422.23 | 64.31 | 357.92 | 37.61 |
| 205 | 1-5672 | 15672 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6927.39 | 3512.28 | 141.07 | 71.53 | 212.6 | 1.45 | 391.75 | 52.07 | 7.92 | 1.77 | 559.95 | 81.22 | 478.73 | 50.30 |
| 206 | 1-5774 | 15774 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 7006.49 | 3552.38 | 110.95 | 56.26 | 167.21 | 0.5 | 544.36 | 54.4 | 4.26 | 1.92 | 407.34 | 62.44 | 344.9 | 36.24 |
| 207 | 1-6009 | 16009 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6979.54 | 3538.73 | 122.48 | 62.1 | 184.58 | 0.77 | 488.44 | 53.63 | 5.38 | 1.81 | 463.26 | 69.29 | 393.97 | 41.40 |
| 208 | 1-6052 | 16052 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 7000.42 | 3549.3 | 114.01 | 57.81 | 171.82 | 0.55 | 534.27 | 54.17 | 4.53 | 1.95 | 417.43 | 64.29 | 353.14 | 37.11 |
| 209 | 1-6053 | 16053 | 8 | 9/30/94 | 10792.08 | 0 | 10792.08 | 951.70 | 60.01 | 6938.08 | 3517.74 | 137.79 | 69.86 | 207.65 | 1.32 | 414.64 | 52.37 | 7.3 | 1.77 | 537.06 | 78.93 | 458.13 | 48.14 |
| 210 | 1-1683 | 11683 | 9 | 9/30/94 | 9058.33 | 3626.27 | 12684.6 | 950.48 | 58.2 | 8948.42 | 3582.25 | 89.59 | 35.86 | 125.45 | 0.17 | 666.7 | 55.22 | 1.78 | 1.48 | 283.78 | 39.12 | 244.66 | 25.74 |
| 211 | 1-2957 | 12957 | 9 | 9/30/94 | 9058.33 | 3626.27 | 12684.6 | 950.48 | 58.2 | 8940.83 | 3579.2 | 94.24 | 37.73 | 131.97 | 0.2 | 647.67 | 55.08 | 1.95 | 1.44 | 302.81 | 41.12 | 261.69 | 27.53 |
| 212 | 1-4053 | 14053 | 9 | 9/30/94 | 9058.33 | 3626.27 | 12684.6 | 950.48 | 58.2 | 8953.72 | 3584.43 | 85.04 | 34.04 | 119.08 | 0.15 | 662 | 55.46 | 1.64 | 1.32 | 288.48 | 37 | 251.48 | 26.46 |
| 213 | 1-4065 | 14065 | 9 | 9/30/94 | 9058.33 | 3626.27 | 12684.6 | 950.48 | 58.2 | 8948.8 | 3582.46 | 88.03 | 35.24 | 123.27 | 0.17 | 650.51 | 55.38 | 1.73 | 1.28 | 299.97 | 38.25 | 261.72 | 27.54 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 214 | 1-4243 | 14243 | 9 | 9/30/94 | 9058.33 | 3626.27 | 12684.6 | 950.48 | 58.2 | 8943.53 | 3580.31 | 92.64 | 37.09 | 129.73 | 0.19 | 656.94 | 55.15 | 1.86 | 1.42 | 293.54 | 40.37 | 253.17 | 26.64 |
| 215 | 1-5372 | 15372 | 9 | 9/30/94 | 9058.33 | 3626.27 | 12684.6 | 950.48 | 58.2 | 8948.77 | 3582.39 | 89.44 | 35.8 | 125.24 | 0.17 | 668.04 | 55.24 | 1.76 | 1.47 | 282.44 | 39.03 | 243.41 | 25.61 |
| 216 | 1-5775 | 15775 | 9 | 9/30/94 | 9058.33 | 3626.27 | 12684.6 | 950.48 | 58.2 | 8935.15 | 3576.91 | 96.07 | 38.46 | 134.53 | 0.24 | 615.56 | 55.04 | 2.12 | 1.32 | 334.92 | 41.9 | 293.02 | 30.83 |
| 217 | 1-0346 | 10346 | 7 | 9/30/94 | 11175 | 0 | 11175 | 949.00 | 0 | 7456.98 | 3220.22 | 173.14 | 74.77 | 247.91 | 3.14 | 245.3 | 46.04 | 11.29 | 1.69 | 703.7 | 87.75 | 615.95 | 64.91 |
| 218 | 1-0451 | 10451 | 7 | 9/30/94 | 11175 | 0 | 11175 | 949.00 | 0 | 7504.77 | 3240.86 | 164.72 | 71.13 | 235.85 | 2.24 | 299.66 | 47.04 | 9.62 | 1.76 | 649.34 | 82.51 | 566.83 | 59.73 |
| 219 | 1-0995 | 10995 | 7 | 9/30/94 | 11175 | 0 | 11175 | 949.00 | 0 | 7520.77 | 3247.79 | 161.15 | 69.59 | 230.74 | 1.96 | 321.14 | 47.41 | 8.92 | 1.76 | 627.86 | 80.27 | 547.59 | 57.70 |
| 220 | 1-1162 | 11162 | 7 | 9/30/94 | 11175 | 0 | 11175 | 949.00 | 0 | 7616.81 | 3289.26 | 124.83 | 53.91 | 178.74 | 0.73 | 433.33 | 50.03 | 4.97 | 1.64 | 515.67 | 60.52 | 455.15 | 47.96 |
| 221 | 1-1635 | 11635 | 7 | 9/30/94 | 11175 | 0 | 11175 | 949.00 | 0 | 7552.41 | 3261.45 | 152.38 | 65.81 | 218.19 | 1.48 | 363.48 | 48.23 | 7.56 | 1.77 | 585.52 | 75.14 | 510.38 | 53.78 |
| 222 | 1-2205 | 12205 | 7 | 9/30/94 | 11175 | 0 | 11175 | 949.00 | 0 | 7466.19 | 3224.21 | 167.13 | 72.17 | 239.3 | 3 | 245.32 | 46.36 | 10.72 | 1.58 | 703.68 | 84.47 | 619.21 | 65.25 |
| 223 | 1-1190 | 11190 | 9 | 9/30/94 | 9022.35 | 3619.35 | 12641.7 | 948.66 | 58.09 | 8911.73 | 3574.91 | 86.65 | 34.76 | 121.41 | 0.19 | 617.75 | 55.37 | 1.78 | 1.14 | 330.91 | 37.68 | 293.23 | 30.91 |
| 224 | 1-4073 | 14073 | 9 | 9/30/94 | 9022.35 | 3619.35 | 12641.7 | 948.66 | 58.09 | 8918.59 | 3577.78 | 82.6 | 33.13 | 115.73 | 0.16 | 636.45 | 55.54 | 1.59 | 1.1 | 312.21 | 35.82 | 276.39 | 29.13 |
| 225 | 1-4392 | 14392 | 9 | 9/30/94 | 9022.35 | 3619.35 | 12641.7 | 948.66 | 58.09 | 8923.3 | 3579.62 | 79.7 | 31.97 | 111.67 | 0.14 | 648.58 | 55.61 | 1.5 | 1.14 | 300.08 | 34.61 | 265.47 | 27.98 |
| 226 | 1-4810 | 14810 | 9 | 9/30/94 | 9022.35 | 3619.35 | 12641.7 | 948.66 | 58.09 | 8927.63 | 3581.35 | 76.6 | 30.73 | 107.33 | 0.13 | 654.69 | 55.74 | 1.4 | 1.11 | 293.97 | 33.24 | 260.73 | 27.48 |
| 227 | 1-0056 | 10056 | 7 | 9/30/94 | 11119 | 0 | 11119 | 945.00 | 0 | 7474.78 | 3229.9 | 160.8 | 69.48 | 230.28 | 2.07 | 308.79 | 47.07 | 9.1 | 1.71 | 636.21 | 80.29 | 555.92 | 58.83 |
| 228 | 1-0253 | 10253 | 7 | 9/30/94 | 11119 | 0 | 11119 | 945.00 | 0 | 7474.78 | 3229.9 | 160.8 | 69.48 | 230.28 | 2.07 | 308.79 | 47.07 | 9.1 | 1.71 | 636.21 | 80.29 | 555.92 | 58.83 |
| 229 | 1-0779 | 10779 | 7 | 9/30/94 | 11119 | 0 | 11119 | 945.00 | 0 | 7485.98 | 3234.71 | 158.04 | 68.29 | 226.33 | 1.88 | 324.45 | 47.33 | 8.58 | 1.7 | 620.55 | 78.57 | 541.98 | 57.35 |
| 230 | 1-2050 | 12050 | 7 | 9/30/94 | 11119 | 0 | 11119 | 945.00 | 0 | 7479.02 | 3231.73 | 157.21 | 67.93 | 225.14 | 2.04 | 305.07 | 47.37 | 8.68 | 1.57 | 639.93 | 78.18 | 561.75 | 59.44 |
| 231 | 1-2251 | 12251 | 7 | 9/30/94 | 11162 | 0 | 11162 | 945.00 | 0 | 7493.14 | 3219.63 | 165.74 | 71.21 | 236.95 | 2.51 | 278.07 | 46.61 | 9.85 | 1.62 | 666.93 | 82.68 | 584.25 | 61.83 |
| 232 | 1-2318 | 12318 | 7 | 9/30/94 | 11119 | 0 | 11119 | 945.00 | 0 | 7590.46 | 3279.88 | 119.15 | 51.49 | 170.64 | 0.6 | 458.35 | 50.14 | 4.43 | 1.67 | 486.65 | 57.59 | 429.06 | 45.40 |
| 233 | 1-2508 | 12508 | 7 | 9/30/94 | 11119 | 0 | 11119 | 945.00 | 0 | 7487.89 | 3235.52 | 157.61 | 68.11 | 225.72 | 1.86 | 325.28 | 47.39 | 8.54 | 1.71 | 619.72 | 78.36 | 541.36 | 57.29 |
| 234 | 1-2948 | 12948 | 7 | 9/30/94 | 11119 | 0 | 11119 | 945.00 | 0 | 7512.92 | 3246.38 | 151.59 | 65.5 | 217.09 | 1.48 | 361.81 | 48 | 7.52 | 1.76 | 583.19 | 74.78 | 508.41 | 53.80 |
| 235 | 1-4102 | 14102 | 7 | 9/30/94 | 11162 | 0 | 11162 | 945.00 | 0 | 7493.14 | 3219.63 | 165.74 | 71.21 | 236.95 | 2.51 | 278.07 | 46.61 | 9.85 | 1.62 | 666.93 | 82.68 | 584.25 | 61.83 |
| 236 | 1-4523 | 14523 | 7 | 9/30/94 | 11162 | 0 | 11162 | 945.00 | 0 | 7521.26 | 3231.73 | 158.1 | 67.93 | 226.03 | 2.05 | 305.07 | 47.37 | 8.68 | 1.57 | 639.93 | 78.18 | 561.75 | 59.44 |
| 237 | 1-4534 | 14534 | 7 | 9/30/94 | 11162 | 0 | 11162 | 945.00 | 0 | 7636.08 | 3281.05 | 116.74 | 50.16 | 166.9 | 0.6 | 452.38 | 50.29 | 4.28 | 1.56 | 492.62 | 56 | 436.62 | 46.20 |
| 238 | 1-4565 | 14565 | 7 | 9/30/94 | 11162 | 0 | 11162 | 945.00 | 0 | 7469.1 | 3209.31 | 167.19 | 71.84 | 239.03 | 3 | 244.18 | 46.15 | 10.67 | 1.57 | 700.82 | 84.08 | 616.74 | 65.26 |
| 239 | 1-5707 | 15707 | 7 | 9/30/94 | 11162 | 0 | 11162 | 945.00 | 0 | 7523.7 | 3232.78 | 161.21 | 69.27 | 230.48 | 1.97 | 319.65 | 47.19 | 8.88 | 1.76 | 625.35 | 79.91 | 545.44 | 57.72 |
| 240 | 1-1236 | 11236 | 7 | 9/30/94 | 11097 | 0 | 11097 | 940.00 | 0 | 7586.99 | 3265.82 | 115.99 | 49.93 | 165.92 | 0.6 | 450.28 | 50.05 | 4.26 | 1.55 | 489.72 | 55.74 | 433.98 | 46.17 |
| 241 | 1-4075 | 14075 | 7 | 9/30/94 | 11097 | 0 | 11097 | 940.00 | 0 | 7576.42 | 3261.28 | 121.21 | 52.18 | 173.39 | 0.68 | 437.63 | 49.73 | 4.67 | 1.59 | 502.37 | 58.44 | 443.93 | 47.23 |
| 242 | 1-4105 | 14105 | 7 | 9/30/94 | 11097 | 0 | 11097 | 940.00 | 0 | 7574.07 | 3260.28 | 122.27 | 52.63 | 174.9 | 0.7 | 435.2 | 49.66 | 4.75 | 1.59 | 504.8 | 58.97 | 445.83 | 47.43 |
| 243 | 1-4217 | 14217 | 7 | 9/30/94 | 11097 | 0 | 11097 | 940.00 | 0 | 7564.53 | 3256.15 | 126.23 | 54.34 | 180.57 | 0.8 | 416.43 | 49.42 | 5.2 | 1.61 | 523.57 | 61.15 | 462.42 | 49.19 |
| 244 | 1-4267 | 14267 | 7 | 9/30/94 | 11097 | 0 | 11097 | 940.00 | 0 | 7503.7 | 3230 | 150.23 | 64.67 | 214.9 | 1.55 | 348.23 | 47.79 | 7.54 | 1.67 | 591.77 | 73.88 | 517.89 | 55.09 |
| 245 | 1-4711 | 14711 | 7 | 9/30/94 | 11097 | 0 | 11097 | 940.00 | 0 | 7564.53 | 3256.15 | 126.23 | 54.34 | 180.57 | 0.8 | 416.43 | 49.42 | 5.2 | 1.61 | 523.57 | 61.15 | 462.42 | 49.19 |
| 246 | 1-5248 | 15248 | 7 | 9/30/94 | 11097 | 0 | 11097 | 940.00 | 0 | 7481.77 | 3220.51 | 157.48 | 67.79 | 225.27 | 1.85 | 323.77 | 47.17 | 8.5 | 1.71 | 616.23 | 78 | 538.23 | 57.26 |
| 247 | 1-5777 | 15777 | 7 | 9/30/94 | 11097 | 0 | 11097 | 940.00 | 0 | 7479.83 | 3219.68 | 158.45 | 68.21 | 226.66 | 1.89 | 323.47 | 47.23 | 8.41 | 1.64 | 616.53 | 78.26 | 538.27 | 57.26 |
| 248 | 1-5837 | 15837 | 7 | 9/30/94 | 11097 | 0 | 11097 | 940.00 | 0 | 7572.93 | 3259.74 | 121.24 | 52.19 | 173.43 | 0.72 | 423.85 | 49.68 | 4.8 | 1.52 | 516.15 | 58.51 | 457.64 | 48.69 |
| 249 | 1-0029 | 10029 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8710.43 | 3546.63 | 51.55 | 20.99 | 72.54 | 0.03 | 741.95 | 55.78 | 0.65 | 0.96 | 193.95 | 22.6 | 171.35 | 18.31 |
| 250 | 1-0165 | 10165 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8682.06 | 3535.2 | 72.3 | 29.44 | 101.74 | 0.1 | 674.58 | 55.04 | 1.25 | 1.16 | 261.32 | 31.85 | 229.47 | 24.52 |
| 251 | 1-1573 | 11573 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8692.21 | 3539.22 | 65.17 | 26.53 | 91.7 | 0.07 | 696.85 | 55.27 | 1.04 | 1.14 | 239.05 | 28.71 | 210.34 | 22.47 |
| 252 | 1-1846 | 11846 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8677.21 | 3533.12 | 75.39 | 30.7 | 106.09 | 0.12 | 660.18 | 54.97 | 1.34 | 1.12 | 275.72 | 33.16 | 242.56 | 25.92 |
| 253 | 1-4002 | 14002 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8701.04 | 3542.82 | 58.89 | 23.98 | 82.87 | 0.05 | 723.29 | 55.49 | 0.84 | 1.08 | 212.61 | 25.9 | 186.71 | 19.95 |
| 254 | 1-4055 | 14055 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8671.84 | 3531.04 | 77.83 | 31.69 | 109.52 | 0.14 | 631.29 | 54.92 | 1.48 | 1.05 | 304.61 | 34.22 | 270.39 | 28.89 |
| 255 | 1-4086 | 14086 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8701.28 | 3542.93 | 57.94 | 23.59 | 81.53 | 0.05 | 704.64 | 55.59 | 0.84 | 0.97 | 231.26 | 25.4 | 205.86 | 22.00 |
| 256 | 1-4103 | 14103 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8696.47 | 3541.02 | 62.81 | 25.57 | 88.38 | 0.06 | 723.32 | 55.31 | 0.94 | 1.2 | 212.58 | 27.71 | 184.87 | 19.75 |
| 257 | 1-4531 | 14531 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8666.98 | 3529.03 | 81.3 | 33.11 | 114.41 | 0.16 | 623.42 | 54.72 | 1.64 | 1.16 | 312.48 | 35.91 | 276.57 | 29.55 |
| 258 | 1-5731 | 15731 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8654.93 | 3524.11 | 90.39 | 36.81 | 127.2 | 0.21 | 617.72 | 54.29 | 1.98 | 1.35 | 318.18 | 40.14 | 278.04 | 29.71 |
| 259 | 1-5810 | 15810 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8697.02 | 3541.23 | 62.46 | 25.43 | 87.89 | 0.06 | 724.61 | 55.32 | 0.93 | 1.2 | 211.29 | 27.56 | 183.73 | 19.63 |
| 260 | 1-5819 | 15819 | 9 | 9/30/94 | 8769.39 | 3570.69 | 12340.08 | 935.90 | 57.31 | 8707.42 | 3545.42 | 53.41 | 21.75 | 75.16 | 0.04 | 721.6 | 55.75 | 0.72 | 0.92 | 214.3 | 23.39 | 190.91 | 20.40 |
| 261 | 1-4349 | 14349 | 8 | 9/30/94 | 10938.37 | 0 | 10938.37 | 931.94 | 58.77 | 7274.42 | 3503.25 | 84.93 | 40.9 | 125.83 | 0.19 | 620.93 | 54.9 | 2.28 | 1.65 | 311.01 | 44.83 | 266.18 | 28.56 |
| 262 | 1-0356 | 10356 | 8 | 9/30/94 | 11076.13 | 0 | 11076.13 | 929.59 | 58.61 | 7389.96 | 3480.68 | 102.22 | 48.15 | 150.37 | 0.37 | 544.94 | 53.87 | 3.45 | 1.72 | 384.65 | 53.32 | 331.33 | 35.64 |
| 263 | 1-4045 | 14045 | 8 | 9/30/94 | 11076.13 | 0 | 11076.13 | 929.59 | 58.61 | 7389.09 | 3480.27 | 102.6 | 48.33 | 150.93 | 0.38 | 545.17 | 53.83 | 3.46 | 1.73 | 384.42 | 53.52 | 330.9 | 35.60 |
| 264 | 1-4386 | 14386 | 8 | 9/30/94 | 11076.13 | 0 | 11076.13 | 929.59 | 58.61 | 7389.06 | 3480.23 | 102.51 | 48.28 | 150.79 | 0.38 | 543.3 | 53.84 | 3.47 | 1.73 | 386.29 | 53.48 | 332.81 | 35.80 |
| 265 | 1-4686 | 14686 | 8 | 9/30/94 | 11076.13 | 0 | 11076.13 | 929.59 | 58.61 | 7389.96 | 3480.68 | 102.22 | 48.15 | 150.37 | 0.37 | 544.94 | 53.87 | 3.45 | 1.72 | 384.65 | 53.32 | 331.33 | 35.64 |
| 266 | 1-5203 | 15203 | 8 | 9/30/94 | 11076.13 | 0 | 11076.13 | 929.59 | 58.61 | 7388.06 | 3479.81 | 103.4 | 48.7 | 152.1 | 0.39 | 546.17 | 53.79 | 3.47 | 1.73 | 383.42 | 53.9 | 329.52 | 35.45 |
| 267 | 1-5745 | 15745 | 8 | 9/30/94 | 11076.13 | 0 | 11076.13 | 929.59 | 58.61 | 7389.09 | 3480.27 | 102.6 | 48.33 | 150.93 | 0.38 | 545.17 | 53.83 | 3.46 | 1.73 | 384.42 | 53.52 | 330.9 | 35.60 |
| 268 | 1-6000 | 16000 | 8 | 9/30/94 | 11076.13 | 0 | 11076.13 | 929.59 | 58.61 | 7388.06 | 3479.81 | 103.4 | 48.7 | 152.1 | 0.39 | 546.17 | 53.79 | 3.47 | 1.73 | 383.42 | 53.9 | 329.52 | 35.45 |
| 269 | 1-6050 | 16050 | 8 | 9/30/94 | 11076.13 | 0 | 11076.13 | 929.59 | 58.61 | 7389.06 | 3480.23 | 102.51 | 48.28 | 150.79 | 0.38 | 543.3 | 53.84 | 3.47 | 1.73 | 386.29 | 53.48 | 332.81 | 35.80 |
| 270 | 5-4013 | 54013 | 7 | 9/30/94 | 12217 | 0 | 12217 | 919.00 | 0 | 8693.57 | 3169.04 | 137.4 | 50.09 | 187.49 | 1.53 | 265.7 | 48.31 | 5.94 | 0.99 | 653.3 | 57.02 | 596.28 | 64.88 |
| 271 | 5-4485 | 54485 | 7 | 9/30/94 | 12217 | 0 | 12217 | 919.00 | 0 | 8673.13 | 3161.58 | 141 | 51.4 | 192.4 | 1.81 | 239.99 | 48.03 | 6.38 | 0.94 | 679.01 | 58.72 | 620.29 | 67.50 |
| 272 | 5-5223 | 55223 | 7 | 9/30/94 | 12217 | 0 | 12217 | 919.00 | 0 | 8782.69 | 3201.52 | 109.36 | 39.86 | 149.22 | 0.56 | 389.09 | 50.09 | 3.3 | 0.94 | 529.91 | 44.1 | 485.81 | 52.86 |
| 273 | 5-0103 | 50103 | 7 | 9/30/94 | 12231 | 0 | 12231 | 910.00 | 0 | 8711.41 | 3128.14 | 145.18 | 52.13 | 197.31 | 1.89 | 239.73 | 47.3 | 6.62 | 0.98 | 670.27 | 59.73 | 610.54 | 67.09 |
| 274 | 5-0895 | 50895 | 7 | 9/30/94 | 12231 | 0 | 12231 | 910.00 | 0 | 8697.9 | 3123.29 | 147.46 | 52.95 | 200.41 | 2.11 | 224.96 | 47.07 | 6.94 | 0.98 | 685.04 | 60.87 | 624.17 | 68.59 |
| 275 | 5-4024 | 54024 | 7 | 9/30/94 | 12231 | 0 | 12231 | 910.00 | 0 | 8821.14 | 3167.53 | 113.3 | 40.68 | 153.98 | 0.61 | 379.82 | 49.4 | 3.49 | 0.96 | 530.18 | 45.13 | 485.05 | 53.30 |
| 276 | 5-6060 | 56060 | 7 | 9/30/94 | 12231 | 0 | 12231 | 910.00 | 0 | 8723.29 | 3132.42 | 143.32 | 51.47 | 194.79 | 1.73 | 253.36 | 47.45 | 6.4 | 1.02 | 656.64 | 58.89 | 597.75 | 65.69 |
| 277 | 5-1600 | 51600 | 7 | 9/30/94 | 12159 | 0 | 12159 | 907.00 | 0 | 8672.86 | 3127.61 | 140.23 | 50.57 | 190.8 | 1.56 | 266.66 | 47.5 | 6.08 | 1.02 | 640.34 | 57.67 | 582.67 | 64.24 |
| 278 | 5-2627 | 52627 | 7 | 9/30/94 | 12159 | 0 | 12159 | 907.00 | 0 | 8765.48 | 3160.99 | 110.39 | 39.81 | 150.2 | 0.55 | 391.87 | 49.37 | 3.3 | 0.97 | 515.13 | 44.08 | 471.05 | 51.93 |
| 279 | 8-0199 | 80199 | 7 | 9/30/94 | 10739.27 | 198.88 | 10938.15 | 887.55 | 132.31 | 9284.13 | 8.43 | 192.23 | 0.17 | 192.4 | 3.17 | 239.4 | 41.18 | 8.99 | 1.47 | 648.15 | 10.63 | 637.52 | 71.83 |
| 280 | 1-1229 | 11229 | 9 | 9/30/94 | 7804.55 | 3370.45 | 11175 | 883.43 | 54.09 | 7744.59 | 3344.55 | 51.2 | 22.11 | 73.31 | 0.04 | 667.69 | 52.54 | 0.75 | 0.88 | 215.74 | 23.74 | 192 | 21.73 |
| 281 | 5-1474 | 51474 | 8 | 9/30/94 | 12529.44 | 0 | 12529.44 | 876.22 | 55.25 | 8944.75 | 3254.87 | 137.77 | 50.13 | 187.9 | 1.31 | 317.03 | 49.88 | 5.3 | 0.99 | 559.19 | 56.42 | 502.77 | 57.38 |
| 282 | 5-1958 | 51958 | 8 | 9/30/94 | 12529.44 | 0 | 12529.44 | 876.22 | 55.25 | 8926.67 | 3248.31 | 155.68 | 56.65 | 212.33 | 1.46 | 355.86 | 48.95 | 6.09 | 1.32 | 520.36 | 64.06 | 456.3 | 52.08 |
| 283 | 5-2052 | 52052 | 8 | 9/30/94 | 12529.44 | 0 | 12529.44 | 876.22 | 55.25 | 8954.41 | 3258.4 | 140.85 | 51.26 | 192.11 | 1.15 | 362.05 | 49.78 | 5.13 | 1.15 | 514.17 | 57.54 | 456.63 | 52.11 |
| 284 | 5-2304 | 52304 | 8 | 9/30/94 | 12529.44 | 0 | 12529.44 | 876.22 | 55.25 | 8957.46 | 3259.47 | 141.43 | 51.46 | 192.89 | 1.09 | 365.72 | 49.86 | 5.12 | 1.19 | 510.5 | 57.77 | 452.73 | 51.67 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 285 | 5-4471 | 54471 | 8 | 9/30/94 | 12529.44 | 0 | 12529.44 | 876.22 | 55.25 | 8961.51 | 3260.94 | 133.58 | 48.61 | 182.19 | 1.11 | 343.23 | 50.11 | 4.93 | 1.06 | 532.99 | 54.6 | 478.39 | 54.60 |
| 286 | 5-5252 | 55252 | 8 | 9/30/94 | 12529.44 | 0 | 12529.44 | 876.22 | 55.25 | 8974.95 | 3265.84 | 135.78 | 49.41 | 185.19 | 0.9 | 394.48 | 50.13 | 4.67 | 1.27 | 481.74 | 55.35 | 426.39 | 48.66 |
| 287 | 5-5260 | 55260 | 8 | 9/30/94 | 12529.44 | 0 | 12529.44 | 876.22 | 55.25 | 9037.75 | 3288.72 | 103.01 | 37.48 | 140.49 | 0.4 | 460.74 | 51.72 | 2.68 | 1.02 | 415.48 | 41.18 | 374.3 | 42.72 |
| 288 | 5-5339 | 55339 | 8 | 9/30/94 | 12529.44 | 0 | 12529.44 | 876.22 | 55.25 | 8970.28 | 3264.14 | 136.17 | 49.55 | 185.72 | 0.97 | 388.26 | 50.01 | 4.75 | 1.23 | 487.96 | 55.53 | 432.43 | 49.35 |
| 289 | 5-5908 | 55908 | 8 | 9/30/94 | 12529.44 | 0 | 12529.44 | 876.22 | 55.25 | 9040.87 | 3289.85 | 104.43 | 38 | 142.43 | 0.36 | 493.13 | 51.6 | 2.63 | 1.17 | 383.09 | 41.8 | 341.29 | 38.95 |
| 290 | 5-4037 | 54037 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 9041.73 | 3283.18 | 114.92 | 41.73 | 156.65 | 0.45 | 488.32 | 51.07 | 3.09 | 1.34 | 387.62 | 46.16 | 341.46 | 38.98 |
| 291 | 5-4487 | 54487 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 9070.83 | 3293.72 | 95.46 | 34.66 | 130.12 | 0.29 | 497.36 | 52.04 | 2.23 | 1.01 | 378.58 | 37.9 | 340.68 | 38.89 |
| 292 | 5-4537 | 54537 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 9075.99 | 3295.59 | 92.46 | 33.57 | 126.03 | 0.26 | 503.35 | 52.2 | 2.07 | 0.98 | 372.59 | 36.62 | 335.97 | 38.36 |
| 293 | 5-4731 | 54731 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 9061.82 | 3290.45 | 104.96 | 38.11 | 143.07 | 0.31 | 526.27 | 51.53 | 2.5 | 1.33 | 349.67 | 41.94 | 307.73 | 35.13 |
| 294 | 5-5229 | 55229 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 8943.05 | 3247.35 | 150.04 | 54.48 | 204.52 | 1.5 | 327.92 | 49.18 | 5.99 | 1.17 | 548.02 | 61.64 | 486.38 | 55.53 |
| 295 | 5-5269 | 55269 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 8976.24 | 3259.37 | 144.81 | 52.58 | 197.39 | 1.04 | 401.4 | 49.64 | 5 | 1.32 | 474.54 | 58.9 | 415.64 | 47.45 |
| 296 | 5-5279 | 55279 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 8961.86 | 3254.15 | 145.26 | 52.75 | 198.01 | 1.25 | 354.95 | 49.45 | 5.55 | 1.25 | 520.99 | 59.55 | 461.44 | 52.68 |
| 297 | 5-5315 | 55315 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 9003.81 | 3269.36 | 125.5 | 45.57 | 171.07 | 0.82 | 385.09 | 50.6 | 4.14 | 1.06 | 490.85 | 50.77 | 440.08 | 50.24 |
| 298 | 5-5418 | 55418 | 8 | ORIGIN | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 12545.04 | 0 | 0 | 0 | 0 | 0 | 875.94 | 55.24 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 299 | 5-5418 | 55418 | 8 | ORIGIN | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 12545.04 | 0 | 0 | 0 | 0 | 0 | 875.94 | 55.24 | 0 | 0 | 0 | 0 | 0 | 0.00 |
| 300 | 5-5807 | 55807 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 8991.68 | 3264.99 | 139.57 | 50.68 | 190.25 | 0.87 | 425.81 | 49.88 | 4.61 | 1.42 | 450.13 | 56.71 | 393.42 | 44.91 |
| 301 | 5-5850 | 55850 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 8997.47 | 3267.06 | 126.11 | 45.79 | 171.9 | 0.89 | 365.36 | 50.64 | 4.18 | 0.95 | 510.58 | 50.92 | 459.66 | 52.48 |
| 302 | 5-6054 | 56054 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 9064.8 | 3291.52 | 101.63 | 36.91 | 138.54 | 0.31 | 508.24 | 51.76 | 2.45 | 1.2 | 367.7 | 40.56 | 327.14 | 37.35 |
| 303 | 5-6081 | 56081 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 8990.3 | 3264.49 | 129.37 | 46.98 | 176.35 | 0.97 | 361.81 | 50.41 | 4.43 | 0.99 | 514.13 | 52.4 | 461.73 | 52.71 |
| 304 | 5-6083 | 56083 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 9044.4 | 3284.15 | 111.08 | 40.33 | 151.41 | 0.44 | 471.31 | 51.28 | 3 | 1.2 | 404.63 | 44.53 | 360.1 | 41.11 |
| 305 | 5-6084 | 56084 | 8 | 9/30/94 | 12545.04 | 0 | 12545.04 | 875.94 | 55.24 | 8961.24 | 3253.93 | 150.72 | 54.73 | 205.45 | 1.22 | 381.59 | 49.21 | 5.63 | 1.42 | 494.35 | 61.78 | 432.57 | 49.38 |
| 306 | 8-0150 | 80150 | 7 | 9/30/94 | 7783.3 | 3322.12 | 11105.42 | 871.35 | 54.63 | 7458.75 | 3183.59 | 158.67 | 67.73 | 226.4 | 2.89 | 248.06 | 45.78 | 10.48 | 1.94 | 623.29 | 80.15 | 543.14 | 62.33 |
| 307 | 8-0210 | 80210 | 7 | 9/30/94 | 7783.3 | 3322.12 | 11105.42 | 871.35 | 54.63 | 7457.88 | 3183.22 | 159.88 | 68.24 | 228.12 | 2.88 | 250.76 | 45.72 | 10.54 | 1.95 | 620.59 | 80.73 | 539.86 | 61.96 |
| 308 | 5-6057 | 56057 | 8 | 9/30/94 | 12101.66 | 0 | 12101.66 | 859.65 | 54.2 | 8634.26 | 3209.85 | 118.4 | 44.02 | 162.42 | 0.74 | 375.42 | 49.86 | 3.87 | 0.99 | 484.23 | 48.88 | 435.35 | 50.64 |
| 309 | 1-0544 | 10544 | 5 | 9/30/94 | 7259.03 | 3718.97 | 10978 | 826.24 | 51.68 | 6943.71 | 3557.33 | 155.56 | 79.7 | 235.26 | 2.69 | 222.5 | 43.16 | 10.45 | 1.58 | 603.74 | 91.73 | 512.01 | 61.97 |
| 310 | 1-0925 | 10925 | 5 | 9/30/94 | 7259.03 | 3718.97 | 10978 | 826.24 | 51.68 | 6944.25 | 3557.73 | 158.17 | 81.03 | 239.2 | 2.66 | 228.93 | 43.09 | 10.57 | 1.66 | 597.31 | 93.26 | 504.05 | 61.01 |
| 311 | 1-2690 | 12690 | 5 | 9/30/94 | 7259.03 | 3718.97 | 10978 | 826.24 | 51.68 | 6960.42 | 3565.95 | 151.97 | 77.86 | 229.83 | 2.37 | 232.54 | 43.66 | 9.81 | 1.58 | 593.7 | 89.25 | 504.45 | 61.05 |
| 312 | 1-0671 | 10671 | 6 | 9/30/94 | 7259.03 | 3718.97 | 10978 | 826.24 | 51.68 | 7040.27 | 3606.82 | 127.84 | 65.5 | 193.34 | 1.17 | 314.03 | 45.68 | 6.46 | 1.42 | 512.21 | 73.38 | 438.83 | 53.11 |
| 313 | 1-1609 | 11609 | 6 | 9/30/94 | 7259.03 | 3718.97 | 10978 | 826.24 | 51.68 | 6933.63 | 3552.28 | 157.08 | 80.48 | 237.56 | 2.84 | 212.37 | 42.94 | 10.82 | 1.58 | 613.87 | 92.88 | 520.99 | 63.06 |
| 314 | 1-1735 | 11735 | 6 | 9/30/94 | 7259.03 | 3718.97 | 10978 | 826.24 | 51.68 | 6959.14 | 3565.33 | 150.02 | 76.86 | 226.88 | 2.4 | 229.14 | 43.7 | 9.63 | 1.49 | 597.1 | 87.98 | 509.12 | 61.62 |
| 315 | 1-2287 | 12287 | 6 | 9/30/94 | 7259.03 | 3718.97 | 10978 | 826.24 | 51.68 | 6907.05 | 3538.59 | 160.43 | 82.19 | 242.62 | 3.39 | 188.29 | 42.41 | 11.66 | 1.56 | 637.95 | 95.41 | 542.54 | 65.66 |
| 316 | 1-2502 | 12502 | 6 | 9/30/94 | 7259.03 | 3718.97 | 10978 | 826.24 | 51.68 | 6907.05 | 3538.59 | 160.43 | 82.19 | 242.62 | 3.39 | 188.29 | 42.41 | 11.66 | 1.56 | 637.95 | 95.41 | 542.54 | 65.66 |
| 317 | 1-2664 | 12664 | 6 | 9/30/94 | 7259.03 | 3718.97 | 10978 | 826.24 | 51.68 | 6950.58 | 3560.97 | 155.58 | 79.71 | 235.29 | 2.54 | 229.93 | 43.37 | 10.19 | 1.59 | 596.31 | 91.49 | 504.82 | 61.10 |
| 318 | 1-1645 | 11645 | 6 | 9/30/94 | 7230 | 3698 | 10928 | 821.58 | 51.39 | 6879.35 | 3518.64 | 159.42 | 81.54 | 240.96 | 3.35 | 186.61 | 42.19 | 11.51 | 1.52 | 634.97 | 94.57 | 540.4 | 65.78 |
| 319 | 1-2928 | 12928 | 1 | 2/1/79 | 7146.19 | 3693.81 | 10840 | 820.65 | 51.33 | 7064.65 | 3651.66 | 68.03 | 35.16 | 103.19 | 0.11 | 594.69 | 48.96 | 1.28 | 1.21 | 225.96 | 37.65 | 188.31 | 22.95 |
| 320 | 1-0454 | 10454 | 4 | 9/30/94 | 7146.19 | 3693.81 | 10840 | 820.65 | 51.33 | 6799.42 | 3514.48 | 155.61 | 80.43 | 236.04 | 3.4 | 186.48 | 42.08 | 11.6 | 1.55 | 634.17 | 93.58 | 540.59 | 65.87 |
| 321 | 1-1063 | 11063 | 4 | 9/30/94 | 7146.19 | 3693.81 | 10840 | 820.65 | 51.33 | 6828.66 | 3529.69 | 150.02 | 77.55 | 227.57 | 2.76 | 204.92 | 42.99 | 10.13 | 1.41 | 615.73 | 89.09 | 526.64 | 64.17 |
| 322 | 1-1199 | 11199 | 4 | 9/30/94 | 7146.19 | 3693.81 | 10840 | 820.65 | 51.33 | 6829.72 | 3530.3 | 154.27 | 79.74 | 234.01 | 2.74 | 214.69 | 42.75 | 10.63 | 1.59 | 605.96 | 91.96 | 514 | 62.63 |
| 323 | 1-1427 | 11427 | 4 | 9/30/94 | 7146.19 | 3693.81 | 10840 | 820.65 | 51.33 | 6796.91 | 3513.22 | 158.95 | 82.16 | 241.11 | 3.38 | 184.86 | 42.08 | 11.73 | 1.58 | 635.79 | 95.47 | 540.32 | 65.84 |
| 324 | 1-1883 | 11883 | 4 | 9/30/94 | 7146.19 | 3693.81 | 10840 | 820.65 | 51.33 | 6796.91 | 3513.22 | 158.95 | 82.16 | 241.11 | 3.38 | 184.86 | 42.08 | 11.73 | 1.58 | 635.79 | 95.47 | 540.32 | 65.84 |
| 325 | 1-2217 | 12217 | 4 | 9/30/94 | 7146.19 | 3693.81 | 10840 | 820.65 | 51.33 | 6802.44 | 3516.04 | 156.17 | 80.72 | 236.89 | 3.33 | 190.93 | 42.14 | 11.52 | 1.55 | 629.72 | 93.79 | 535.93 | 65.31 |
| 326 | 1-2803 | 12803 | 4 | 9/30/94 | 7146.19 | 3693.81 | 10840 | 820.65 | 51.33 | 6836.38 | 3533.67 | 150.71 | 77.9 | 228.61 | 2.61 | 211.88 | 43.19 | 9.99 | 1.45 | 608.77 | 89.34 | 519.43 | 63.29 |
| 327 | 1-1681 | 11681 | 5 | 9/30/94 | 7370.58 | 3685.42 | 11056 | 818.79 | 51.21 | 7050.96 | 3525.64 | 160.6 | 80.3 | 240.9 | 2.7 | 226.86 | 42.7 | 10.48 | 1.65 | 591.93 | 92.43 | 499.5 | 61.00 |
| 328 | 1-2666 | 12666 | 5 | 9/30/94 | 7370.58 | 3685.42 | 11056 | 818.79 | 51.21 | 7050.96 | 3525.64 | 160.6 | 80.3 | 240.9 | 2.7 | 226.86 | 42.7 | 10.48 | 1.65 | 591.93 | 92.43 | 499.5 | 61.00 |
| 329 | 1-0016 | 10016 | 6 | 9/30/94 | 7370.58 | 3685.42 | 11056 | 818.79 | 51.21 | 7148.45 | 3574.29 | 129.81 | 64.91 | 194.72 | 1.19 | 311.2 | 45.27 | 6.4 | 1.41 | 507.59 | 72.72 | 434.87 | 53.11 |
| 330 | 1-2697 | 12697 | 6 | 9/30/94 | 7350.96 | 3677.04 | 11028 | 816.93 | 51.09 | 7142.51 | 3572.78 | 126.03 | 63.04 | 189.07 | 1.02 | 327.09 | 45.52 | 5.92 | 1.42 | 489.84 | 70.38 | 419.46 | 51.35 |
| 331 | 1-2483 | 12483 | 5 | 9/30/94 | 7271.35 | 3668.65 | 10940 | 815.06 | 50.98 | 6960.21 | 3511.75 | 153.18 | 77.28 | 230.46 | 2.57 | 217.23 | 42.78 | 10.07 | 1.52 | 597.83 | 88.87 | 508.96 | 62.44 |
| 332 | 1-1724 | 11724 | 5 | 9/30/94 | 7382.12 | 3651.88 | 11034 | 811.34 | 50.74 | 7034.72 | 3480.02 | 164.52 | 81.38 | 245.9 | 3.22 | 198.44 | 41.8 | 11.21 | 1.58 | 612.9 | 94.17 | 518.73 | 63.93 |
| 333 | 1-2490 | 12490 | 5 | 9/30/94 | 7380.12 | 3651.88 | 11032 | 811.34 | 50.74 | 7059.54 | 3493.16 | 158.16 | 78.26 | 236.42 | 2.73 | 218.49 | 42.39 | 10.26 | 1.55 | 592.85 | 90.07 | 502.78 | 61.97 |
| 334 | 1-2558 | 12558 | 5 | 9/30/94 | 7380.12 | 3651.88 | 11032 | 811.34 | 50.74 | 7059.54 | 3493.16 | 158.16 | 78.26 | 236.42 | 2.73 | 218.49 | 42.39 | 10.26 | 1.55 | 592.85 | 90.07 | 502.78 | 61.97 |
| 335 | 1-0267 | 10267 | 6 | 9/30/94 | 7380.12 | 3651.88 | 11032 | 811.34 | 50.74 | 7157.54 | 3541.69 | 129.57 | 64.11 | 193.68 | 1.21 | 304.62 | 44.86 | 6.4 | 1.4 | 506.72 | 71.91 | 434.81 | 53.59 |
| 336 | 1-0280 | 10280 | 6 | 9/30/94 | 7380.12 | 3651.88 | 11032 | 811.34 | 50.74 | 7049.28 | 3488.21 | 159.7 | 79.03 | 238.73 | 2.89 | 208.54 | 42.17 | 10.63 | 1.55 | 602.8 | 91.21 | 511.59 | 63.05 |
| 337 | 1-0879 | 10879 | 4 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 6962.71 | 3465.37 | 162.83 | 81.04 | 243.87 | 3.47 | 182.35 | 41.51 | 11.57 | 1.56 | 627.12 | 94.17 | 532.95 | 65.84 |
| 338 | 1-1352 | 11352 | 4 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 6992.25 | 3480.14 | 158.64 | 78.96 | 237.6 | 2.9 | 205.97 | 42.03 | 10.79 | 1.6 | 603.5 | 91.35 | 512.15 | 63.27 |
| 339 | 1-1604 | 11604 | 4 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 7017.43 | 3492.63 | 150.39 | 74.85 | 225.24 | 2.43 | 222.09 | 42.78 | 9.46 | 1.44 | 587.38 | 85.75 | 501.63 | 61.97 |
| 340 | 1-1905 | 11905 | 4 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 6996.31 | 3482.21 | 158.04 | 78.66 | 236.7 | 2.81 | 211.77 | 42.17 | 10.49 | 1.57 | 597.7 | 90.72 | 506.98 | 62.63 |
| 341 | 1-2007 | 12007 | 4 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 6992.25 | 3480.14 | 158.64 | 78.96 | 237.6 | 2.9 | 205.97 | 42.03 | 10.79 | 1.6 | 603.5 | 91.35 | 512.15 | 63.27 |
| 342 | 1-2625 | 12625 | 4 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 6996.31 | 3482.21 | 158.04 | 78.66 | 236.7 | 2.81 | 211.77 | 42.17 | 10.49 | 1.57 | 597.7 | 90.72 | 506.98 | 62.63 |
| 343 | 1-2787 | 12787 | 4 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 7024.95 | 3496.37 | 150.55 | 74.93 | 225.48 | 2.29 | 228.56 | 42.98 | 9.3 | 1.48 | 580.91 | 85.71 | 495.2 | 61.18 |
| 344 | 1-0219 | 10219 | 5 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 7104.82 | 3536.1 | 127.48 | 63.45 | 190.93 | 1.13 | 313.63 | 44.88 | 6.14 | 1.4 | 495.84 | 70.99 | 424.85 | 52.48 |
| 345 | 1-0309 | 10309 | 5 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 7109.52 | 3538.49 | 127.22 | 63.32 | 190.54 | 1.06 | 323.3 | 44.92 | 6.07 | 1.46 | 486.17 | 70.85 | 415.32 | 51.31 |
| 346 | 1-0868 | 10868 | 5 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 7104.82 | 3536.1 | 127.48 | 63.45 | 190.93 | 1.13 | 313.63 | 44.88 | 6.14 | 1.4 | 495.84 | 70.99 | 424.85 | 52.48 |
| 347 | 1-2512 | 12512 | 5 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 7109.84 | 3538.66 | 125.16 | 62.3 | 187.46 | 1.06 | 314.92 | 45.05 | 5.94 | 1.37 | 494.55 | 69.61 | 424.94 | 52.50 |
| 348 | 1-2730 | 12730 | 5 | 9/30/94 | 7320.5 | 3643.5 | 10964 | 809.47 | 50.63 | 7104.82 | 3536.1 | 127.48 | 63.45 | 190.93 | 1.13 | 313.63 | 44.88 | 6.14 | 1.4 | 495.84 | 70.99 | 424.85 | 52.48 |
| 349 | 1-1262 | 11262 | 1 | 2/1/79 | 7577.47 | 3622.53 | 11200 | 804.82 | 50.34 | 7485.64 | 3578.63 | 75.69 | 36.18 | 111.87 | 0.14 | 569.11 | 47.87 | 1.41 | 1.2 | 235.71 | 38.79 | 196.92 | 24.47 |
| 350 | 1-0291 | 10291 | 5 | 9/30/94 | 7577.47 | 3622.53 | 11200 | 804.82 | 50.34 | 7237.41 | 3460 | 154.98 | 74.09 | 229.07 | 3.15 | 193.33 | 41.87 | 10.41 | 1.52 | 611.49 | 86.02 | 525.47 | 65.29 |
| 351 | 1-1132 | 11132 | 5 | 9/30/94 | 7577.47 | 3622.53 | 11200 | 804.82 | 50.34 | 7240.81 | 3461.69 | 161.77 | 77.34 | 239.11 | 2.94 | 199.93 | 42.08 | 10.31 | 1.49 | 604.89 | 89.14 | 515.75 | 64.08 |
| 352 | 1-1634 | 11634 | 5 | 9/30/94 | 7577.47 | 3622.53 | 11200 | 804.82 | 50.34 | 7220.87 | 3452.05 | 168.87 | 80.73 | 249.6 | 3.31 | 196.84 | 41.46 | 11.12 | 1.57 | 607.98 | 93.42 | 514.56 | 63.93 |
| 353 | 1-2734 | 12734 | 5 | 9/30/94 | 7577.47 | 3622.53 | 11200 | 804.82 | 50.34 | 7220.87 | 3452.05 | 168.87 | 80.73 | 249.6 | 3.31 | 196.84 | 41.46 | 11.12 | 1.57 | 607.98 | 93.42 | 514.56 | 63.93 |
| 354 | 1-0264 | 10264 | 6 | 9/30/94 | 7577.47 | 3622.53 | 11200 | 804.82 | 50.34 | 7210.04 | 3446.84 | 167.47 | 80.06 | 247.53 | 3.54 | 183.41 | 41.31 | 11.36 | 1.52 | 621.41 | 92.94 | 528.47 | 65.66 |
| 355 | 1-2487 | 12487 | 6 | 9/30/94 | 7577.47 | 3622.53 | 11200 | 804.82 | 50.34 | 7209.97 | 3446.83 | 167.09 | 79.88 | 246.97 | 3.51 | 182.8 | 41.33 | 11.28 | 1.49 | 622.02 | 92.65 | 529.37 | 65.77 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 356 | 1-2647 | 12647 | 6 | 9/30/94 | 7577.47 | 3622.53 | 11200 | 804.82 | 50.34 | 7209.97 | 3446.83 | 167.09 | 79.88 | 246.97 | 3.51 | 182.8 | 41.33 | 11.28 | 1.49 | 622.02 | 92.65 | 529.37 | 65.77 |
| 357 | 4-0737 | 40737 | 6 | 9/30/94 | 7437.85 | 3614.15 | 11052 | 802.95 | 50.22 | 7213.53 | 3505.09 | 130.58 | 63.45 | 194.03 | 1.21 | 301.47 | 44.4 | 6.33 | 1.39 | 501.48 | 71.17 | 430.31 | 53.59 |
| 358 | 4-0758 | 40758 | 6 | 9/30/94 | 7435.85 | 3614.15 | 11050 | 802.95 | 50.22 | 7211.59 | 3505.09 | 130.54 | 63.45 | 193.99 | 1.21 | 301.47 | 44.4 | 6.33 | 1.39 | 501.48 | 71.17 | 430.31 | 53.59 |
| 359 | 1-0982 | 10982 | 5 | 9/30/94 | 7474.05 | 3609.95 | 11084 | 802.02 | 50.16 | 7123.15 | 3440.44 | 159.31 | 76.95 | 236.26 | 3.39 | 188.89 | 41.26 | 11.14 | 1.59 | 613.13 | 89.68 | 523.45 | 65.27 |
| 360 | 1-2402 | 12402 | 5 | 9/30/94 | 7474.05 | 3609.95 | 11084 | 802.02 | 50.16 | 7128.9 | 3443.3 | 160.25 | 77.4 | 237.65 | 3.12 | 189.01 | 41.65 | 10.61 | 1.45 | 613.01 | 89.46 | 523.55 | 65.28 |
| 361 | 1-0927 | 10927 | 6 | 9/30/94 | 7474.05 | 3609.95 | 11084 | 802.02 | 50.16 | 7131.39 | 3444.43 | 163.19 | 78.82 | 242.01 | 3.07 | 197.14 | 41.69 | 10.56 | 1.48 | 604.88 | 90.86 | 514.02 | 64.09 |
| 362 | 1-2185 | 12185 | 6 | 9/30/94 | 7474.05 | 3609.95 | 11084 | 802.02 | 50.16 | 7142.3 | 3449.72 | 157.19 | 75.92 | 233.11 | 2.88 | 197.81 | 42.05 | 9.95 | 1.38 | 604.21 | 87.25 | 516.96 | 64.46 |
| 363 | 1-0075 | 10075 | 6 | 9/30/94 | 7166.43 | 3601.57 | 10768 | 800.16 | 50.05 | 6842.2 | 3438.66 | 155.6 | 78.2 | 233.8 | 2.88 | 202 | 41.56 | 10.61 | 1.54 | 598.16 | 90.35 | 507.81 | 63.46 |
| 364 | 1-0872 | 10872 | 6 | 9/30/94 | 7166.43 | 3601.57 | 10768 | 800.16 | 50.05 | 6950.45 | 3492.96 | 126.21 | 63.43 | 189.64 | 1.16 | 304.11 | 44.24 | 6.26 | 1.37 | 496.05 | 71.06 | 424.99 | 53.11 |
| 365 | 1-1241 | 11241 | 6 | 9/30/94 | 7166.43 | 3601.57 | 10768 | 800.16 | 50.05 | 6842.2 | 3438.66 | 155.6 | 78.2 | 233.8 | 2.88 | 202 | 41.56 | 10.61 | 1.54 | 598.16 | 90.35 | 507.81 | 63.46 |
| 366 | 1-1587 | 11587 | 6 | 9/30/94 | 7166.43 | 3601.57 | 10768 | 800.16 | 50.05 | 6842.2 | 3438.66 | 155.6 | 78.2 | 233.8 | 2.88 | 202 | 41.56 | 10.61 | 1.54 | 598.16 | 90.35 | 507.81 | 63.46 |
| 367 | 1-1930 | 11930 | 6 | 9/30/94 | 7166.43 | 3601.57 | 10768 | 800.16 | 50.05 | 6966.93 | 3501.36 | 119.71 | 60.16 | 179.87 | 0.96 | 318.83 | 44.79 | 5.5 | 1.3 | 481.33 | 66.96 | 414.37 | 51.79 |
| 368 | 1-0605 | 10605 | 6 | 9/30/94 | 7270.62 | 3597.38 | 10868 | 799.23 | 49.99 | 6944.7 | 3436.14 | 157.33 | 77.85 | 235.18 | 2.85 | 205.42 | 41.54 | 10.47 | 1.53 | 593.81 | 89.85 | 503.96 | 63.06 |
| 369 | 1-0270 | 10270 | 4 | 9/30/94 | 7805.59 | 3576.41 | 11382 | 794.57 | 49.7 | 7455.59 | 3416.06 | 169.16 | 77.51 | 246.67 | 3.09 | 202.18 | 41.26 | 10.59 | 1.57 | 592.39 | 89.67 | 502.72 | 63.27 |
| 370 | 1-0635 | 10635 | 4 | 9/30/94 | 7805.59 | 3576.41 | 11382 | 794.57 | 49.7 | 7572.56 | 3469.62 | 136.42 | 62.51 | 198.93 | 1.24 | 299.14 | 43.96 | 6.26 | 1.39 | 495.43 | 70.16 | 425.27 | 53.52 |
| 371 | 1-4387 | 14387 | 5 | 9/30/94 | 7805.59 | 3576.41 | 11382 | 794.57 | 49.7 | 7593.66 | 3479.29 | 129.59 | 59.38 | 188.97 | 0.99 | 324.5 | 44.48 | 5.46 | 1.38 | 470.07 | 66.22 | 403.85 | 50.83 |
| 372 | 4-2459 | 42459 | 5 | 9/30/94 | 7805.59 | 3576.41 | 11382 | 794.57 | 49.7 | 7580.62 | 3473.33 | 135.66 | 62.16 | 197.82 | 1.13 | 317.35 | 44.1 | 5.95 | 1.43 | 477.22 | 69.54 | 407.68 | 51.31 |
| 373 | 4-2591 | 42591 | 5 | 9/30/94 | 7805.59 | 3576.41 | 11382 | 794.57 | 49.7 | 7580.62 | 3473.33 | 135.66 | 62.16 | 197.82 | 1.13 | 317.35 | 44.1 | 5.95 | 1.43 | 477.22 | 69.54 | 407.68 | 51.31 |
| 374 | 1-0628 | 10628 | 4 | 9/30/94 | 7736.67 | 3509.33 | 11246 | 779.67 | 48.76 | 7510.11 | 3406.55 | 133.68 | 60.64 | 194.32 | 1.18 | 298.98 | 43.26 | 5.94 | 1.34 | 480.69 | 67.92 | 412.77 | 52.94 |
| 375 | 1-0880 | 10880 | 4 | 9/30/94 | 7736.67 | 3509.33 | 11246 | 779.67 | 48.76 | 7529.17 | 3415.19 | 126.74 | 57.49 | 184.23 | 0.96 | 317.82 | 43.77 | 5.21 | 1.3 | 461.85 | 64 | 397.85 | 51.03 |
| 376 | 1-1048 | 11048 | 4 | 9/30/94 | 7736.67 | 3509.33 | 11246 | 779.67 | 48.76 | 7510.11 | 3406.55 | 133.68 | 60.64 | 194.32 | 1.18 | 298.98 | 43.26 | 5.94 | 1.34 | 480.69 | 67.92 | 412.77 | 52.94 |
| 377 | 1-1261 | 11261 | 4 | 9/30/94 | 7736.67 | 3509.33 | 11246 | 779.67 | 48.76 | 7522.62 | 3412.23 | 127.81 | 57.97 | 185.78 | 1.03 | 309.39 | 43.61 | 5.37 | 1.26 | 470.28 | 64.6 | 405.68 | 52.03 |
| 378 | 1-2526 | 12526 | 4 | 9/30/94 | 7736.67 | 3509.33 | 11246 | 779.67 | 48.76 | 7510.11 | 3406.55 | 133.68 | 60.64 | 194.32 | 1.18 | 298.98 | 43.26 | 5.94 | 1.34 | 480.69 | 67.92 | 412.77 | 52.94 |
| 379 | 4-0929 | 40929 | 4 | 9/30/94 | 7736.67 | 3509.33 | 11246 | 779.67 | 48.76 | 7505.7 | 3404.54 | 135.22 | 61.33 | 196.55 | 1.23 | 293.53 | 43.14 | 6.14 | 1.36 | 486.14 | 68.83 | 417.31 | 53.52 |
| 380 | 4-2435 | 42435 | 4 | 9/30/94 | 7736.67 | 3509.33 | 11246 | 779.67 | 48.76 | 7505.7 | 3404.54 | 135.22 | 61.33 | 196.55 | 1.23 | 293.53 | 43.14 | 6.14 | 1.36 | 486.14 | 68.83 | 417.31 | 53.52 |
| 381 | 5-1216 | 51216 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6190 | 2861.09 | 38.22 | 17.66 | 55.88 | 0.02 | 611.05 | 45.08 | 0.46 | 0.7 | 144.09 | 18.82 | 125.27 | 16.59 |
| 382 | 5-1221 | 51221 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6155.52 | 2845.16 | 63.37 | 29.29 | 92.66 | 0.11 | 524.73 | 44.09 | 1.28 | 0.97 | 230.41 | 31.54 | 198.87 | 26.34 |
| 383 | 5-4058 | 54058 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6187.74 | 2860.02 | 40.18 | 18.57 | 58.75 | 0.02 | 607.3 | 45 | 0.51 | 0.73 | 147.84 | 19.81 | 128.03 | 16.95 |
| 384 | 5-4104 | 54104 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6149.49 | 2842.34 | 67.77 | 31.32 | 99.09 | 0.13 | 516.78 | 43.91 | 1.44 | 1.02 | 238.36 | 33.78 | 204.58 | 27.09 |
| 385 | 5-5368 | 55368 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6164.22 | 2849.18 | 57.72 | 26.68 | 84.4 | 0.08 | 550.06 | 44.33 | 1.03 | 0.93 | 205.08 | 28.64 | 176.44 | 23.37 |
| 386 | 5-5395 | 55395 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6164.22 | 2849.18 | 57.72 | 26.68 | 84.4 | 0.08 | 550.06 | 44.33 | 1.03 | 0.93 | 205.08 | 28.64 | 176.44 | 23.37 |
| 387 | 5-5414 | 55414 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6187.74 | 2860.02 | 40.18 | 18.57 | 58.75 | 0.02 | 607.3 | 45 | 0.51 | 0.73 | 147.84 | 19.81 | 128.03 | 16.95 |
| 388 | 5-5733 | 55733 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6155.52 | 2845.16 | 63.37 | 29.29 | 92.66 | 0.11 | 524.73 | 44.09 | 1.28 | 0.97 | 230.41 | 31.54 | 198.87 | 26.34 |
| 389 | 5-5768 | 55768 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6155.52 | 2845.16 | 63.37 | 29.29 | 92.66 | 0.11 | 524.73 | 44.09 | 1.28 | 0.97 | 230.41 | 31.54 | 198.87 | 26.34 |
| 390 | 5-5781 | 55781 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6155.38 | 2845.09 | 63.4 | 29.3 | 92.7 | 0.11 | 524.76 | 44.09 | 1.29 | 0.98 | 230.38 | 31.57 | 198.81 | 26.33 |
| 391 | 5-5782 | 55782 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6170 | 2851.83 | 53.36 | 24.66 | 78.02 | 0.06 | 560.07 | 44.51 | 0.9 | 0.87 | 195.07 | 26.43 | 168.64 | 22.33 |
| 392 | 5-5800 | 55800 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6152.3 | 2843.65 | 65.4 | 30.23 | 95.63 | 0.12 | 516.11 | 44.01 | 1.37 | 0.98 | 239.03 | 32.58 | 206.45 | 27.34 |
| 393 | 5-6082 | 56082 | 9 | 9/30/94 | 6233.11 | 2881.01 | 9114.12 | 755.14 | 46.24 | 6164.22 | 2849.18 | 57.72 | 26.68 | 84.4 | 0.08 | 550.06 | 44.33 | 1.03 | 0.93 | 205.08 | 28.64 | 176.44 | 23.37 |
| 394 | 1-0582 | 10582 | 9 | 9/30/94 | 6224.1 | 2858.7 | 9082.8 | 749.30 | 45.88 | 6130.26 | 2815.65 | 73.72 | 33.86 | 107.58 | 0.18 | 484.18 | 43.27 | 1.77 | 1.06 | 265.12 | 36.69 | 228.43 | 30.49 |
| 395 | 1-1953 | 11953 | 9 | 9/30/94 | 6224.1 | 2858.7 | 9082.8 | 749.30 | 45.88 | 6172.79 | 2835.14 | 44.58 | 20.48 | 65.06 | 0.03 | 583.16 | 44.49 | 0.63 | 0.77 | 166.14 | 21.88 | 144.26 | 19.25 |
| 396 | 4-0474 | 40474 | 9 | 9/30/94 | 6224.1 | 2858.7 | 9082.8 | 749.30 | 45.88 | 6140.59 | 2820.34 | 67.67 | 31.08 | 98.75 | 0.13 | 512.78 | 43.57 | 1.43 | 1.01 | 236.52 | 33.52 | 203 | 27.09 |
| 397 | 4-0740 | 40740 | 9 | 9/30/94 | 6224.1 | 2858.7 | 9082.8 | 749.30 | 45.88 | 6130.26 | 2815.65 | 73.72 | 33.86 | 107.58 | 0.18 | 484.18 | 43.27 | 1.77 | 1.06 | 265.12 | 36.69 | 228.43 | 30.49 |
| 398 | 4-0959 | 40959 | 9 | 9/30/94 | 6224.1 | 2858.7 | 9082.8 | 749.30 | 45.88 | 6182.51 | 2839.64 | 36.95 | 16.97 | 53.92 | 0.02 | 609.81 | 44.77 | 0.44 | 0.68 | 139.49 | 18.09 | 121.4 | 16.20 |
| 399 | 4-1991 | 41991 | 9 | 9/30/94 | 6224.1 | 2858.7 | 9082.8 | 749.30 | 45.88 | 6130.26 | 2815.65 | 73.72 | 33.86 | 107.58 | 0.18 | 484.18 | 43.27 | 1.77 | 1.06 | 265.12 | 36.69 | 228.43 | 30.49 |
| 400 | 1-1114 | 11114 | 9 | 9/30/94 | 6327.95 | 2857 | 9184.95 | 748.85 | 45.85 | 6275.79 | 2833.45 | 45.32 | 20.46 | 65.78 | 0.04 | 582.82 | 44.46 | 0.63 | 0.77 | 166.03 | 21.86 | 144.17 | 19.25 |
| 401 | 5-2295 | 52295 | 5 | 9/30/94 | 8904.23 | 3366.77 | 12271 | 747.99 | 46.78 | 8672.03 | 3278.99 | 137.84 | 52.12 | 189.96 | 1.07 | 287.21 | 42.2 | 4.88 | 1.1 | 460.78 | 58.1 | 402.68 | 53.83 |
| 402 | 5-2645 | 52645 | 5 | 9/30/94 | 8904.23 | 3366.77 | 12271 | 747.99 | 46.78 | 8683.46 | 3283.33 | 134.18 | 50.74 | 184.92 | 0.95 | 302.04 | 42.4 | 4.51 | 1.09 | 445.95 | 56.34 | 389.61 | 52.09 |
| 403 | 1-1125 | 11125 | 9 | 9/30/94 | 6391.74 | 2847.66 | 9239.4 | 746.39 | 45.7 | 6345.22 | 2826.91 | 41.2 | 18.36 | 59.56 | 0.03 | 600.27 | 44.48 | 0.5 | 0.72 | 146.12 | 19.58 | 126.54 | 16.95 |
| 404 | 1-4157 | 14157 | 9 | 9/30/94 | 6391.74 | 2847.66 | 9239.4 | 746.39 | 45.7 | 6305.99 | 2809.44 | 69.49 | 30.96 | 100.45 | 0.13 | 510.8 | 43.4 | 1.43 | 1.01 | 235.59 | 33.4 | 202.19 | 27.09 |
| 405 | 1-4533 | 14533 | 9 | 9/30/94 | 6391.74 | 2847.66 | 9239.4 | 746.39 | 45.7 | 6339.06 | 2824.18 | 45.78 | 20.4 | 66.18 | 0.04 | 580.91 | 44.32 | 0.63 | 0.77 | 165.48 | 21.8 | 143.68 | 19.25 |
| 406 | 1-6062 | 16062 | 9 | 9/30/94 | 6391.74 | 2847.66 | 9239.4 | 746.39 | 45.7 | 6324.98 | 2817.92 | 56.1 | 25 | 81.1 | 0.07 | 547.94 | 43.94 | 0.94 | 0.87 | 198.45 | 26.81 | 171.64 | 23.00 |
| 407 | 5-0059 | 50059 | 4 | 9/30/94 | 8851.61 | 3358.39 | 12210 | 746.13 | 46.67 | 8491.63 | 3221.81 | 166.77 | 63.27 | 230.04 | 2.97 | 173.26 | 39.77 | 8.53 | 1.17 | 572.87 | 72.97 | 499.9 | 67.00 |
| 408 | 5-0371 | 50371 | 4 | 9/30/94 | 8851.61 | 3358.39 | 12210 | 746.13 | 46.67 | 8506.84 | 3227.61 | 164.39 | 62.37 | 226.76 | 2.7 | 183.83 | 40.04 | 8.12 | 1.17 | 562.3 | 71.66 | 490.64 | 65.76 |
| 409 | 4-2463 | 42463 | 6 | 9/30/94 | 7761.89 | 3287.11 | 11049 | 730.30 | 45.68 | 7515.33 | 3182.67 | 140.32 | 59.42 | 199.74 | 1.42 | 254.28 | 40.16 | 6.29 | 1.28 | 476.02 | 66.99 | 409.03 | 56.01 |
| 410 | 5-2911 | 52911 | 5 | 9/30/94 | 8197.08 | 3282.92 | 11480 | 729.36 | 45.62 | 7883.92 | 3157.49 | 155.2 | 62.16 | 217.36 | 2.33 | 192.37 | 39.27 | 7.71 | 1.15 | 536.99 | 71.02 | 465.97 | 63.89 |
| 411 | 5-0408 | 50408 | 6 | 9/30/94 | 8197.08 | 3282.92 | 11480 | 729.36 | 45.62 | 7865.25 | 3150.03 | 157.87 | 63.23 | 221.1 | 2.67 | 173.73 | 38.97 | 8.36 | 1.18 | 555.63 | 72.77 | 482.86 | 66.20 |
| 412 | 5-1784 | 51784 | 6 | 9/30/94 | 8250.47 | 3274.53 | 11525 | 727.50 | 45.5 | 7905.05 | 3137.44 | 161.22 | 63.99 | 225.21 | 2.88 | 165.3 | 38.65 | 8.7 | 1.2 | 562.2 | 73.89 | 488.31 | 67.12 |
| 413 | 1-0142 | 10142 | 5 | 9/30/94 | 7597.66 | 3270.34 | 10868 | 726.57 | 45.44 | 7251.48 | 3121.33 | 170.96 | 73.59 | 244.55 | 3.06 | 185.63 | 37.57 | 10.11 | 1.53 | 540.94 | 85.23 | 455.71 | 62.72 |
| 414 | 1-0182 | 10182 | 6 | 9/30/94 | 7597.66 | 3270.34 | 10868 | 726.57 | 45.44 | 7365.93 | 3170.59 | 134.12 | 57.73 | 191.85 | 1.25 | 266.33 | 40.16 | 5.8 | 1.23 | 460.24 | 64.76 | 395.48 | 54.43 |
| 415 | 1-0320 | 10320 | 6 | 9/30/94 | 7597.66 | 3270.34 | 10868 | 726.57 | 45.44 | 7275.07 | 3131.49 | 160.62 | 69.14 | 229.76 | 2.64 | 195 | 38.19 | 8.95 | 1.35 | 531.57 | 79.44 | 452.13 | 62.23 |
| 416 | 1-1390 | 11390 | 6 | 9/30/94 | 7597.66 | 3270.34 | 10868 | 726.57 | 45.44 | 7362.67 | 3169.18 | 135.77 | 58.44 | 194.21 | 1.29 | 262.62 | 40.08 | 5.99 | 1.25 | 463.95 | 65.68 | 398.27 | 54.82 |
| 417 | 1-1689 | 11689 | 6 | 9/30/94 | 7597.66 | 3270.34 | 10868 | 726.57 | 45.44 | 7275.07 | 3131.49 | 160.62 | 69.14 | 229.76 | 2.64 | 195 | 38.19 | 8.95 | 1.35 | 531.57 | 79.44 | 452.13 | 62.23 |
| 418 | 5-0781 | 50781 | 6 | 9/30/94 | 8213.85 | 3266.15 | 11480 | 725.64 | 45.38 | 7981.74 | 3173.86 | 132.51 | 52.69 | 185.2 | 1.19 | 254.32 | 40.71 | 5.23 | 1.06 | 471.32 | 58.98 | 412.34 | 56.82 |
| 419 | 5-2700 | 52700 | 6 | 9/30/94 | 8213.85 | 3266.15 | 11480 | 725.64 | 45.38 | 7990.74 | 3177.43 | 129.78 | 51.61 | 181.39 | 1.09 | 264.21 | 40.89 | 4.94 | 1.06 | 461.43 | 57.61 | 403.82 | 55.65 |
| 420 | 1-2488 | 12488 | 4 | 9/30/94 | 7794.24 | 3257.76 | 11052 | 723.78 | 45.27 | 7428.43 | 3104.83 | 174.15 | 72.79 | 246.94 | 3.33 | 174.76 | 37.35 | 10 | 1.39 | 549.02 | 84.18 | 464.84 | 64.22 |
| 421 | 1-0170 | 10170 | 4 | 9/30/94 | 7950.81 | 3245.19 | 11196 | 720.98 | 45.09 | 7543.4 | 3078.91 | 178.34 | 72.79 | 251.13 | 4.13 | 145.11 | 36.64 | 10.91 | 1.38 | 575.87 | 85.08 | 490.79 | 68.07 |
| 422 | 1-0438 | 10438 | 4 | 9/30/94 | 7950.81 | 3245.19 | 11196 | 720.98 | 45.09 | 7587.51 | 3096.88 | 176.95 | 72.22 | 249.17 | 3.21 | 181.28 | 37.38 | 9.72 | 1.39 | 539.7 | 83.33 | 456.37 | 63.30 |
| 423 | 1-0763 | 10763 | 4 | 9/30/94 | 7950.81 | 3245.19 | 11196 | 720.98 | 45.09 | 7555.28 | 3083.75 | 176.85 | 72.18 | 249.03 | 3.88 | 152.61 | 36.86 | 10.55 | 1.36 | 568.37 | 84.09 | 484.28 | 67.17 |
| 424 | 1-1154 | 11154 | 4 | 9/30/94 | 7950.81 | 3245.19 | 11196 | 720.98 | 45.09 | 7543.4 | 3078.91 | 178.34 | 72.79 | 251.13 | 4.13 | 145.11 | 36.64 | 10.91 | 1.38 | 575.87 | 85.08 | 490.79 | 68.07 |
| 425 | 1-1557 | 11557 | 4 | 9/30/94 | 7950.81 | 3245.19 | 11196 | 720.98 | 45.09 | 7564.7 | 3087.58 | 180.02 | 73.48 | 253.5 | 3.7 | 162.7 | 36.97 | 10.51 | 1.43 | 558.28 | 85.42 | 472.86 | 65.59 |
| 426 | 1-2913 | 12913 | 4 | 9/30/94 | 7950.81 | 3245.19 | 11196 | 720.98 | 45.09 | 7564.7 | 3087.58 | 180.02 | 73.48 | 253.5 | 3.7 | 162.7 | 36.97 | 10.51 | 1.43 | 558.28 | 85.42 | 472.86 | 65.59 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 427 | 1-4329 | 14329 | 4 | 9/30/94 | 7950.81 | 3245.19 | 11196 | 720.98 | 45.09 | 7557.91 | 3084.8 | 180.91 | 73.84 | 254.75 | 3.82 | 160.17 | 36.83 | 10.64 | 1.43 | 560.81 | 85.91 | 474.9 | 65.87 |
| 428 | 1-5003 | 15003 | 4 | 9/30/94 | 7950.81 | 3245.19 | 11196 | 720.98 | 45.09 | 7557.91 | 3084.8 | 180.91 | 73.84 | 254.75 | 3.82 | 160.17 | 36.83 | 10.64 | 1.43 | 560.81 | 85.91 | 474.9 | 65.87 |
| 429 | 1-5205 | 15205 | 4 | 9/30/94 | 7950.81 | 3245.19 | 11196 | 720.98 | 45.09 | 7555.28 | 3083.75 | 176.85 | 72.18 | 249.03 | 3.88 | 152.61 | 36.86 | 10.55 | 1.36 | 568.37 | 84.09 | 484.28 | 67.17 |
| 430 | 1-0565 | 10565 | 5 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7540.72 | 3091.01 | 175.8 | 72.06 | 247.86 | 3.57 | 164.16 | 37.08 | 10.43 | 1.47 | 556.82 | 83.96 | 472.86 | 65.59 |
| 431 | 1-1448 | 11448 | 5 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7551.83 | 3095.55 | 176.75 | 72.45 | 249.2 | 3.3 | 176.61 | 37.22 | 10.17 | 1.49 | 544.37 | 84.11 | 460.26 | 63.84 |
| 432 | 1-2133 | 12133 | 5 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7558.4 | 3098.27 | 172.83 | 70.84 | 243.67 | 3.15 | 177.93 | 37.38 | 9.79 | 1.4 | 543.05 | 82.03 | 461.02 | 63.94 |
| 433 | 1-2204 | 12204 | 5 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7560.18 | 3098.99 | 173.46 | 71.1 | 244.56 | 3.11 | 181.42 | 37.4 | 9.73 | 1.42 | 539.56 | 82.25 | 457.31 | 63.43 |
| 434 | 1-2311 | 12311 | 5 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7558.4 | 3098.27 | 172.83 | 70.84 | 243.67 | 3.15 | 177.93 | 37.38 | 9.79 | 1.4 | 543.05 | 82.03 | 461.02 | 63.94 |
| 435 | 1-2833 | 12833 | 5 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7554.57 | 3096.7 | 174.75 | 71.63 | 246.38 | 3.22 | 176.8 | 37.29 | 9.97 | 1.44 | 544.18 | 83.04 | 461.14 | 63.96 |
| 436 | 4-0697 | 40697 | 5 | 9/30/94 | 7831.81 | 3245.19 | 11077 | 720.98 | 45.09 | 7591.37 | 3145.56 | 141.65 | 58.69 | 200.34 | 1.31 | 267.03 | 39.74 | 6.01 | 1.34 | 453.95 | 66.04 | 387.91 | 53.80 |
| 437 | 1-0213 | 10213 | 6 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7562.31 | 3099.88 | 170.76 | 70 | 240.76 | 3.09 | 181.19 | 37.49 | 9.51 | 1.36 | 539.79 | 80.87 | 458.92 | 63.65 |
| 438 | 1-0229 | 10229 | 6 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7546.69 | 3093.46 | 174.8 | 71.65 | 246.45 | 3.42 | 168.52 | 37.2 | 10.18 | 1.44 | 552.46 | 83.27 | 469.19 | 65.08 |
| 439 | 1-1745 | 11745 | 6 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7555.94 | 3097.24 | 173.53 | 71.13 | 244.66 | 3.21 | 177.41 | 37.34 | 9.85 | 1.41 | 543.57 | 82.39 | 461.18 | 63.97 |
| 440 | 1-2675 | 12675 | 6 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7562.31 | 3099.88 | 170.76 | 70 | 240.76 | 3.09 | 181.19 | 37.49 | 9.51 | 1.36 | 539.79 | 80.87 | 458.92 | 63.65 |
| 441 | 1-2875 | 12875 | 6 | 9/30/94 | 7916.81 | 3245.19 | 11162 | 720.98 | 45.09 | 7555.94 | 3097.24 | 173.53 | 71.13 | 244.66 | 3.21 | 177.41 | 37.34 | 9.85 | 1.41 | 543.57 | 82.39 | 461.18 | 63.97 |
| 442 | 1-0370 | 10370 | 4 | 9/30/94 | 7883.01 | 3240.99 | 11124 | 720.05 | 45.03 | 7543.47 | 3101.39 | 172.13 | 70.77 | 242.9 | 2.81 | 194.92 | 37.64 | 9.32 | 1.46 | 525.13 | 81.55 | 443.58 | 61.60 |
| 443 | 1-1629 | 11629 | 4 | 9/30/94 | 7883.01 | 3240.99 | 11124 | 720.05 | 45.03 | 7555.18 | 3106.18 | 169.38 | 69.64 | 239.02 | 2.58 | 206.76 | 37.84 | 8.84 | 1.42 | 513.29 | 79.9 | 433.39 | 60.19 |
| 444 | 1-1734 | 11734 | 4 | 9/30/94 | 7883.01 | 3240.99 | 11124 | 720.05 | 45.03 | 7512.5 | 3088.65 | 172.95 | 71.11 | 244.06 | 3.42 | 166.18 | 37.12 | 10.15 | 1.4 | 553.87 | 82.66 | 471.21 | 65.44 |
| 445 | 1-1772 | 11772 | 4 | 9/30/94 | 7883.01 | 3240.99 | 11124 | 720.05 | 45.03 | 7555.18 | 3106.18 | 169.38 | 69.64 | 239.02 | 2.58 | 206.76 | 37.84 | 8.84 | 1.42 | 513.29 | 79.9 | 433.39 | 60.19 |
| 446 | 1-1944 | 11944 | 4 | 9/30/94 | 7883.01 | 3240.99 | 11124 | 720.05 | 45.03 | 7543.47 | 3101.39 | 172.13 | 70.77 | 242.9 | 2.81 | 194.92 | 37.64 | 9.32 | 1.46 | 525.13 | 81.55 | 443.58 | 61.60 |
| 447 | 1-2401 | 12401 | 4 | 9/30/94 | 7883.01 | 3240.99 | 11124 | 720.05 | 45.03 | 7512.5 | 3088.65 | 172.95 | 71.11 | 244.06 | 3.42 | 166.18 | 37.12 | 10.15 | 1.4 | 553.87 | 82.66 | 471.21 | 65.44 |
| 448 | 1-2924 | 12924 | 4 | 9/30/94 | 7883.01 | 3240.99 | 11124 | 720.05 | 45.03 | 7559.82 | 3108.11 | 168.85 | 69.42 | 238.27 | 2.5 | 209.25 | 37.93 | 8.75 | 1.43 | 510.8 | 79.6 | 431.2 | 59.88 |
| 449 | 1-0584 | 10584 | 5 | 9/30/94 | 7917.01 | 3240.99 | 11158 | 720.05 | 45.03 | 7554.75 | 3092.7 | 174.75 | 71.54 | 246.29 | 3.22 | 176.58 | 37.24 | 9.96 | 1.44 | 543.47 | 82.94 | 460.53 | 63.96 |
| 450 | 1-1848 | 11848 | 5 | 9/30/94 | 7810.01 | 3240.99 | 11051 | 720.05 | 45.03 | 7438.98 | 3087.02 | 173.43 | 71.97 | 245.4 | 3.52 | 163.95 | 37.03 | 10.41 | 1.47 | 556.1 | 83.85 | 472.25 | 65.59 |
| 451 | S-2768 | 82768 | 4 | 9/30/94 | 7696.39 | 3232.61 | 10929 | 718.19 | 44.92 | 7460.93 | 3133.71 | 135.77 | 57.03 | 192.8 | 1.28 | 258.65 | 39.69 | 5.82 | 1.21 | 459.54 | 64.06 | 395.48 | 55.07 |
| 452 | 4-2399 | 42399 | 5 | 9/30/94 | 7823.39 | 3232.61 | 11056 | 718.19 | 44.92 | 7578.1 | 3131.26 | 141.83 | 58.6 | 200.43 | 1.38 | 256.38 | 39.53 | 6.14 | 1.3 | 461.81 | 66.04 | 395.77 | 55.11 |
| 453 | 1-2651 | 12651 | 5 | 9/30/94 | 7923.97 | 3220.03 | 11144 | 715.39 | 44.74 | 7675.52 | 3119.08 | 143.65 | 58.38 | 202.03 | 1.4 | 255.38 | 39.37 | 6.12 | 1.29 | 460.01 | 65.79 | 394.22 | 55.11 |
| 454 | 1-2770 | 12770 | 5 | 9/30/94 | 7923.97 | 3220.03 | 11144 | 715.39 | 44.74 | 7558.66 | 3071.56 | 176.91 | 71.89 | 248.8 | 3.31 | 175.24 | 36.93 | 10.09 | 1.48 | 540.15 | 83.46 | 456.69 | 63.84 |
| 455 | 1-0271 | 10271 | 6 | 9/30/94 | 7923.97 | 3220.03 | 11144 | 715.39 | 44.74 | 7701.28 | 3129.56 | 133.28 | 54.16 | 187.44 | 1.08 | 279.56 | 39.94 | 5.1 | 1.18 | 435.83 | 60.44 | 375.39 | 52.47 |
| 456 | 1-1743 | 11743 | 6 | 9/30/94 | 7923.97 | 3220.03 | 11144 | 715.39 | 44.74 | 7600.4 | 3088.57 | 169.08 | 68.71 | 237.79 | 2.49 | 209.53 | 37.73 | 8.6 | 1.41 | 505.86 | 78.72 | 427.14 | 59.71 |
| 457 | 1-1900 | 11900 | 6 | 9/30/94 | 7923.97 | 3220.03 | 11144 | 715.39 | 44.74 | 7709.23 | 3132.73 | 133.72 | 54.34 | 188.06 | 0.97 | 296.77 | 40.04 | 4.96 | 1.28 | 418.62 | 60.58 | 358.04 | 50.05 |
| 458 | 1-2291 | 12291 | 6 | 9/30/94 | 7923.97 | 3220.03 | 11144 | 715.39 | 44.74 | 7672.27 | 3117.72 | 143.25 | 58.21 | 201.46 | 1.45 | 249.09 | 39.34 | 6.16 | 1.25 | 466.3 | 65.62 | 400.68 | 56.01 |
| 459 | 1-2347 | 12347 | 6 | 9/30/94 | 7923.97 | 3220.03 | 11144 | 715.39 | 44.74 | 7602.08 | 3089.21 | 169.34 | 68.81 | 238.15 | 2.48 | 209.89 | 37.76 | 8.61 | 1.44 | 505.5 | 78.86 | 426.64 | 59.64 |
| 460 | 1-2565 | 12565 | 6 | 9/30/94 | 7923.97 | 3220.03 | 11144 | 715.39 | 44.74 | 7602.08 | 3089.21 | 169.34 | 68.81 | 238.15 | 2.48 | 209.89 | 37.76 | 8.61 | 1.44 | 505.5 | 78.86 | 426.64 | 59.64 |
| 461 | 2-2617 | 22617 | 9 | 9/30/94 | 3544.88 | 2727.76 | 6272.64 | 714.97 | 43.78 | 3503.67 | 2696.03 | 34.41 | 26.48 | 60.89 | 0.06 | 526.18 | 41.59 | 1.2 | 1.21 | 188.79 | 28.89 | 159.9 | 22.36 |
| 462 | 2-4095 | 24095 | 9 | 9/30/94 | 3544.88 | 2727.76 | 6272.64 | 714.97 | 43.78 | 3489.99 | 2685.49 | 43.59 | 33.54 | 77.13 | 0.12 | 481.91 | 40.91 | 1.88 | 1.33 | 233.06 | 36.75 | 196.31 | 27.46 |
| 463 | 2-5349 | 25349 | 9 | 9/30/94 | 3544.88 | 2727.76 | 6272.64 | 714.97 | 43.78 | 3493.66 | 2688.28 | 41.39 | 31.85 | 73.24 | 0.1 | 496.46 | 41.1 | 1.66 | 1.3 | 218.51 | 34.81 | 183.7 | 25.69 |
| 464 | 2-5747 | 25747 | 9 | 9/30/94 | 3544.88 | 2727.76 | 6272.64 | 714.97 | 43.78 | 3489.33 | 2685.03 | 43.59 | 33.54 | 77.13 | 0.12 | 473.6 | 40.96 | 1.88 | 1.23 | 241.37 | 36.65 | 204.72 | 28.63 |
| 465 | 2-5751 | 25751 | 9 | 9/30/94 | 3544.88 | 2727.76 | 6272.64 | 714.97 | 43.78 | 3505.96 | 2697.81 | 32.82 | 25.25 | 58.07 | 0.05 | 535.07 | 41.71 | 1.08 | 1.17 | 179.9 | 27.5 | 152.4 | 21.32 |
| 466 | 1-1387 | 11387 | 5 | 9/30/94 | 7899.16 | 3215.84 | 11115 | 714.46 | 44.69 | 7539.24 | 3069.31 | 177.74 | 72.36 | 250.1 | 3.18 | 182.53 | 36.95 | 9.94 | 1.51 | 531.93 | 83.81 | 448.12 | 62.72 |
| 467 | 1-2018 | 12018 | 5 | 9/30/94 | 7899.16 | 3215.84 | 11115 | 714.46 | 44.69 | 7543.32 | 3070.96 | 173.07 | 70.46 | 243.53 | 3.11 | 179.78 | 37.06 | 9.64 | 1.41 | 534.68 | 81.51 | 453.17 | 63.43 |
| 468 | 1-0770 | 10770 | 6 | 9/30/94 | 7899.16 | 3215.84 | 11115 | 714.46 | 44.69 | 7576.6 | 3084.54 | 168.55 | 68.62 | 237.17 | 2.49 | 209.25 | 37.68 | 8.58 | 1.41 | 505.21 | 78.61 | 426.6 | 59.71 |
| 469 | 1-0783 | 10783 | 6 | 9/30/94 | 7899.16 | 3215.84 | 11115 | 714.46 | 44.69 | 7677.17 | 3125.48 | 132.87 | 54.09 | 186.96 | 1.07 | 279.2 | 39.89 | 5.1 | 1.18 | 435.26 | 60.37 | 374.89 | 52.47 |
| 470 | 1-0815 | 10815 | 6 | 9/30/94 | 7899.16 | 3215.84 | 11115 | 714.46 | 44.69 | 7658.24 | 3117.75 | 139.44 | 56.77 | 196.21 | 1.3 | 261.89 | 39.49 | 5.71 | 1.2 | 452.57 | 63.68 | 388.89 | 54.43 |
| 471 | 1-1399 | 11399 | 6 | 9/30/94 | 7899.16 | 3215.84 | 11115 | 714.46 | 44.69 | 7654.85 | 3116.36 | 141.16 | 57.47 | 198.63 | 1.34 | 258.24 | 39.42 | 5.89 | 1.23 | 456.22 | 64.59 | 391.63 | 54.81 |
| 472 | 1-1662 | 11662 | 6 | 9/30/94 | 7899.16 | 3215.84 | 11115 | 714.46 | 44.69 | 7684.34 | 3128.36 | 133.18 | 54.22 | 187.4 | 0.97 | 296.57 | 39.95 | 4.95 | 1.26 | 417.89 | 60.43 | 357.46 | 50.03 |
| 473 | 1-0080 | 10080 | 4 | 9/30/94 | 7808.36 | 3211.64 | 11020 | 713.53 | 44.63 | 7441.89 | 3060.88 | 174.47 | 71.76 | 246.23 | 3.33 | 172.28 | 36.82 | 9.86 | 1.37 | 541.25 | 82.99 | 458.26 | 64.22 |
| 474 | 1-0358 | 10358 | 4 | 9/30/94 | 7808.36 | 3211.64 | 11020 | 713.53 | 44.63 | 7448.7 | 3063.74 | 173.9 | 71.53 | 245.43 | 3.22 | 175.13 | 36.89 | 9.93 | 1.44 | 538.4 | 82.9 | 455.5 | 63.84 |
| 475 | 1-0719 | 10719 | 4 | 9/30/94 | 7808.36 | 3211.64 | 11020 | 713.53 | 44.63 | 7451.13 | 3064.75 | 169.76 | 69.82 | 239.58 | 3.19 | 171.75 | 36.99 | 9.7 | 1.37 | 541.78 | 80.89 | 460.89 | 64.59 |
| 476 | 1-0842 | 10842 | 4 | 9/30/94 | 7808.36 | 3211.64 | 11020 | 713.53 | 44.63 | 7448.7 | 3063.74 | 173.9 | 71.53 | 245.43 | 3.22 | 175.13 | 36.89 | 9.93 | 1.44 | 538.4 | 82.9 | 455.5 | 63.84 |
| 477 | 1-1674 | 11674 | 4 | 9/30/94 | 7808.36 | 3211.64 | 11020 | 713.53 | 44.63 | 7451.56 | 3064.87 | 173.78 | 71.48 | 245.26 | 3.15 | 179.41 | 37 | 9.62 | 1.37 | 534.12 | 82.47 | 451.65 | 63.30 |
| 478 | 1-4928 | 14928 | 4 | 9/30/94 | 7808.36 | 3211.64 | 11020 | 713.53 | 44.63 | 7451.13 | 3064.75 | 169.76 | 69.82 | 239.58 | 3.19 | 171.75 | 36.99 | 9.7 | 1.37 | 541.78 | 80.89 | 460.89 | 64.59 |
| 479 | 4-0914 | 40914 | 5 | 9/30/94 | 7964.55 | 3207.45 | 11172 | 712.60 | 44.57 | 7724.39 | 3110.72 | 140.06 | 56.41 | 196.47 | 1.27 | 260.42 | 39.43 | 5.73 | 1.22 | 452.18 | 63.36 | 388.82 | 54.56 |
| 480 | 8-1143 | 81143 | 5 | 9/30/94 | 7964.55 | 3207.45 | 11172 | 712.60 | 44.57 | 7720.03 | 3108.98 | 144.05 | 58.01 | 202.06 | 1.33 | 263.93 | 39.28 | 5.94 | 1.32 | 448.67 | 65.27 | 383.4 | 53.80 |
| 481 | 5-0706 | 50706 | 6 | 9/30/94 | 8616.74 | 3203.26 | 11820 | 711.67 | 44.51 | 8233.17 | 3060.68 | 170.34 | 63.33 | 233.67 | 3.42 | 144.96 | 37.52 | 8.92 | 1.14 | 566.71 | 73.39 | 493.32 | 69.32 |
| 482 | 2-5409 | 25409 | 9 | 9/30/94 | 3528.3 | 2712.84 | 6241.14 | 711.06 | 43.54 | 3477.27 | 2673.68 | 40.84 | 31.4 | 72.24 | 0.1 | 488.93 | 40.96 | 1.61 | 1.19 | 222.13 | 34.2 | 187.93 | 26.43 |
| 483 | 1-0157 | 10157 | 3 | 3/31/86 | 9546.13 | 3194.87 | 12741 | 709.80 | 44.39 | 9284.36 | 3107.27 | 162.04 | 54.23 | 216.27 | 1.27 | 292.84 | 39.57 | 5.04 | 1.22 | 416.96 | 60.49 | 356.47 | 50.22 |
| 484 | 1-1004 | 11004 | 3 | 3/31/86 | 9546.13 | 3194.87 | 12741 | 709.80 | 44.39 | 9266.65 | 3101.34 | 170.1 | 56.93 | 227.03 | 1.48 | 283.98 | 39.17 | 5.57 | 1.29 | 425.82 | 63.79 | 362.03 | 51.00 |
| 485 | 1-1121 | 11121 | 3 | 3/31/86 | 9546.13 | 3194.87 | 12741 | 709.80 | 44.39 | 9265.05 | 3100.8 | 166.8 | 55.83 | 222.63 | 1.53 | 272.59 | 39.24 | 5.53 | 1.19 | 437.21 | 62.55 | 374.66 | 52.78 |
| 486 | 1-1163 | 11163 | 3 | 3/31/86 | 9546.13 | 3194.87 | 12741 | 709.80 | 44.39 | 9258.99 | 3098.77 | 172.1 | 57.6 | 229.7 | 1.6 | 274.33 | 39.06 | 5.83 | 1.31 | 435.47 | 64.74 | 370.73 | 52.23 |
| 487 | 1-1235 | 11235 | 3 | 3/31/86 | 9546.13 | 3194.87 | 12741 | 709.80 | 44.39 | 9258.99 | 3098.77 | 172.1 | 57.6 | 229.7 | 1.6 | 274.33 | 39.06 | 5.83 | 1.31 | 435.47 | 64.74 | 370.73 | 52.23 |
| 488 | 5-2473 | 52473 | 5 | 9/30/94 | 8670.13 | 3194.87 | 11865 | 709.80 | 44.39 | 8316.65 | 3064.63 | 166.32 | 61.29 | 227.61 | 2.85 | 167.85 | 37.91 | 7.98 | 1.08 | 541.95 | 70.35 | 471.6 | 66.44 |
| 489 | 5-2544 | 52544 | 5 | 9/30/94 | 8670.13 | 3194.87 | 11865 | 709.80 | 44.39 | 8301.13 | 3058.92 | 169.24 | 62.36 | 231.6 | 3.11 | 158.81 | 37.64 | 8.42 | 1.11 | 550.99 | 71.89 | 479.1 | 67.50 |
| 490 | 5-0714 | 50714 | 6 | 9/30/94 | 8670.13 | 3194.87 | 11865 | 709.80 | 44.39 | 8299.4 | 3058.25 | 168.9 | 62.24 | 231.14 | 3.17 | 153.42 | 37.66 | 8.53 | 1.12 | 556.38 | 71.89 | 484.49 | 68.26 |
| 491 | 5-1168 | 51168 | 4 | 9/30/94 | 8919.51 | 3186.49 | 12106 | 707.94 | 44.28 | 8675.77 | 3099.39 | 138.68 | 49.54 | 188.22 | 1.22 | 250.62 | 39.85 | 4.83 | 0.98 | 457.32 | 55.35 | 401.97 | 56.78 |
| 492 | 5-2136 | 52136 | 4 | 9/30/94 | 8919.51 | 3186.49 | 12106 | 707.94 | 44.28 | 8685.19 | 3102.78 | 136.07 | 48.61 | 184.68 | 1.11 | 260.22 | 40.02 | 4.57 | 0.99 | 447.72 | 54.17 | 393.55 | 55.59 |
| 493 | 5-0999 | 50999 | 4 | 9/30/94 | 8791.09 | 3173.91 | 11965 | 705.15 | 44.1 | 8422.29 | 3040.75 | 166.44 | 60.09 | 226.53 | 3.11 | 153.38 | 37.56 | 8.14 | 1.07 | 551.77 | 69.3 | 482.47 | 68.42 |
| 494 | 5-2876 | 52876 | 4 | 9/30/94 | 8791.09 | 3173.91 | 11965 | 705.15 | 44.1 | 8403.93 | 3034.13 | 169.17 | 61.08 | 230.25 | 3.44 | 143.51 | 37.26 | 8.56 | 1.08 | 561.64 | 70.72 | 490.92 | 69.62 |
| 495 | 1-1420 | 11420 | 6 | 9/30/94 | 7971.48 | 3165.52 | 11137 | 703.28 | 43.99 | 7598.79 | 3017.52 | 176 | 69.89 | 245.89 | 3.44 | 164.38 | 36.28 | 9.93 | 1.4 | 538.9 | 81.22 | 457.68 | 65.08 |
| 496 | 4-0841 | 40841 | 4 | 9/30/94 | 8024.25 | 3148.75 | 11173 | 699.56 | 43.75 | 7772.63 | 3050.01 | 143.19 | 56.19 | 199.38 | 1.42 | 244.45 | 38.54 | 5.9 | 1.19 | 455.11 | 63.28 | 391.83 | 56.01 |
| 497 | 4-2219 | 42219 | 4 | 9/30/94 | 8024.25 | 3148.75 | 11173 | 699.56 | 43.75 | 7802.94 | 3061.92 | 136.54 | 53.58 | 190.12 | 1.02 | 286.71 | 39.06 | 4.95 | 1.24 | 412.85 | 59.77 | 353.08 | 50.47 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 498 | 4-2523 | 42523 | 4 | 9/30/94 | 8024.25 | 3148.75 | 11173 | 699.56 | 43.75 | 7801.66 | 3061.43 | 136.63 | 53.61 | 190.24 | 1.03 | 284.86 | 39.04 | 4.98 | 1.23 | 414.7 | 59.82 | 354.88 | 50.73 |
| 499 | 5-0817 | 50817 | 5 | 9/30/94 | 9578.25 | 3148.75 | 12727 | 699.56 | 43.75 | 9341.43 | 3070.92 | 135.32 | 44.49 | 179.81 | 1.07 | 245.49 | 40 | 4.09 | 0.84 | 454.07 | 49.42 | 404.65 | 57.84 |
| 500 | 5-1240 | 51240 | 5 | 9/30/94 | 9578.25 | 3148.75 | 12727 | 699.56 | 43.75 | 9344.51 | 3071.91 | 136.15 | 44.76 | 180.91 | 1.04 | 254.66 | 39.98 | 4.07 | 0.87 | 444.9 | 49.7 | 395.2 | 56.49 |
| 501 | 5-2040 | 52040 | 5 | 9/30/94 | 9578.25 | 3148.75 | 12727 | 699.56 | 43.75 | 9356.81 | 3075.94 | 131.19 | 43.13 | 174.32 | 0.91 | 266.71 | 40.2 | 3.7 | 0.83 | 432.85 | 47.66 | 385.19 | 55.06 |
| 502 | 1-0435 | 10435 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6199.83 | 2603.78 | 95.47 | 40.1 | 135.57 | 0.49 | 342.57 | 40.3 | 3.07 | 0.92 | 355.56 | 44.09 | 311.47 | 44.61 |
| 503 | 1-0691 | 10691 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6162.98 | 2588.26 | 110.95 | 46.6 | 157.55 | 0.87 | 289.99 | 39.37 | 4.44 | 1.01 | 408.14 | 52.05 | 356.09 | 51.01 |
| 504 | 1-1422 | 11422 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6140.43 | 2578.83 | 118.89 | 49.93 | 168.82 | 1.16 | 264.24 | 38.8 | 5.26 | 1.05 | 433.89 | 56.24 | 377.65 | 54.09 |
| 505 | 1-2956 | 12956 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6176.17 | 2593.83 | 106.14 | 44.58 | 150.72 | 0.72 | 311.44 | 39.69 | 3.92 | 0.98 | 386.69 | 49.48 | 337.21 | 48.30 |
| 506 | 1-4040 | 14040 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6188.16 | 2598.87 | 101.35 | 42.56 | 143.91 | 0.6 | 330.72 | 39.96 | 3.48 | 0.96 | 367.41 | 47 | 320.41 | 45.90 |
| 507 | 1-4099 | 14099 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6170.42 | 2591.41 | 107.24 | 45.04 | 152.28 | 0.79 | 297.69 | 39.58 | 4.11 | 0.97 | 400.44 | 50.12 | 350.32 | 50.18 |
| 508 | 1-4275 | 14275 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6159.48 | 2586.83 | 112.44 | 47.22 | 159.66 | 0.92 | 289.98 | 39.24 | 4.54 | 1.02 | 408.15 | 52.78 | 355.37 | 50.90 |
| 509 | 1-4307 | 14307 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6140.43 | 2578.83 | 118.89 | 49.93 | 168.82 | 1.16 | 264.24 | 38.8 | 5.26 | 1.05 | 433.89 | 56.24 | 377.65 | 54.09 |
| 510 | 1-4923 | 14923 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6159.48 | 2586.83 | 112.44 | 47.22 | 159.66 | 0.92 | 289.98 | 39.24 | 4.54 | 1.02 | 408.15 | 52.78 | 355.37 | 50.90 |
| 511 | 1-4965 | 14965 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6176.17 | 2593.83 | 106.14 | 44.58 | 150.72 | 0.72 | 311.44 | 39.69 | 3.92 | 0.98 | 386.69 | 49.48 | 337.21 | 48.30 |
| 512 | 1-4978 | 14978 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6188.16 | 2598.87 | 101.35 | 42.56 | 143.91 | 0.6 | 330.72 | 39.96 | 3.48 | 0.96 | 367.41 | 47 | 320.41 | 45.90 |
| 513 | 1-5244 | 15244 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6176.17 | 2593.83 | 106.14 | 44.58 | 150.72 | 0.72 | 311.44 | 39.69 | 3.92 | 0.98 | 386.69 | 49.48 | 337.21 | 48.30 |
| 514 | 1-5578 | 15578 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6159.48 | 2586.83 | 112.44 | 47.22 | 159.66 | 0.92 | 289.98 | 39.24 | 4.54 | 1.02 | 408.15 | 52.78 | 355.37 | 50.90 |
| 515 | 1-5866 | 15866 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6194.88 | 2601.7 | 98.23 | 41.26 | 139.49 | 0.53 | 336.67 | 40.16 | 3.27 | 0.95 | 361.46 | 45.48 | 315.98 | 45.26 |
| 516 | 1-6008 | 16008 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6140.43 | 2578.83 | 118.89 | 49.93 | 168.82 | 1.16 | 264.24 | 38.8 | 5.26 | 1.05 | 433.89 | 56.24 | 377.65 | 54.09 |
| 517 | 1-6079 | 16079 | 8 | 9/30/94 | 9005.4 | 0 | 9005.4 | 698.13 | 44.02 | 6188.16 | 2598.87 | 101.35 | 42.56 | 143.91 | 0.6 | 330.72 | 39.96 | 3.48 | 0.96 | 367.41 | 47 | 320.41 | 45.90 |
| 518 | 1-0990 | 10990 | 1 | 2/1/79 | 9071.63 | 3140.37 | 12212 | 697.69 | 43.64 | 9006.36 | 3117.77 | 57.79 | 20.01 | 77.8 | 0.04 | 559.78 | 42.34 | 0.53 | 0.81 | 137.91 | 21.35 | 116.56 | 16.71 |
| 519 | 1-0843 | 10843 | 3 | 3/31/86 | 9071.63 | 3140.37 | 12212 | 697.69 | 43.64 | 8776.33 | 3038.14 | 170.36 | 58.97 | 229.33 | 1.78 | 251.71 | 38.12 | 6.13 | 1.2 | 445.98 | 66.3 | 379.68 | 54.42 |
| 520 | 1-0877 | 10877 | 3 | 3/31/86 | 9071.63 | 3140.37 | 12212 | 697.69 | 43.64 | 8772.26 | 3036.73 | 171.22 | 59.27 | 230.49 | 1.85 | 247.53 | 38.06 | 6.23 | 1.19 | 450.16 | 66.69 | 383.47 | 54.96 |
| 521 | 1-1378 | 11378 | 3 | 3/31/86 | 9071.63 | 3140.37 | 12212 | 697.69 | 43.64 | 8768.91 | 3035.57 | 172.05 | 59.56 | 231.61 | 1.92 | 242.62 | 37.98 | 6.44 | 1.22 | 455.07 | 67.22 | 387.85 | 55.59 |
| 522 | 1-1584 | 11584 | 3 | 3/31/86 | 9071.63 | 3140.37 | 12212 | 697.69 | 43.64 | 8775.74 | 3037.94 | 166 | 57.47 | 223.47 | 1.82 | 238.81 | 38.24 | 6.03 | 1.09 | 458.88 | 64.59 | 394.29 | 56.51 |
| 523 | 1-0674 | 10674 | 8 | 9/30/94 | 9239.4 | 0 | 9239.4 | 696.83 | 43.94 | 6475.37 | 2615.83 | 78.65 | 31.77 | 110.42 | 0.22 | 416.44 | 41.24 | 1.8 | 0.84 | 280.39 | 34.41 | 245.98 | 35.30 |
| 524 | 1-1655 | 11655 | 8 | 9/30/94 | 9239.4 | 0 | 9239.4 | 696.83 | 43.94 | 6482.12 | 2618.54 | 74.85 | 30.24 | 105.09 | 0.18 | 427.26 | 41.41 | 1.63 | 0.82 | 269.57 | 32.69 | 236.88 | 33.99 |
| 525 | 1-2431 | 12431 | 8 | 9/30/94 | 9239.4 | 0 | 9239.4 | 696.83 | 43.94 | 6484.69 | 2619.58 | 73.11 | 29.53 | 102.64 | 0.17 | 430.29 | 41.49 | 1.55 | 0.8 | 266.54 | 31.88 | 234.66 | 33.68 |
| 526 | 1-2655 | 12655 | 8 | 9/30/94 | 9239.4 | 0 | 9239.4 | 696.83 | 43.94 | 6475.37 | 2615.83 | 78.65 | 31.77 | 110.42 | 0.22 | 416.44 | 41.24 | 1.8 | 0.84 | 280.39 | 34.41 | 245.98 | 35.30 |
| 527 | 1-2960 | 12960 | 8 | 9/30/94 | 9239.4 | 0 | 9239.4 | 696.83 | 43.94 | 6469.48 | 2613.45 | 81.99 | 33.12 | 115.11 | 0.25 | 405.82 | 41.1 | 1.97 | 0.85 | 291.01 | 35.94 | 255.07 | 36.60 |
| 528 | 1-4582 | 14582 | 8 | 9/30/94 | 9239.4 | 0 | 9239.4 | 696.83 | 43.94 | 6475.37 | 2615.83 | 78.65 | 31.77 | 110.42 | 0.22 | 416.44 | 41.24 | 1.8 | 0.84 | 280.39 | 34.41 | 245.98 | 35.30 |
| 529 | 1-5046 | 15046 | 8 | 9/30/94 | 9239.4 | 0 | 9239.4 | 696.83 | 43.94 | 6469.48 | 2613.45 | 81.99 | 33.12 | 115.11 | 0.25 | 405.82 | 41.1 | 1.97 | 0.85 | 291.01 | 35.94 | 255.07 | 36.60 |
| 530 | 1-5136 | 15136 | 8 | 9/30/94 | 9239.4 | 0 | 9239.4 | 696.83 | 43.94 | 6469.48 | 2613.45 | 81.99 | 33.12 | 115.11 | 0.25 | 405.82 | 41.1 | 1.97 | 0.85 | 291.01 | 35.94 | 255.07 | 36.60 |
| 531 | 5-0448 | 50448 | 4 | 9/30/94 | 9497.02 | 3131.98 | 12629 | 695.83 | 43.52 | 9169.28 | 3023.9 | 158.31 | 52.21 | 210.52 | 2.27 | 172.68 | 38.33 | 6.29 | 0.9 | 523.15 | 59.4 | 463.75 | 66.65 |
| 532 | 4-2740 | 42740 | 6 | 9/30/94 | 8250.02 | 3131.98 | 11382 | 695.83 | 43.52 | 8025.66 | 3046.79 | 139.1 | 52.81 | 191.91 | 1.02 | 288.83 | 38.91 | 4.82 | 1.23 | 407 | 58.86 | 348.14 | 50.03 |
| 533 | 1-1403 | 11403 | 3 | 3/31/86 | 9377.6 | 3119.4 | 12497 | 693.04 | 43.35 | 9064.66 | 3015.31 | 177.86 | 59.16 | 237.02 | 1.99 | 241 | 37.72 | 6.4 | 1.22 | 452.04 | 66.78 | 385.26 | 55.59 |
| 534 | 1-0149 | 10149 | 4 | 9/30/94 | 8136.6 | 3119.4 | 11256 | 693.04 | 43.35 | 7910.9 | 3032.9 | 138.54 | 53.11 | 191.65 | 1.05 | 282.21 | 38.67 | 4.93 | 1.22 | 410.83 | 59.26 | 351.57 | 50.73 |
| 535 | 1-0338 | 10338 | 4 | 9/30/94 | 8136.6 | 3119.4 | 11256 | 693.04 | 43.35 | 7904.25 | 3030.34 | 140.7 | 53.94 | 194.64 | 1.14 | 271.31 | 38.57 | 5.2 | 1.23 | 421.73 | 60.37 | 361.36 | 52.14 |
| 536 | 1-1234 | 11234 | 4 | 9/30/94 | 8136.6 | 3119.4 | 11256 | 693.04 | 43.35 | 7887.66 | 3023.97 | 143.54 | 55.03 | 198.57 | 1.36 | 249.59 | 38.3 | 5.62 | 1.17 | 443.45 | 61.82 | 381.63 | 55.07 |
| 537 | 1-1279 | 11279 | 4 | 9/30/94 | 8136.6 | 3119.4 | 11256 | 693.04 | 43.35 | 7888.84 | 3024.41 | 145.28 | 55.7 | 200.98 | 1.33 | 254.66 | 38.27 | 5.68 | 1.24 | 438.38 | 62.62 | 375.76 | 54.22 |
| 538 | 1-1602 | 11602 | 4 | 9/30/94 | 8136.6 | 3119.4 | 11256 | 693.04 | 43.35 | 7912.19 | 3033.38 | 138.45 | 53.08 | 191.53 | 1.03 | 284.03 | 38.7 | 4.91 | 1.23 | 409.01 | 59.22 | 349.79 | 50.47 |
| 539 | 1-2365 | 12365 | 4 | 9/30/94 | 8136.6 | 3119.4 | 11256 | 693.04 | 43.35 | 7881.46 | 3021.58 | 145.2 | 55.67 | 200.87 | 1.44 | 242.17 | 38.18 | 5.85 | 1.18 | 450.87 | 62.7 | 388.17 | 56.01 |
| 540 | 1-2796 | 12796 | 4 | 9/30/94 | 8136.6 | 3119.4 | 11256 | 693.04 | 43.35 | 7888.84 | 3024.41 | 145.28 | 55.7 | 200.98 | 1.33 | 254.66 | 38.27 | 5.68 | 1.24 | 438.38 | 62.62 | 375.76 | 54.22 |
| 541 | 1-2799 | 12799 | 4 | 9/30/94 | 8136.6 | 3119.4 | 11256 | 693.04 | 43.35 | 7904.25 | 3030.34 | 140.7 | 53.94 | 194.64 | 1.14 | 271.31 | 38.57 | 5.2 | 1.23 | 421.73 | 60.37 | 361.36 | 52.14 |
| 542 | 5-2006 | 52006 | 4 | 9/30/94 | 8958.79 | 3115.21 | 12074 | 692.10 | 43.29 | 8605.73 | 2992.45 | 158.11 | 54.98 | 213.09 | 2.83 | 142.44 | 37.46 | 7.42 | 0.97 | 549.66 | 63.37 | 486.29 | 70.26 |
| 543 | 5-2673 | 52673 | 5 | 9/30/94 | 9028.79 | 3115.21 | 12144 | 692.10 | 43.29 | 8693.12 | 2999.37 | 157.7 | 54.41 | 212.11 | 2.51 | 157.9 | 37.74 | 6.93 | 0.95 | 534.2 | 62.29 | 471.91 | 68.19 |
| 544 | 5-2885 | 52885 | 5 | 9/30/94 | 9028.79 | 3115.21 | 12144 | 692.10 | 43.29 | 8713.18 | 3006.35 | 152.22 | 52.52 | 204.74 | 2.19 | 171.54 | 38.09 | 6.29 | 0.89 | 520.56 | 59.7 | 460.86 | 66.59 |
| 545 | 5-0845 | 50845 | 6 | 9/30/94 | 9028.79 | 3115.21 | 12144 | 692.10 | 43.29 | 8809.22 | 3039.45 | 129.13 | 44.55 | 173.68 | 0.95 | 255.86 | 39.61 | 3.96 | 0.86 | 436.24 | 49.37 | 386.87 | 55.90 |
| 546 | 5-1060 | 51060 | 6 | 9/30/94 | 9028.79 | 3115.21 | 12144 | 692.10 | 43.29 | 8801.19 | 3036.66 | 129.26 | 44.6 | 173.86 | 1.04 | 240.65 | 39.53 | 4.09 | 0.82 | 451.45 | 49.51 | 401.94 | 58.08 |
| 547 | 1-0944 | 10944 | 7 | 9/30/94 | 8579 | 0 | 8579 | 692.00 | 0 | 5876.98 | 2360.52 | 125.44 | 50.38 | 175.82 | 1.77 | 184.04 | 34.83 | 6.55 | 0.98 | 507.96 | 57.91 | 450.05 | 65.04 |
| 548 | 1-1181 | 11181 | 7 | 9/30/94 | 8679 | 0 | 8679 | 692.00 | 0 | 6011.49 | 2374.61 | 117.69 | 46.49 | 164.18 | 1.22 | 221.11 | 35.67 | 5.13 | 0.88 | 470.89 | 52.5 | 418.39 | 60.46 |
| 549 | 1-1394 | 11394 | 7 | 9/30/94 | 8579 | 0 | 8579 | 692.00 | 0 | 5983.71 | 2403.4 | 90.63 | 36.4 | 127.03 | 0.44 | 307.68 | 37.3 | 2.82 | 0.8 | 384.32 | 40.02 | 344.3 | 49.75 |
| 550 | 1-1934 | 11934 | 7 | 9/30/94 | 8679 | 0 | 8679 | 692.00 | 0 | 5967.16 | 2357.08 | 128.9 | 50.92 | 179.82 | 1.91 | 178.72 | 34.69 | 6.7 | 0.96 | 513.28 | 58.58 | 454.7 | 65.71 |
| 551 | 1-1955 | 11955 | 7 | 9/30/94 | 8579 | 0 | 8579 | 692.00 | 0 | 5915.73 | 2376.08 | 115.19 | 46.27 | 161.46 | 1.18 | 221.76 | 35.72 | 5.14 | 0.91 | 470.24 | 52.32 | 417.92 | 60.39 |
| 552 | 1-1962 | 11962 | 7 | 9/30/94 | 8679 | 0 | 8679 | 692.00 | 0 | 5967.16 | 2357.08 | 128.9 | 50.92 | 179.82 | 1.91 | 178.72 | 34.69 | 6.7 | 0.96 | 513.28 | 58.58 | 454.7 | 65.71 |
| 553 | 1-2947 | 12947 | 7 | 9/30/94 | 8579 | 0 | 8579 | 692.00 | 0 | 5884.34 | 2363.48 | 122.14 | 49.06 | 171.2 | 1.65 | 184.79 | 35.09 | 6.19 | 0.92 | 507.21 | 56.17 | 451.04 | 65.18 |
| 554 | 1-2954 | 12954 | 7 | 9/30/94 | 8579 | 0 | 8579 | 692.00 | 0 | 5926.42 | 2380.38 | 111.52 | 44.79 | 156.31 | 1.04 | 231.03 | 36.02 | 4.7 | 0.86 | 460.97 | 50.35 | 410.62 | 59.34 |
| 555 | 1-4003 | 14003 | 7 | 9/30/94 | 8670 | 0 | 8670 | 692.00 | 0 | 5964.34 | 2360.76 | 127.3 | 50.39 | 177.69 | 1.8 | 184.06 | 34.83 | 6.55 | 0.98 | 507.94 | 57.92 | 450.02 | 65.03 |
| 556 | 1-4196 | 14196 | 7 | 9/30/94 | 8679 | 0 | 8679 | 692.00 | 0 | 6090.22 | 2405.71 | 89.28 | 35.27 | 124.55 | 0.39 | 321.51 | 37.45 | 2.59 | 0.81 | 370.49 | 38.67 | 331.82 | 47.95 |
| 557 | 1-4364 | 14364 | 7 | 9/30/94 | 8579 | 0 | 8579 | 692.00 | 0 | 5870.31 | 2357.8 | 126.81 | 50.93 | 177.74 | 1.88 | 178.78 | 34.7 | 6.7 | 0.96 | 513.22 | 58.59 | 454.63 | 65.70 |
| 558 | 1-4465 | 14465 | 7 | 9/30/94 | 8670 | 0 | 8670 | 692.00 | 0 | 6003.68 | 2376.32 | 116.9 | 46.27 | 163.17 | 1.2 | 221.79 | 35.73 | 5.14 | 0.91 | 470.21 | 52.32 | 417.89 | 60.39 |
| 559 | 1-4467 | 14467 | 7 | 9/30/94 | 8670 | 0 | 8670 | 692.00 | 0 | 6001.84 | 2375.57 | 117.5 | 46.51 | 164.01 | 1.22 | 221.2 | 35.69 | 5.14 | 0.89 | 470.8 | 52.54 | 418.26 | 60.44 |
| 560 | 1-4473 | 14473 | 7 | 9/30/94 | 8679 | 0 | 8679 | 692.00 | 0 | 5973.57 | 2359.66 | 127.21 | 50.25 | 177.46 | 1.82 | 178.87 | 34.87 | 6.57 | 0.96 | 513.13 | 57.78 | 455.35 | 65.80 |
| 561 | 1-4522 | 14522 | 7 | 9/30/94 | 8670 | 0 | 8670 | 692.00 | 0 | 5964.34 | 2360.76 | 127.3 | 50.39 | 177.69 | 1.8 | 184.06 | 34.83 | 6.55 | 0.98 | 507.94 | 57.92 | 450.02 | 65.03 |
| 562 | 1-4541 | 14541 | 7 | 9/30/94 | 8579 | 0 | 8579 | 692.00 | 0 | 5984.88 | 2403.82 | 90.36 | 36.3 | 126.66 | 0.43 | 311.59 | 37.32 | 2.75 | 0.79 | 380.41 | 39.84 | 340.57 | 49.22 |
| 563 | 1-5361 | 15361 | 7 | 9/30/94 | 8670 | 0 | 8670 | 692.00 | 0 | 6008.96 | 2378.43 | 115.62 | 45.76 | 161.38 | 1.13 | 225.92 | 35.87 | 4.97 | 0.9 | 466.08 | 51.63 | 414.45 | 59.89 |
| 564 | 1-5383 | 15383 | 7 | 9/30/94 | 8670 | 0 | 8670 | 692.00 | 0 | 6072.66 | 2403.64 | 91.98 | 36.41 | 128.39 | 0.45 | 307.72 | 37.3 | 2.82 | 0.8 | 384.28 | 40.03 | 344.25 | 49.75 |
| 565 | 1-5429 | 15429 | 7 | 9/30/94 | 8670 | 0 | 8670 | 692.00 | 0 | 6003.68 | 2376.32 | 116.9 | 46.27 | 163.17 | 1.2 | 221.79 | 35.73 | 5.14 | 0.91 | 470.21 | 52.32 | 417.89 | 60.39 |
| 566 | 1-5772 | 15772 | 7 | 9/30/94 | 8670 | 0 | 8670 | 692.00 | 0 | 6083.82 | 2408.04 | 87.08 | 34.47 | 121.55 | 0.36 | 325.11 | 37.56 | 2.46 | 0.78 | 366.89 | 37.71 | 329.18 | 47.57 |
| 567 | 1-5839 | 15839 | 7 | 9/30/94 | 8679 | 0 | 8679 | 692.00 | 0 | 6011.49 | 2374.61 | 117.69 | 46.49 | 164.18 | 1.22 | 221.11 | 35.67 | 5.13 | 0.88 | 470.89 | 52.5 | 418.39 | 60.46 |
| 568 | 1-5859 | 15859 | 7 | 9/30/94 | 8670 | 0 | 8670 | 692.00 | 0 | 6073.85 | 2404.07 | 91.71 | 36.3 | 128.01 | 0.43 | 311.62 | 37.33 | 2.75 | 0.79 | 380.38 | 39.84 | 340.54 | 49.21 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 569 | 1-5900 | 15900 | 7 | 9/30/94 | 8679 | 0 | 8679 | 692.00 | 0 | 6083.61 | 2403.09 | 91.86 | 36.29 | 128.15 | 0.43 | 311.5 | 37.31 | 2.75 | 0.79 | 380.5 | 39.83 | 340.67 | 49.23 |
| 570 | 1-6063 | 16063 | 7 | 9/30/94 | 8670 | 0 | 8670 | 692.00 | 0 | 6072.66 | 2403.64 | 91.98 | 36.41 | 128.39 | 0.45 | 307.72 | 37.3 | 2.82 | 0.8 | 384.28 | 40.03 | 344.25 | 49.75 |
| 571 | 5-0273 | 50273 | 5 | 9/30/94 | 8845.56 | 3098.44 | 11944 | 688.38 | 43.05 | 8497.18 | 2976.37 | 168.86 | 59.15 | 228.01 | 2.69 | 171.42 | 36.85 | 7.69 | 1.1 | 516.96 | 67.94 | 449.02 | 65.23 |
| 572 | 4-0855 | 40855 | 6 | 9/30/94 | 8046.75 | 3094.25 | 11141 | 687.45 | 43 | 7828.69 | 3010.35 | 135.79 | 52.22 | 188.01 | 0.99 | 285.18 | 38.47 | 4.76 | 1.23 | 402.27 | 58.21 | 344.06 | 50.05 |
| 573 | 1-0420 | 10420 | 3 | 3/31/86 | 9707.95 | 3090.05 | 12798 | 686.52 | 42.94 | 9415.7 | 2997.03 | 172.25 | 54.83 | 227.08 | 1.6 | 255.98 | 37.94 | 5.45 | 1.11 | 430.54 | 61.39 | 369.15 | 53.77 |
| 574 | 1-2920 | 12920 | 3 | 3/31/86 | 9707.95 | 3090.05 | 12798 | 686.52 | 42.94 | 9383.99 | 2986.94 | 184.12 | 58.61 | 242.73 | 2.05 | 238.73 | 37.37 | 6.34 | 1.2 | 447.79 | 66.15 | 381.64 | 55.59 |
| 575 | 1-2677 | 12677 | 5 | 9/30/94 | 8239.33 | 3081.67 | 11321 | 684.65 | 42.82 | 7809.33 | 2920.85 | 185.94 | 69.54 | 255.48 | 4.5 | 129.49 | 34.68 | 10.77 | 1.37 | 555.16 | 81.68 | 473.48 | 69.16 |
| 576 | 1-0617 | 10617 | 6 | 9/30/94 | 8239.33 | 3081.67 | 11321 | 684.65 | 42.82 | 7866.47 | 2942.24 | 180.91 | 67.66 | 248.57 | 3.27 | 169.82 | 35.57 | 9.17 | 1.3 | 514.83 | 78.13 | 436.7 | 63.78 |
| 577 | 5-5341 | 55341 | 7 | 9/30/94 | 9549 | 0 | 9549 | 680.00 | 0 | 6929.63 | 2344.37 | 118.36 | 40.04 | 158.4 | 1.02 | 227.13 | 35.84 | 4.13 | 0.76 | 452.87 | 44.93 | 407.94 | 59.99 |
| 578 | 5-4502 | 54502 | 7 | 9/30/94 | 9524 | 0 | 9524 | 679.00 | 0 | 6862.95 | 2326.3 | 129.88 | 44.02 | 173.9 | 1.63 | 181.69 | 34.97 | 5.46 | 0.81 | 497.31 | 50.29 | 447.02 | 65.84 |
| 579 | 5-5302 | 55302 | 7 | 9/30/94 | 9534 | 0 | 9534 | 679.00 | 0 | 6900.77 | 2337.29 | 122.8 | 41.59 | 164.39 | 1.22 | 210.31 | 35.55 | 4.54 | 0.75 | 468.69 | 46.88 | 421.81 | 62.12 |
| 580 | 1-1458 | 11458 | 3 | 3/31/86 | 9861.68 | 3052.32 | 12914 | 678.13 | 42.41 | 9686.56 | 2998.12 | 124.74 | 38.61 | 163.35 | 0.45 | 366.32 | 39.43 | 2.52 | 1.05 | 311.81 | 42.18 | 269.63 | 39.76 |
| 581 | 1-0366 | 10366 | 4 | 9/30/94 | 8282.68 | 3052.32 | 11335 | 678.13 | 42.41 | 7943.11 | 2927.17 | 177.41 | 65.38 | 242.79 | 2.63 | 197.07 | 35.73 | 8.24 | 1.34 | 481.06 | 74.96 | 406.1 | 59.89 |
| 582 | 1-0085 | 10085 | 5 | 9/30/94 | 8282.68 | 3052.32 | 11335 | 678.13 | 42.41 | 8032.93 | 2960.26 | 145.66 | 53.68 | 199.34 | 1.33 | 247.83 | 37.52 | 5.45 | 1.16 | 430.3 | 60.29 | 370.01 | 54.56 |
| 583 | 1-0185 | 10185 | 5 | 9/30/94 | 8282.68 | 3052.32 | 11335 | 678.13 | 42.41 | 8035.39 | 2961.18 | 145.37 | 53.57 | 198.94 | 1.29 | 251.54 | 37.55 | 5.39 | 1.18 | 426.59 | 60.14 | 366.45 | 54.04 |
| 584 | 1-0432 | 10432 | 5 | 9/30/94 | 8282.68 | 3052.32 | 11335 | 678.13 | 42.41 | 8035.39 | 2961.18 | 145.37 | 53.57 | 198.94 | 1.29 | 251.54 | 37.55 | 5.39 | 1.18 | 426.59 | 60.14 | 366.45 | 54.04 |
| 585 | 1-1102 | 11102 | 5 | 9/30/94 | 8282.68 | 3052.32 | 11335 | 678.13 | 42.41 | 8017.1 | 2954.44 | 149.24 | 55 | 204.24 | 1.57 | 227.43 | 37.27 | 5.97 | 1.19 | 450.7 | 62.16 | 388.54 | 57.30 |
| 586 | 1-1370 | 11370 | 5 | 9/30/94 | 8282.68 | 3052.32 | 11335 | 678.13 | 42.41 | 8029.43 | 2959 | 147.17 | 54.24 | 201.41 | 1.37 | 244.13 | 37.45 | 5.6 | 1.19 | 434 | 61.03 | 372.97 | 55.00 |
| 587 | 1-1537 | 11537 | 5 | 9/30/94 | 8282.68 | 3052.32 | 11335 | 678.13 | 42.41 | 8029.43 | 2959 | 147.17 | 54.24 | 201.41 | 1.37 | 244.13 | 37.45 | 5.6 | 1.19 | 434 | 61.03 | 372.97 | 55.00 |
| 588 | 1-2476 | 12476 | 5 | 9/30/94 | 8282.68 | 3052.32 | 11335 | 678.13 | 42.41 | 8017.1 | 2954.44 | 149.24 | 55 | 204.24 | 1.57 | 227.43 | 37.27 | 5.97 | 1.19 | 450.7 | 62.16 | 388.54 | 57.30 |
| 589 | 5-0748 | 50748 | 5 | 9/30/94 | 9112.68 | 3052.32 | 12165 | 678.13 | 42.41 | 8776.39 | 2939.68 | 155.58 | 52.11 | 207.69 | 2.48 | 150.46 | 37.11 | 6.62 | 0.89 | 527.67 | 59.62 | 468.05 | 69.02 |
| 590 | 5-0869 | 50869 | 6 | 9/30/94 | 9112.68 | 3052.32 | 12165 | 678.13 | 42.41 | 8778.29 | 2940.31 | 159.38 | 53.39 | 212.77 | 2.44 | 159.19 | 37.05 | 6.69 | 0.93 | 518.94 | 61.01 | 457.93 | 67.53 |
| 591 | 5-4130 | 54130 | 7 | 9/30/94 | 9496 | 0 | 9496 | 678.00 | 0 | 6948.3 | 2358.4 | 94.84 | 32.19 | 127.03 | 0.41 | 307.27 | 36.93 | 2.35 | 0.68 | 370.73 | 35.22 | 335.51 | 49.49 |
| 592 | 5-5377 | 55377 | 7 | 9/30/94 | 9505 | 0 | 9505 | 678.00 | 0 | 6827 | 2315.94 | 134.27 | 45.55 | 179.82 | 1.97 | 163.47 | 34.56 | 6.02 | 0.82 | 514.53 | 52.39 | 462.14 | 68.16 |
| 593 | 5-5274 | 55274 | 7 | 9/30/94 | 9510 | 0 | 9510 | 677.00 | 0 | 6972.37 | 2360.08 | 91.09 | 30.83 | 121.92 | 0.35 | 319.56 | 37.06 | 2.14 | 0.68 | 357.44 | 33.65 | 323.79 | 47.83 |
| 594 | 1-1117 | 11117 | 3 | 3/31/86 | 9659.45 | 3035.55 | 12695 | 674.41 | 42.18 | 9376.66 | 2946.68 | 172.12 | 54.09 | 226.21 | 1.5 | 269.82 | 37.22 | 5.29 | 1.23 | 404.59 | 60.61 | 343.98 | 51.00 |
| 595 | 1-2400 | 12400 | 3 | 3/31/86 | 9659.45 | 3035.55 | 12695 | 674.41 | 42.18 | 9368.9 | 2944.24 | 174.14 | 54.72 | 228.86 | 1.62 | 260.65 | 37.11 | 5.54 | 1.24 | 413.76 | 61.5 | 352.26 | 52.23 |
| 596 | 1-2455 | 12455 | 3 | 3/31/86 | 9659.45 | 3035.55 | 12695 | 674.41 | 42.18 | 9376.66 | 2946.68 | 172.12 | 54.09 | 226.21 | 1.5 | 269.82 | 37.22 | 5.29 | 1.23 | 404.59 | 60.61 | 343.98 | 51.00 |
| 597 | 4-1994 | 41994 | 3 | 3/31/86 | 9955.64 | 3031.36 | 12987 | 673.47 | 42.12 | 9766.74 | 2973.84 | 132.81 | 40.44 | 173.25 | 0.54 | 355.44 | 38.9 | 2.8 | 1.11 | 318.03 | 44.35 | 273.68 | 40.64 |
| 598 | 5-0788 | 50788 | 4 | 9/30/94 | 9506.84 | 3027.16 | 12534 | 672.54 | 42.06 | 9158.58 | 2916.24 | 163.15 | 51.95 | 215.1 | 2.58 | 153.27 | 36.77 | 6.61 | 0.92 | 519.27 | 59.48 | 459.79 | 68.37 |
| 599 | 1-0287 | 10287 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7976.4 | 2877.31 | 191.16 | 68.96 | 260.12 | 4.05 | 145.48 | 34.33 | 10.16 | 1.36 | 527.06 | 80.48 | 446.58 | 66.40 |
| 600 | 1-0509 | 10509 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7976.4 | 2877.31 | 191.16 | 68.96 | 260.12 | 4.05 | 145.48 | 34.33 | 10.16 | 1.36 | 527.06 | 80.48 | 446.58 | 66.40 |
| 601 | 1-0540 | 10540 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7953.87 | 2869.19 | 189.38 | 68.31 | 257.69 | 4.59 | 127.2 | 34.07 | 10.58 | 1.34 | 545.34 | 80.23 | 465.11 | 69.16 |
| 602 | 1-0662 | 10662 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7980.87 | 2878.93 | 186.32 | 67.21 | 253.53 | 3.94 | 143.9 | 34.46 | 9.79 | 1.29 | 528.64 | 78.29 | 450.35 | 66.96 |
| 603 | 1-0950 | 10950 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7971.93 | 2875.71 | 190.13 | 68.59 | 258.72 | 4.14 | 140.65 | 34.3 | 10.22 | 1.33 | 531.89 | 80.14 | 451.75 | 67.17 |
| 604 | 1-1188 | 11188 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7972.18 | 2875.77 | 186.73 | 67.36 | 254.09 | 4.11 | 137.87 | 34.33 | 10.03 | 1.28 | 534.67 | 78.67 | 456 | 67.80 |
| 605 | 1-2378 | 12378 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7972.18 | 2875.77 | 186.73 | 67.36 | 254.09 | 4.11 | 137.87 | 34.33 | 10.03 | 1.28 | 534.67 | 78.67 | 456 | 67.80 |
| 606 | 1-2503 | 12503 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7969.72 | 2874.88 | 188.57 | 68.02 | 256.59 | 4.16 | 137.58 | 34.27 | 10.16 | 1.31 | 534.96 | 79.49 | 455.47 | 67.72 |
| 607 | 1-2564 | 12564 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7980.87 | 2878.93 | 186.32 | 67.21 | 253.53 | 3.94 | 143.9 | 34.46 | 9.79 | 1.29 | 528.64 | 78.29 | 450.35 | 66.96 |
| 608 | 1-2595 | 12595 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7969.72 | 2874.88 | 188.57 | 68.02 | 256.59 | 4.16 | 137.58 | 34.27 | 10.16 | 1.31 | 534.96 | 79.49 | 455.47 | 67.72 |
| 609 | 1-2686 | 12686 | 5 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7971.93 | 2875.71 | 190.13 | 68.59 | 258.72 | 4.14 | 140.65 | 34.3 | 10.22 | 1.33 | 531.89 | 80.14 | 451.75 | 67.17 |
| 610 | 1-0046 | 10046 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7990.5 | 2882.4 | 182.87 | 65.97 | 248.84 | 3.75 | 148.64 | 34.66 | 9.38 | 1.23 | 523.9 | 76.58 | 447.32 | 66.51 |
| 611 | 1-0125 | 10125 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7976.85 | 2877.49 | 186.86 | 67.41 | 254.27 | 4.02 | 141.87 | 34.41 | 9.88 | 1.28 | 530.67 | 78.57 | 452.1 | 67.22 |
| 612 | 1-0331 | 10331 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7994.69 | 2883.88 | 180.99 | 65.29 | 246.28 | 3.72 | 146.85 | 34.76 | 9.31 | 1.22 | 525.69 | 75.82 | 449.87 | 66.89 |
| 613 | 1-0355 | 10355 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7994.69 | 2883.88 | 180.99 | 65.29 | 246.28 | 3.72 | 146.85 | 34.76 | 9.31 | 1.22 | 525.69 | 75.82 | 449.87 | 66.89 |
| 614 | 1-0403 | 10403 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7967.64 | 2874.16 | 187.6 | 67.67 | 255.27 | 4.25 | 134.37 | 34.3 | 10.16 | 1.31 | 538.17 | 79.14 | 459.03 | 68.25 |
| 615 | 1-0465 | 10465 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 8010.69 | 2889.66 | 184.98 | 66.73 | 251.71 | 3.38 | 163.9 | 34.93 | 9.14 | 1.31 | 508.64 | 77.18 | 431.46 | 64.15 |
| 616 | 1-0520 | 10520 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7990.5 | 2882.4 | 182.87 | 65.97 | 248.84 | 3.75 | 148.64 | 34.66 | 9.38 | 1.23 | 523.9 | 76.58 | 447.32 | 66.51 |
| 617 | 1-0933 | 10933 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 8012.07 | 2890.2 | 184.25 | 66.47 | 250.72 | 3.33 | 166.82 | 34.94 | 9.01 | 1.28 | 505.72 | 76.76 | 428.96 | 63.78 |
| 618 | 1-1034 | 11034 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 8010.69 | 2889.66 | 184.98 | 66.73 | 251.71 | 3.38 | 163.9 | 34.93 | 9.14 | 1.31 | 508.64 | 77.18 | 431.46 | 64.15 |
| 619 | 1-1327 | 11327 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7976.85 | 2877.49 | 186.86 | 67.41 | 254.27 | 4.02 | 141.87 | 34.41 | 9.88 | 1.28 | 530.67 | 78.57 | 452.1 | 67.22 |
| 620 | 1-2418 | 12418 | 6 | 9/30/94 | 8391.84 | 3027.16 | 11419 | 672.54 | 42.06 | 7967.64 | 2874.16 | 187.6 | 67.67 | 255.27 | 4.25 | 134.37 | 34.3 | 10.16 | 1.31 | 538.17 | 79.14 | 459.03 | 68.25 |
| 621 | 1-0152 | 10152 | 3 | 3/31/86 | 9982.42 | 3014.58 | 12997 | 669.75 | 41.89 | 9793 | 2957.38 | 133.17 | 40.21 | 173.38 | 0.54 | 353.48 | 38.68 | 2.79 | 1.1 | 316.27 | 44.1 | 272.17 | 40.64 |
| 622 | 1-0556 | 10556 | 3 | 3/31/86 | 9982.42 | 3014.58 | 12997 | 669.75 | 41.89 | 9788.17 | 2955.92 | 134.88 | 40.73 | 175.61 | 0.58 | 343.97 | 38.63 | 2.92 | 1.1 | 325.78 | 44.75 | 281.03 | 41.96 |
| 623 | 1-0661 | 10661 | 3 | 3/31/86 | 9982.42 | 3014.58 | 12997 | 669.75 | 41.89 | 9788.17 | 2955.92 | 134.88 | 40.73 | 175.61 | 0.58 | 343.97 | 38.63 | 2.92 | 1.1 | 325.78 | 44.75 | 281.03 | 41.96 |
| 624 | 1-1692 | 11692 | 3 | 3/31/86 | 9982.42 | 3014.58 | 12997 | 669.75 | 41.89 | 9788.17 | 2955.92 | 134.88 | 40.73 | 175.61 | 0.58 | 343.97 | 38.63 | 2.92 | 1.1 | 325.78 | 44.75 | 281.03 | 41.96 |
| 625 | 1-2715 | 12715 | 3 | 3/31/86 | 9982.42 | 3014.58 | 12997 | 669.75 | 41.89 | 9790.48 | 2956.62 | 132.03 | 39.87 | 171.9 | 0.57 | 340.37 | 38.72 | 2.8 | 1.02 | 329.38 | 43.69 | 285.69 | 42.66 |
| 626 | 4-0765 | 40765 | 3 | 3/31/86 | 9982.42 | 3014.58 | 12997 | 669.75 | 41.89 | 9793 | 2957.38 | 133.17 | 40.21 | 173.38 | 0.54 | 353.48 | 38.68 | 2.79 | 1.1 | 316.27 | 44.1 | 272.17 | 40.64 |
| 627 | 5-5334 | 55334 | 7 | 9/30/94 | 10167 | 0 | 10167 | 668.00 | 0 | 7531.49 | 2292.21 | 131.25 | 39.95 | 171.2 | 1.71 | 160.74 | 34.82 | 4.98 | 0.67 | 507.26 | 45.6 | 461.66 | 69.11 |
| 628 | 5-5335 | 55335 | 7 | 9/30/94 | 10038 | 0 | 10038 | 668.00 | 0 | 7459.68 | 2308.7 | 116.77 | 36.14 | 152.91 | 0.98 | 215.7 | 35.64 | 3.58 | 0.61 | 452.3 | 40.33 | 411.97 | 61.67 |
| 629 | 5-5381 | 55381 | 7 | 9/30/94 | 10038 | 0 | 10038 | 668.00 | 0 | 7534.08 | 2331.75 | 90.05 | 27.87 | 117.92 | 0.32 | 313.97 | 36.86 | 1.83 | 0.56 | 354.03 | 30.26 | 323.77 | 48.47 |
| 630 | 5-5678 | 55678 | 7 | 9/30/94 | 10038 | 0 | 10038 | 668.00 | 0 | 7411.57 | 2293.82 | 128.15 | 39.66 | 167.81 | 1.61 | 167.12 | 34.89 | 4.79 | 0.66 | 500.88 | 45.11 | 455.77 | 68.23 |
| 631 | 5-5783 | 55783 | 7 | 9/30/94 | 10038 | 0 | 10038 | 668.00 | 0 | 7453.86 | 2306.94 | 118.33 | 36.62 | 154.95 | 1.05 | 209.12 | 35.53 | 3.76 | 0.62 | 458.88 | 41 | 417.88 | 62.56 |
| 632 | 5-5817 | 55817 | 7 | 9/30/94 | 10038 | 0 | 10038 | 668.00 | 0 | 7409.22 | 2293.15 | 128.78 | 39.86 | 168.64 | 1.64 | 165.97 | 34.82 | 4.9 | 0.67 | 502.03 | 45.43 | 456.6 | 68.35 |
| 633 | 5-6090 | 56090 | 7 | 9/30/94 | 10038 | 0 | 10038 | 668.00 | 0 | 7527.99 | 2329.89 | 92.53 | 28.64 | 121.17 | 0.36 | 303.44 | 36.75 | 1.98 | 0.58 | 364.56 | 31.2 | 333.36 | 49.90 |
| 634 | 2-0527 | 20527 | 7 | 9/30/94 | 6544 | 0 | 6544 | 667.00 | 0 | 4061.41 | 2304.58 | 71.14 | 40.37 | 111.51 | 0.55 | 280.45 | 34.66 | 4.15 | 1.16 | 386.55 | 45.68 | 340.87 | 51.10 |
| 635 | 2-2076 | 22076 | 7 | 9/30/94 | 6544 | 0 | 6544 | 667.00 | 0 | 4008.55 | 2274.61 | 84.63 | 48.02 | 132.65 | 1.35 | 188.23 | 33.08 | 6.67 | 1.04 | 478.77 | 55.73 | 423.04 | 63.42 |
| 636 | 2-2356 | 22356 | 7 | 9/30/94 | 6544 | 0 | 6544 | 667.00 | 0 | 4014.99 | 2278.26 | 85.19 | 48.34 | 133.53 | 1.23 | 205.25 | 33.12 | 6.57 | 1.15 | 461.75 | 56.06 | 405.69 | 60.82 |
| 637 | 2-5715 | 25715 | 7 | 9/30/94 | 6544 | 0 | 6544 | 667.00 | 0 | 4013.26 | 2277.3 | 83.54 | 47.4 | 130.94 | 1.27 | 194 | 33.22 | 6.49 | 1.04 | 473 | 54.93 | 418.07 | 62.68 |
| 638 | 2-5746 | 25746 | 7 | 9/30/94 | 6544 | 0 | 6544 | 667.00 | 0 | 4019.5 | 2280.82 | 83.96 | 47.65 | 131.61 | 1.15 | 210.89 | 33.26 | 6.36 | 1.15 | 456.11 | 55.16 | 400.95 | 60.11 |
| 639 | 2-5790 | 25790 | 7 | 9/30/94 | 6544 | 0 | 6544 | 667.00 | 0 | 4061.65 | 2304.72 | 70.95 | 40.26 | 111.21 | 0.54 | 279.78 | 34.66 | 4.17 | 1.17 | 387.22 | 45.6 | 341.62 | 51.22 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 640 | 2-5722 | 25722 | 8 | 9/30/94 | 6429.78 | 0 | 6429.78 | 666.71 | 42.04 | 3764.81 | 2462.94 | 73.59 | 48.15 | 121.74 | 0.75 | 277.97 | 36.57 | 5.36 | 1.27 | 388.74 | 54.78 | 333.96 | 50.09 |
| 641 | 2-4094 | 24094 | 8 | 9/30/94 | 6445.08 | 0 | 6445.08 | 666.15 | 42.01 | 3778.18 | 2459.73 | 73.43 | 47.81 | 121.24 | 0.81 | 263.86 | 36.59 | 5.37 | 1.13 | 402.29 | 54.31 | 347.98 | 52.24 |
| 642 | 2-4129 | 24129 | 8 | 9/30/94 | 6445.08 | 0 | 6445.08 | 666.15 | 42.01 | 3822.17 | 2488.36 | 57.34 | 37.33 | 94.67 | 0.27 | 368.72 | 38.17 | 2.98 | 1.29 | 297.43 | 41.6 | 255.83 | 38.40 |
| 643 | 2-0859 | 20859 | 8 | 9/30/94 | 6412.77 | 0 | 6412.77 | 665.93 | 41.99 | 3783.34 | 2480.54 | 60.89 | 39.92 | 100.81 | 0.36 | 343.94 | 37.77 | 3.5 | 1.3 | 321.99 | 44.72 | 277.27 | 41.64 |
| 644 | 2-2267 | 22267 | 8 | 9/30/94 | 6412.77 | 0 | 6412.77 | 665.93 | 41.99 | 3764.84 | 2468.42 | 68.9 | 45.17 | 114.07 | 0.57 | 307.28 | 37.05 | 4.52 | 1.29 | 358.65 | 50.98 | 307.67 | 46.20 |
| 645 | 5-0376 | 50376 | 4 | 9/30/94 | 9639.57 | 2989.43 | 12629 | 664.16 | 41.54 | 9388.33 | 2911.53 | 140.4 | 43.54 | 183.94 | 1.22 | 220.56 | 37.79 | 4.23 | 0.82 | 443.6 | 48.59 | 395.01 | 59.48 |
| 646 | 5-0818 | 50818 | 4 | 9/30/94 | 9639.57 | 2989.43 | 12629 | 664.16 | 41.54 | 9404.92 | 2916.66 | 135.78 | 42.11 | 177.89 | 1.04 | 237.5 | 38.03 | 3.82 | 0.81 | 426.66 | 46.74 | 379.92 | 57.20 |
| 647 | 5-1244 | 51244 | 4 | 9/30/94 | 9639.57 | 2989.43 | 12629 | 664.16 | 41.54 | 9416.94 | 2920.37 | 131.58 | 40.81 | 172.39 | 0.92 | 250.77 | 38.2 | 3.5 | 0.78 | 413.39 | 45.09 | 368.3 | 55.45 |
| 648 | 5-5694 | 55694 | 7 | 9/30/94 | 10076 | 0 | 10076 | 663.00 | 0 | 7510.5 | 2291.5 | 118.44 | 36.14 | 154.58 | 1.02 | 208.11 | 35.37 | 3.67 | 0.61 | 454.89 | 40.42 | 414.47 | 62.51 |
| 649 | 5-5805 | 55805 | 7 | 9/30/94 | 10076 | 0 | 10076 | 663.00 | 0 | 7587.94 | 2315.13 | 90.76 | 27.69 | 118.45 | 0.32 | 309.02 | 36.6 | 1.85 | 0.57 | 353.98 | 30.11 | 323.87 | 48.85 |
| 650 | 5-0026 | 50026 | 3 | 3/31/86 | 10127.92 | 2960.08 | 13088 | 657.64 | 41.13 | 9876.61 | 2886.63 | 154.2 | 45.07 | 199.27 | 1.12 | 266.92 | 37.28 | 3.97 | 0.93 | 390.72 | 49.97 | 340.75 | 51.81 |
| 651 | 5-0723 | 50723 | 3 | 3/31/86 | 10127.92 | 2960.08 | 13088 | 657.64 | 41.13 | 9964.12 | 2912.2 | 116.38 | 34.01 | 150.39 | 0.39 | 354.07 | 38.62 | 2.08 | 0.86 | 303.57 | 36.95 | 266.62 | 40.54 |
| 652 | 5-0805 | 50805 | 3 | 3/31/86 | 10127.92 | 2960.08 | 13088 | 657.64 | 41.13 | 9950.48 | 2908.22 | 122.67 | 35.85 | 158.52 | 0.48 | 335.92 | 38.41 | 2.38 | 0.88 | 321.72 | 39.11 | 282.61 | 42.97 |
| 653 | 5-2275 | 52275 | 3 | 3/31/86 | 10127.92 | 2960.08 | 13088 | 657.64 | 41.13 | 9854.31 | 2880.11 | 161.31 | 47.15 | 208.46 | 1.38 | 245.77 | 36.95 | 4.52 | 0.95 | 411.87 | 52.62 | 359.25 | 54.63 |
| 654 | 5-4097 | 54097 | 7 | 9/30/94 | 10608 | 0 | 10608 | 657.00 | 0 | 8065.39 | 2276.39 | 116.66 | 32.93 | 149.59 | 0.94 | 206.12 | 35.42 | 3.2 | 0.53 | 450.88 | 36.66 | 414.22 | 63.05 |
| 655 | 5-4542 | 54542 | 7 | 9/30/94 | 10608 | 0 | 10608 | 657.00 | 0 | 8140.06 | 2297.46 | 90.53 | 25.55 | 116.08 | 0.31 | 303.65 | 36.48 | 1.64 | 0.49 | 353.35 | 27.68 | 325.67 | 49.57 |
| 656 | 5-5241 | 55241 | 7 | 9/30/94 | 10619 | 0 | 10619 | 657.00 | 0 | 8071.34 | 2272.91 | 118.35 | 33.33 | 151.68 | 1 | 199.57 | 35.33 | 3.28 | 0.52 | 457.43 | 37.13 | 420.3 | 63.97 |
| 657 | 5-5273 | 55273 | 7 | 9/30/94 | 10665 | 0 | 10665 | 657.00 | 0 | 8202.62 | 2297.78 | 88.5 | 24.79 | 113.29 | 0.28 | 311.37 | 36.56 | 1.53 | 0.48 | 345.63 | 26.8 | 318.83 | 48.53 |
| 658 | 5-5371 | 55371 | 7 | 9/30/94 | 10608 | 0 | 10608 | 657.00 | 0 | 8018.63 | 2263.2 | 127.47 | 35.98 | 163.45 | 1.51 | 160.72 | 34.77 | 4.23 | 0.57 | 496.28 | 40.78 | 455.5 | 69.33 |
| 659 | 5-5803 | 55803 | 7 | 9/30/94 | 10608 | 0 | 10608 | 657.00 | 0 | 8138.09 | 2296.91 | 91.39 | 25.79 | 117.18 | 0.32 | 301.16 | 36.46 | 1.67 | 0.48 | 355.84 | 27.94 | 327.9 | 49.91 |
| 660 | 5-5855 | 55855 | 7 | 9/30/94 | 10608 | 0 | 10608 | 656.00 | 0 | 8013.81 | 2253.47 | 129.47 | 36.41 | 165.88 | 1.66 | 150.55 | 34.55 | 4.39 | 0.57 | 505.45 | 41.37 | 464.08 | 70.74 |
| 661 | 5-6056 | 56056 | 7 | 9/30/94 | 10641 | 0 | 10641 | 656.00 | 0 | 8061.4 | 2259.87 | 126.22 | 35.38 | 161.6 | 1.44 | 162.21 | 34.83 | 4.05 | 0.55 | 493.79 | 39.98 | 453.81 | 69.18 |
| 662 | 5-5247 | 55247 | 7 | 9/30/94 | 10696 | 0 | 10696 | 655.00 | 0 | 8166.87 | 2269.79 | 115.83 | 32.19 | 148.02 | 0.87 | 211.75 | 35.41 | 3.02 | 0.52 | 443.25 | 35.73 | 407.52 | 62.22 |
| 663 | 5-0722 | 50722 | 4 | 9/30/94 | 9343.08 | 2934.92 | 12278 | 652.05 | 40.78 | 8994.05 | 2825.3 | 159.47 | 50.1 | 209.57 | 2.61 | 142 | 35.7 | 6.27 | 0.8 | 510.05 | 57.17 | 452.88 | 69.45 |
| 664 | 5-0784 | 50784 | 6 | 9/30/94 | 9524.04 | 2913.96 | 12438 | 647.39 | 40.49 | 9313.03 | 2849.39 | 122.56 | 37.5 | 160.06 | 0.83 | 231.94 | 37.62 | 3.08 | 0.64 | 415.45 | 41.22 | 374.23 | 57.81 |
| 665 | 5-0906 | 50906 | 6 | 9/30/94 | 9391.04 | 2913.96 | 12305 | 647.39 | 40.49 | 9043.06 | 2805.99 | 160.2 | 49.71 | 209.91 | 2.58 | 142.28 | 35.41 | 6.33 | 0.83 | 505.11 | 56.87 | 448.24 | 69.24 |
| 666 | 5-2240 | 52240 | 6 | 9/30/94 | 9391.04 | 2913.96 | 12305 | 647.39 | 40.49 | 9021.86 | 2799.43 | 163.29 | 50.67 | 213.96 | 2.95 | 130.01 | 35.1 | 6.84 | 0.86 | 517.38 | 58.37 | 459.01 | 70.90 |
| 667 | 5-0972 | 50972 | 4 | 9/30/94 | 9534.23 | 2909.77 | 12444 | 646.46 | 40.43 | 9195.81 | 2806.49 | 151.5 | 46.24 | 197.74 | 2.44 | 132 | 35.86 | 5.75 | 0.72 | 514.46 | 52.71 | 461.75 | 71.43 |
| 668 | 5-0539 | 50539 | 5 | 9/30/94 | 9534.23 | 2909.77 | 12444 | 646.46 | 40.43 | 9212.65 | 2811.65 | 149.25 | 45.55 | 194.8 | 2.18 | 143.9 | 36.06 | 5.39 | 0.7 | 502.56 | 51.64 | 450.92 | 69.75 |
| 669 | 5-0726 | 50726 | 5 | 9/30/94 | 9534.23 | 2909.77 | 12444 | 646.46 | 40.43 | 9318.15 | 2843.83 | 124.25 | 37.92 | 162.17 | 0.88 | 228.46 | 37.47 | 3.19 | 0.65 | 418 | 41.76 | 376.24 | 58.20 |
| 670 | 5-0917 | 50917 | 5 | 9/30/94 | 9534.23 | 2909.77 | 12444 | 646.46 | 40.43 | 9320.92 | 2844.67 | 124.01 | 37.85 | 161.86 | 0.85 | 231.82 | 37.5 | 3.15 | 0.66 | 414.64 | 41.66 | 372.98 | 57.70 |
| 671 | 5-2484 | 52484 | 5 | 9/30/94 | 9534.23 | 2909.77 | 12444 | 646.46 | 40.43 | 9214.03 | 2812.04 | 149.84 | 45.73 | 195.57 | 2.16 | 144.21 | 36.08 | 5.4 | 0.71 | 502.25 | 51.84 | 450.41 | 69.67 |
| 672 | 5-0076 | 50076 | 6 | 9/30/94 | 9534.23 | 2909.77 | 12444 | 646.46 | 40.43 | 9191.55 | 2805.19 | 151.71 | 46.3 | 198.01 | 2.5 | 128.4 | 35.81 | 5.83 | 0.72 | 518.06 | 52.85 | 465.21 | 71.96 |
| 673 | 5-0105 | 50105 | 6 | 9/30/94 | 9534.23 | 2909.77 | 12444 | 646.46 | 40.43 | 9302.36 | 2838.98 | 128 | 39.06 | 167.06 | 1.05 | 208.79 | 37.29 | 3.53 | 0.65 | 437.67 | 43.24 | 394.43 | 61.01 |
| 674 | 5-0626 | 50626 | 6 | 9/30/94 | 9534.23 | 2909.77 | 12444 | 646.46 | 40.43 | 9301.28 | 2838.67 | 128.45 | 39.2 | 167.65 | 1.05 | 208.06 | 37.28 | 3.55 | 0.64 | 438.4 | 43.39 | 395.01 | 61.10 |
| 675 | 5-2083 | 52083 | 6 | 9/30/94 | 9534.23 | 2909.77 | 12444 | 646.46 | 40.43 | 9192.11 | 2805.37 | 151.79 | 46.33 | 198.12 | 2.48 | 128.66 | 35.83 | 5.8 | 0.72 | 517.8 | 52.85 | 464.95 | 71.92 |
| 676 | 1-1703 | 11703 | 4 | 9/30/94 | 7213.43 | 2905.57 | 10119 | 645.53 | 40.37 | 6884.08 | 2772.91 | 150.39 | 60.58 | 210.97 | 2.85 | 142.12 | 33.97 | 8.04 | 1.03 | 503.41 | 69.65 | 433.76 | 67.19 |
| 677 | 5-0514 | 50514 | 4 | 9/30/94 | 9367.43 | 2905.57 | 12273 | 645.53 | 40.37 | 8996.06 | 2790.38 | 163.68 | 50.77 | 214.45 | 2.97 | 127.58 | 35.06 | 6.72 | 0.83 | 517.95 | 58.32 | 459.63 | 71.20 |
| 678 | 5-1778 | 51778 | 5 | 9/30/94 | 9898.43 | 2905.57 | 12804 | 645.53 | 40.37 | 9681.01 | 2841.75 | 127.58 | 37.45 | 165.03 | 0.85 | 233.41 | 37.51 | 3.12 | 0.67 | 412.12 | 41.24 | 370.88 | 57.45 |
| 679 | 5-0979 | 50979 | 6 | 9/30/94 | 9424.43 | 2905.57 | 12330 | 645.53 | 40.37 | 9174.3 | 2828.45 | 137.55 | 42.41 | 179.96 | 1.24 | 208.4 | 36.71 | 4.13 | 0.76 | 437.13 | 47.3 | 389.83 | 60.39 |
| 680 | 1-0040 | 10040 | 4 | 9/30/94 | 7217.62 | 2901.38 | 10119 | 644.60 | 40.32 | 6888.08 | 2768.91 | 150.48 | 60.49 | 210.97 | 2.85 | 141.92 | 33.92 | 8.03 | 1.03 | 502.68 | 69.55 | 433.13 | 67.19 |
| 681 | 1-0955 | 10955 | 4 | 9/30/94 | 7217.62 | 2901.38 | 10119 | 644.60 | 40.32 | 6917.43 | 2780.72 | 143.96 | 57.87 | 201.83 | 2.33 | 159.36 | 34.5 | 7.07 | 0.96 | 485.24 | 65.9 | 419.34 | 65.05 |
| 682 | 1-1441 | 11441 | 4 | 9/30/94 | 7217.62 | 2901.38 | 10119 | 644.60 | 40.32 | 6926.44 | 2784.33 | 142.4 | 57.24 | 199.64 | 2.18 | 162.89 | 34.71 | 6.86 | 0.95 | 481.71 | 65.05 | 416.66 | 64.64 |
| 683 | 1-1548 | 11548 | 4 | 9/30/94 | 7217.62 | 2901.38 | 10119 | 644.60 | 40.32 | 6884.74 | 2767.57 | 150.42 | 60.47 | 210.89 | 2.94 | 137.46 | 33.86 | 8.2 | 1.04 | 507.14 | 69.71 | 437.43 | 67.86 |
| 684 | 1-1644 | 11644 | 4 | 9/30/94 | 7217.62 | 2901.38 | 10119 | 644.60 | 40.32 | 6884.74 | 2767.57 | 150.42 | 60.47 | 210.89 | 2.94 | 137.46 | 33.86 | 8.2 | 1.04 | 507.14 | 69.71 | 437.43 | 67.86 |
| 685 | 1-1713 | 11713 | 4 | 9/30/94 | 7217.62 | 2901.38 | 10119 | 644.60 | 40.32 | 6888.08 | 2768.91 | 150.48 | 60.49 | 210.97 | 2.85 | 141.92 | 33.92 | 8.03 | 1.03 | 502.68 | 69.55 | 433.13 | 67.19 |
| 686 | 1-1885 | 11885 | 4 | 9/30/94 | 7217.62 | 2901.38 | 10119 | 644.60 | 40.32 | 6884.74 | 2767.57 | 150.42 | 60.47 | 210.89 | 2.94 | 137.46 | 33.86 | 8.2 | 1.04 | 507.14 | 69.71 | 437.43 | 67.86 |
| 687 | 5-1598 | 51598 | 4 | 9/30/94 | 9363.62 | 2901.38 | 12265 | 644.60 | 40.32 | 8967.86 | 2778.76 | 167.26 | 51.83 | 219.09 | 3.39 | 114.67 | 34.64 | 7.32 | 0.87 | 529.93 | 60.02 | 469.91 | 72.90 |
| 688 | 5-0334 | 50334 | 5 | 9/30/94 | 9664.2 | 2888.8 | 12553 | 641.80 | 40.14 | 9344.68 | 2793.29 | 151.91 | 45.41 | 197.32 | 2.11 | 145.75 | 35.88 | 5.35 | 0.73 | 496.05 | 51.49 | 444.56 | 69.27 |
| 689 | 5-0853 | 50853 | 6 | 9/30/94 | 9664.2 | 2888.8 | 12553 | 641.80 | 40.14 | 9345.72 | 2793.61 | 150.16 | 44.89 | 195.05 | 2.1 | 146.21 | 35.92 | 5.21 | 0.69 | 495.59 | 50.79 | 444.8 | 69.31 |
| 690 | 5-2506 | 52506 | 4 | 9/30/94 | 9822.39 | 2884.61 | 12707 | 640.87 | 40.08 | 9474.61 | 2782.48 | 155.76 | 45.74 | 201.5 | 2.5 | 130.28 | 35.54 | 5.73 | 0.73 | 510.59 | 52.2 | 458.39 | 71.53 |
| 691 | 1-0083 | 10083 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7435.85 | 2735.55 | 169.95 | 62.52 | 232.47 | 3.92 | 120.07 | 32.82 | 9.54 | 1.2 | 519.87 | 73.26 | 446.61 | 69.79 |
| 692 | 1-0289 | 10289 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7389.9 | 2718.68 | 170 | 62.54 | 232.54 | 4.85 | 95.81 | 32.24 | 10.19 | 1.14 | 544.13 | 73.87 | 470.26 | 73.49 |
| 693 | 1-0421 | 10421 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7432.87 | 2734.47 | 171.9 | 63.24 | 235.14 | 3.95 | 121.49 | 32.72 | 9.67 | 1.21 | 518.45 | 74.12 | 444.33 | 69.43 |
| 694 | 1-0473 | 10473 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7435.85 | 2735.55 | 169.95 | 62.52 | 232.47 | 3.92 | 120.07 | 32.82 | 9.54 | 1.2 | 519.87 | 73.26 | 446.61 | 69.79 |
| 695 | 1-0555 | 10555 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7443.26 | 2738.28 | 166.1 | 61.11 | 227.21 | 3.75 | 122.31 | 32.97 | 9.18 | 1.13 | 517.63 | 71.42 | 446.21 | 69.73 |
| 696 | 1-1067 | 11067 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7432.87 | 2734.47 | 171.9 | 63.24 | 235.14 | 3.95 | 121.49 | 32.72 | 9.67 | 1.21 | 518.45 | 74.12 | 444.33 | 69.43 |
| 697 | 1-1252 | 11252 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7377.11 | 2713.96 | 174.67 | 64.26 | 238.93 | 5.17 | 92.2 | 32 | 10.69 | 1.22 | 547.74 | 76.17 | 471.57 | 73.69 |
| 698 | 1-1310 | 11310 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7377.11 | 2713.96 | 174.67 | 64.26 | 238.93 | 5.17 | 92.2 | 32 | 10.69 | 1.22 | 547.74 | 76.17 | 471.57 | 73.69 |
| 699 | 1-2131 | 12131 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7443.26 | 2738.28 | 166.1 | 61.11 | 227.21 | 3.75 | 122.31 | 32.97 | 9.18 | 1.13 | 517.63 | 71.42 | 446.21 | 69.73 |
| 700 | 1-2374 | 12374 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7392.21 | 2719.51 | 175.12 | 64.42 | 239.54 | 4.79 | 101.39 | 32.19 | 10.39 | 1.19 | 538.55 | 76 | 462.55 | 72.28 |
| 701 | 1-2537 | 12537 | 4 | 9/30/94 | 7829.58 | 2880.42 | 10710 | 639.94 | 40.02 | 7392.21 | 2719.51 | 175.12 | 64.42 | 239.54 | 4.79 | 101.39 | 32.19 | 10.39 | 1.19 | 538.55 | 76 | 462.55 | 72.28 |
| 702 | 5-2195 | 52195 | 4 | 9/30/94 | 9787.58 | 2880.42 | 12668 | 639.94 | 40.02 | 9474.33 | 2788.25 | 151.54 | 44.6 | 196.14 | 2 | 152 | 35.91 | 5.12 | 0.71 | 487.94 | 50.43 | 437.51 | 68.37 |
| 703 | 1-0522 | 10522 | 5 | 9/30/94 | 7007.58 | 2880.42 | 9888 | 639.94 | 40.02 | 6692.02 | 2750.71 | 145.92 | 59.98 | 205.9 | 2.67 | 144.28 | 33.79 | 7.78 | 0.99 | 495.66 | 68.75 | 426.91 | 66.71 |
| 704 | 1-0656 | 10656 | 5 | 9/30/94 | 7007.58 | 2880.42 | 9888 | 639.94 | 40.02 | 6709.06 | 2757.72 | 141.55 | 58.18 | 199.73 | 2.38 | 149.65 | 34.18 | 7.31 | 0.97 | 490.29 | 66.46 | 423.83 | 66.23 |
| 705 | 1-0832 | 10832 | 5 | 9/30/94 | 7007.58 | 2880.42 | 9888 | 639.94 | 40.02 | 6692.02 | 2750.71 | 145.92 | 59.98 | 205.9 | 2.67 | 144.28 | 33.79 | 7.78 | 0.99 | 495.66 | 68.75 | 426.91 | 66.71 |
| 706 | 1-0220 | 10220 | 6 | 9/30/94 | 7007.58 | 2880.42 | 9888 | 639.94 | 40.02 | 6681.17 | 2746.22 | 146.72 | 60.31 | 207.03 | 2.87 | 136.01 | 33.61 | 8.04 | 0.99 | 503.93 | 69.34 | 434.59 | 67.91 |
| 707 | 1-1783 | 11783 | 6 | 9/30/94 | 7007.58 | 2880.42 | 9888 | 639.94 | 40.02 | 6713.49 | 2759.53 | 140.34 | 57.69 | 198.03 | 2.29 | 154.89 | 34.29 | 7.01 | 0.92 | 485.05 | 65.62 | 419.43 | 65.54 |
| 708 | 1-0144 | 10144 | 6 | 9/30/94 | 7941.16 | 2867.84 | 10809 | 637.15 | 39.85 | 7681.87 | 2774.22 | 139.86 | 50.51 | 190.37 | 1.55 | 198.25 | 35.13 | 5.51 | 0.98 | 438.9 | 57 | 381.9 | 59.94 |
| 709 | 1-2511 | 12511 | 4 | 9/30/94 | 7907.35 | 2863.65 | 10771 | 636.21 | 39.79 | 7463.31 | 2702.85 | 171.69 | 62.18 | 233.87 | 4.9 | 95.25 | 32.05 | 10.13 | 1.13 | 540.96 | 73.44 | 467.52 | 73.49 |
| 710 | 1-2782 | 12782 | 4 | 9/30/94 | 7077.55 | 2859.45 | 9937 | 635.28 | 39.73 | 6836.04 | 2761.9 | 130.29 | 52.64 | 182.93 | 1.44 | 201.56 | 35.03 | 5.32 | 0.86 | 433.72 | 58.82 | 374.9 | 59.01 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 711 | 5-2089 | 52089 | 1 | 2/1/79 | 9470.74 | 2855.26 | 12326 | 634.35 | 39.68 | 9393.5 | 2831.97 | 65.5 | 19.75 | 85.25 | 0.07 | 465.73 | 38.49 | 0.61 | 0.61 | 168.62 | 20.97 | 147.65 | 23.28 |
| 712 | 1-0418 | 10418 | 5 | 9/30/94 | 7069.74 | 2855.26 | 9925 | 634.35 | 39.68 | 6748.67 | 2725.6 | 148.23 | 59.87 | 208.1 | 2.75 | 140.85 | 33.43 | 7.89 | 1.01 | 493.5 | 68.77 | 424.73 | 66.96 |
| 713 | 1-1942 | 11942 | 5 | 9/30/94 | 7072.74 | 2855.26 | 9928 | 634.35 | 39.68 | 6751.54 | 2725.6 | 148.29 | 59.87 | 208.16 | 2.75 | 140.85 | 33.43 | 7.89 | 1.01 | 493.5 | 68.77 | 424.73 | 66.96 |
| 714 | 5-0258 | 50258 | 5 | 9/30/94 | 9470.74 | 2855.26 | 12326 | 634.35 | 39.68 | 9097.62 | 2742.78 | 163.52 | 49.3 | 212.82 | 2.95 | 123.55 | 34.51 | 6.53 | 0.79 | 510.8 | 56.62 | 454.18 | 71.60 |
| 715 | 5-1179 | 51179 | 5 | 9/30/94 | 9470.74 | 2855.26 | 12326 | 634.35 | 39.68 | 9094.01 | 2741.66 | 167.69 | 50.56 | 218.25 | 3.02 | 126.58 | 34.37 | 6.73 | 0.83 | 507.77 | 58.12 | 449.65 | 70.88 |
| 716 | 5-2269 | 52269 | 5 | 9/30/94 | 9470.74 | 2855.26 | 12326 | 634.35 | 39.68 | 9116.42 | 2748.44 | 161.79 | 48.78 | 210.57 | 2.64 | 137.53 | 34.73 | 6.1 | 0.77 | 496.82 | 55.65 | 441.17 | 69.55 |
| 717 | 1-0934 | 10934 | 6 | 9/30/94 | 7072.74 | 2855.26 | 9928 | 634.35 | 39.68 | 6746.91 | 2723.73 | 148.03 | 59.76 | 207.79 | 2.84 | 137.22 | 33.35 | 7.98 | 0.99 | 497.13 | 68.73 | 428.4 | 67.53 |
| 718 | 1-1827 | 11827 | 6 | 9/30/94 | 7072.74 | 2855.26 | 9928 | 634.35 | 39.68 | 6746.91 | 2723.73 | 148.03 | 59.76 | 207.79 | 2.84 | 137.22 | 33.35 | 7.98 | 0.99 | 497.13 | 68.73 | 428.4 | 67.53 |
| 719 | 1-2639 | 12639 | 6 | 9/30/94 | 7072.74 | 2855.26 | 9928 | 634.35 | 39.68 | 6746.91 | 2723.73 | 148.03 | 59.76 | 207.79 | 2.84 | 137.22 | 33.35 | 7.98 | 0.99 | 497.13 | 68.73 | 428.4 | 67.53 |
| 720 | 5-0978 | 50978 | 6 | 9/30/94 | 9470.74 | 2855.26 | 12326 | 634.35 | 39.68 | 9074.72 | 2735.88 | 166.95 | 50.33 | 217.28 | 3.37 | 114.4 | 34.17 | 7 | 0.82 | 519.95 | 58.15 | 461.8 | 72.80 |
| 721 | 5-1160 | 51160 | 6 | 9/30/94 | 9470.74 | 2855.26 | 12326 | 634.35 | 39.68 | 9097.65 | 2742.76 | 168.46 | 50.79 | 219.25 | 2.95 | 131.26 | 34.41 | 6.64 | 0.83 | 503.09 | 58.26 | 444.83 | 70.12 |
| 722 | 1-0936 | 10936 | 6 | 9/30/94 | 7053.93 | 2851.07 | 9905 | 633.42 | 39.62 | 6725.36 | 2718.23 | 147.69 | 59.7 | 207.39 | 2.88 | 134.62 | 33.27 | 7.96 | 0.98 | 498.8 | 68.64 | 430.16 | 67.91 |
| 723 | 1-0445 | 10445 | 5 | 9/30/94 | 7060.13 | 2846.87 | 9907 | 632.49 | 39.56 | 6739.49 | 2717.6 | 148.03 | 59.69 | 207.72 | 2.75 | 140.43 | 33.33 | 7.87 | 1.01 | 492.06 | 68.57 | 423.49 | 66.96 |
| 724 | 1-0483 | 10483 | 5 | 9/30/94 | 7060.13 | 2846.87 | 9907 | 632.49 | 39.56 | 6747.26 | 2720.72 | 143.14 | 57.72 | 200.86 | 2.6 | 138.84 | 33.56 | 7.51 | 0.94 | 493.65 | 66.17 | 427.48 | 67.59 |
| 725 | 1-1765 | 11765 | 5 | 9/30/94 | 7861.13 | 2846.87 | 10708 | 632.49 | 39.56 | 7467.49 | 2704.3 | 168.63 | 61.07 | 229.7 | 3.86 | 118.25 | 32.51 | 9.26 | 1.14 | 514.24 | 71.47 | 442.77 | 70.00 |
| 726 | 1-2029 | 12029 | 5 | 9/30/94 | 7060.13 | 2846.87 | 9907 | 632.49 | 39.56 | 6742.19 | 2718.67 | 147.02 | 59.28 | 206.3 | 2.69 | 142.6 | 33.4 | 7.69 | 0.98 | 489.89 | 67.95 | 421.94 | 66.71 |
| 727 | 1-0866 | 10866 | 6 | 9/30/94 | 7861.13 | 2846.87 | 10708 | 632.49 | 39.56 | 7607.13 | 2754.86 | 140.69 | 50.95 | 191.64 | 1.48 | 205.2 | 34.86 | 5.5 | 1.04 | 427.29 | 57.49 | 369.8 | 58.47 |
| 728 | 1-1139 | 11139 | 6 | 9/30/94 | 7861.13 | 2846.87 | 10708 | 632.49 | 39.56 | 7419.64 | 2687.02 | 176.23 | 63.82 | 240.05 | 4.84 | 98.93 | 31.79 | 10.34 | 1.19 | 533.56 | 75.35 | 458.21 | 72.45 |
| 729 | 1-1263 | 11263 | 6 | 9/30/94 | 7861.13 | 2846.87 | 10708 | 632.49 | 39.56 | 7607.13 | 2754.86 | 140.69 | 50.95 | 191.64 | 1.48 | 205.2 | 34.86 | 5.5 | 1.04 | 427.29 | 57.49 | 369.8 | 58.47 |
| 730 | 1-1736 | 11736 | 6 | 9/30/94 | 7861.13 | 2846.87 | 10708 | 632.49 | 39.56 | 7604.45 | 2753.94 | 138.45 | 50.14 | 188.59 | 1.53 | 196.8 | 34.87 | 5.47 | 0.97 | 435.69 | 56.58 | 379.11 | 59.94 |
| 731 | 1-2448 | 12448 | 6 | 9/30/94 | 7060.13 | 2846.87 | 9907 | 632.49 | 39.56 | 6753.46 | 2723.22 | 144.41 | 58.23 | 202.64 | 2.49 | 146.87 | 33.67 | 7.32 | 0.94 | 485.62 | 66.49 | 419.13 | 66.27 |
| 732 | 1-2500 | 12500 | 6 | 9/30/94 | 7861.13 | 2846.87 | 10708 | 632.49 | 39.56 | 7597.8 | 2751.5 | 142.32 | 51.54 | 193.86 | 1.61 | 196.19 | 34.71 | 5.72 | 1.02 | 436.3 | 58.28 | 378.02 | 59.77 |
| 733 | 1-1089 | 11089 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7492.6 | 2727.18 | 140.35 | 51.09 | 191.44 | 1.59 | 194.46 | 34.4 | 5.67 | 1.01 | 432.44 | 57.77 | 374.67 | 59.77 |
| 734 | 1-1100 | 11100 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7364.19 | 2680.46 | 169.32 | 61.63 | 230.95 | 3.79 | 121.51 | 32.15 | 9.3 | 1.16 | 505.39 | 72.09 | 433.3 | 69.12 |
| 735 | 1-1174 | 11174 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7371.22 | 2683.03 | 169.36 | 61.65 | 231.01 | 3.64 | 125.36 | 32.27 | 9.17 | 1.17 | 501.54 | 71.99 | 429.55 | 68.52 |
| 736 | 1-1214 | 11214 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7316.91 | 2663.27 | 173.79 | 63.26 | 237.05 | 4.77 | 98.06 | 31.5 | 10.25 | 1.18 | 528.84 | 74.69 | 454.15 | 72.44 |
| 737 | 1-1710 | 11710 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7308.59 | 2660.23 | 169.37 | 61.65 | 231.02 | 4.96 | 89.86 | 31.48 | 10.18 | 1.13 | 537.04 | 72.96 | 464.08 | 74.03 |
| 738 | 1-1763 | 11763 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7323.1 | 2665.49 | 172.52 | 62.79 | 235.31 | 4.64 | 100.73 | 31.6 | 10.05 | 1.15 | 526.17 | 73.99 | 452.18 | 72.13 |
| 739 | 1-1769 | 11769 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7371.22 | 2683.03 | 169.36 | 61.65 | 231.01 | 3.64 | 125.36 | 32.27 | 9.17 | 1.17 | 501.54 | 71.99 | 429.55 | 68.52 |
| 740 | 1-1907 | 11907 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7367.51 | 2681.67 | 165.26 | 60.15 | 225.41 | 3.74 | 118.32 | 32.29 | 9.07 | 1.11 | 508.58 | 70.33 | 438.25 | 69.91 |
| 741 | 1-2363 | 12363 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7308.59 | 2660.23 | 169.37 | 61.65 | 231.02 | 4.96 | 89.86 | 31.48 | 10.18 | 1.13 | 537.04 | 72.96 | 464.08 | 74.03 |
| 742 | 1-2533 | 12533 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7367.51 | 2681.67 | 165.26 | 60.15 | 225.41 | 3.74 | 118.32 | 32.29 | 9.07 | 1.11 | 508.58 | 70.33 | 438.25 | 69.91 |
| 743 | 1-2812 | 12812 | 6 | 9/30/94 | 7752.28 | 2821.72 | 10574 | 626.90 | 39.21 | 7364.19 | 2680.46 | 169.32 | 61.63 | 230.95 | 3.79 | 121.51 | 32.15 | 9.3 | 1.16 | 505.39 | 72.09 | 433.3 | 69.12 |
| 744 | 1-0924 | 10924 | 4 | 9/30/94 | 7377.47 | 2817.53 | 10195 | 625.97 | 39.15 | 7098.72 | 2711.05 | 142.76 | 54.52 | 197.28 | 1.92 | 175.26 | 34.02 | 6.13 | 0.9 | 450.71 | 61.55 | 389.16 | 62.17 |
| 745 | 1-1019 | 11019 | 4 | 9/30/94 | 7377.47 | 2817.53 | 10195 | 625.97 | 39.15 | 7099.14 | 2711.2 | 142.78 | 54.53 | 197.31 | 1.91 | 177.18 | 34 | 6.1 | 0.9 | 448.79 | 61.53 | 387.26 | 61.87 |
| 746 | 1-2395 | 12395 | 4 | 9/30/94 | 7377.47 | 2817.53 | 10195 | 625.97 | 39.15 | 7137.38 | 2725.85 | 132.56 | 50.63 | 183.19 | 1.36 | 205.23 | 34.73 | 4.99 | 0.84 | 420.74 | 56.46 | 364.28 | 58.19 |
| 747 | 1-2784 | 12784 | 4 | 9/30/94 | 7377.47 | 2817.53 | 10195 | 625.97 | 39.15 | 7099.14 | 2711.2 | 142.78 | 54.53 | 197.31 | 1.91 | 177.18 | 34 | 6.1 | 0.9 | 448.79 | 61.53 | 387.26 | 61.87 |
| 748 | 1-2009 | 12009 | 4 | 9/30/94 | 7314.86 | 2809.14 | 10124 | 624.10 | 39.03 | 7038.88 | 2703.13 | 141.57 | 54.37 | 195.94 | 1.89 | 176.65 | 33.89 | 6.08 | 0.9 | 447.45 | 61.35 | 386.1 | 61.87 |
| 749 | 1-0218 | 10218 | 5 | 9/30/94 | 7717.86 | 2809.14 | 10527 | 624.10 | 39.03 | 7339.21 | 2671.31 | 162.9 | 59.29 | 222.19 | 3.64 | 118.88 | 32.25 | 8.84 | 1.09 | 505.22 | 69.22 | 436 | 69.86 |
| 750 | 1-1879 | 11879 | 5 | 9/30/94 | 7717.86 | 2809.14 | 10527 | 624.10 | 39.03 | 7339.21 | 2671.31 | 162.9 | 59.29 | 222.19 | 3.64 | 118.88 | 32.25 | 8.84 | 1.09 | 505.22 | 69.22 | 436 | 69.86 |
| 751 | 1-2635 | 12635 | 5 | 9/30/94 | 7717.86 | 2809.14 | 10527 | 624.10 | 39.03 | 7338.72 | 2671.13 | 168.28 | 61.25 | 229.53 | 3.65 | 124.61 | 32.14 | 9.09 | 1.17 | 499.49 | 71.51 | 427.98 | 68.58 |
| 752 | 113043 | 113043 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6403.34 | 2351.13 | 65.19 | 23.94 | 89.13 | 0.11 | 428.16 | 36.48 | 1.04 | 0.76 | 195.78 | 25.74 | 170.04 | 27.25 |
| 753 | 113044 | 113044 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6404.35 | 2351.55 | 64.36 | 23.63 | 87.99 | 0.1 | 430.15 | 36.49 | 1.02 | 0.75 | 193.79 | 25.4 | 168.39 | 26.99 |
| 754 | 113066 | 113066 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6434.7 | 2362.68 | 42.48 | 15.6 | 58.08 | 0.03 | 491.57 | 37.17 | 0.45 | 0.59 | 132.37 | 16.64 | 115.73 | 18.55 |
| 755 | 113105 | 113105 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6403.69 | 2351.29 | 65 | 23.87 | 88.87 | 0.1 | 432.15 | 36.47 | 1.03 | 0.78 | 191.79 | 25.68 | 166.11 | 26.62 |
| 756 | 113123 | 113123 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6410.88 | 2353.9 | 60.36 | 22.16 | 82.52 | 0.08 | 446.57 | 36.63 | 0.87 | 0.75 | 177.37 | 23.78 | 153.59 | 24.62 |
| 757 | 113125 | 113125 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6430.83 | 2361.25 | 45.55 | 16.73 | 62.28 | 0.03 | 485.24 | 37.07 | 0.51 | 0.63 | 138.7 | 17.87 | 120.83 | 19.37 |
| 758 | 113146 | 113146 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6386.08 | 2344.81 | 76.3 | 28.01 | 104.31 | 0.18 | 399.84 | 36.07 | 1.46 | 0.85 | 224.1 | 30.32 | 193.78 | 31.06 |
| 759 | 114093 | 114093 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6395.61 | 2348.33 | 70.21 | 25.78 | 95.99 | 0.13 | 415.72 | 36.29 | 1.22 | 0.81 | 208.22 | 27.81 | 180.41 | 28.91 |
| 760 | 114102 | 114102 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6429.85 | 2360.9 | 46.15 | 16.95 | 63.1 | 0.04 | 480.19 | 37.06 | 0.52 | 0.62 | 143.75 | 18.09 | 125.66 | 20.14 |
| 761 | 114106 | 114106 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6434.7 | 2362.68 | 42.48 | 15.6 | 58.08 | 0.03 | 491.57 | 37.17 | 0.45 | 0.59 | 132.37 | 16.64 | 115.73 | 18.55 |
| 762 | 114115 | 114115 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6410.76 | 2353.86 | 60.14 | 22.08 | 82.22 | 0.08 | 443.8 | 36.62 | 0.89 | 0.74 | 180.14 | 23.71 | 156.43 | 25.07 |
| 763 | 114124 | 114124 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6429.85 | 2360.9 | 46.15 | 16.95 | 63.1 | 0.04 | 480.19 | 37.06 | 0.52 | 0.62 | 143.75 | 18.09 | 125.66 | 20.14 |
| 764 | 114153 | 114153 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6404.35 | 2351.55 | 64.36 | 23.63 | 87.99 | 0.1 | 430.15 | 36.49 | 1.02 | 0.75 | 193.79 | 25.4 | 168.39 | 26.99 |
| 765 | 114174 | 114174 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6399.47 | 2349.75 | 68.07 | 24.99 | 93.06 | 0.12 | 425.78 | 36.36 | 1.13 | 0.82 | 198.16 | 26.94 | 171.22 | 27.44 |
| 766 | 114183 | 114183 | 9 | 9/30/94 | 6483.11 | 2380.45 | 8863.56 | 623.94 | 38.2 | 6403.08 | 2351.05 | 65.76 | 24.14 | 89.9 | 0.11 | 432.54 | 36.43 | 1.05 | 0.81 | 191.4 | 26 | 165.4 | 26.51 |
| 767 | 113034 | 113034 | 9 | 9/30/94 | 6476.12 | 2379.52 | 8855.64 | 623.69 | 38.19 | 6403.84 | 2352.95 | 60.08 | 22.07 | 82.15 | 0.08 | 443.63 | 36.61 | 0.89 | 0.74 | 180.06 | 23.7 | 156.36 | 25.07 |
| 768 | 1-0154 | 10154 | 5 | 9/30/94 | 7023.05 | 2804.95 | 9828 | 623.17 | 38.98 | 6762.71 | 2700.99 | 135.65 | 54.18 | 189.83 | 1.72 | 182.33 | 33.95 | 5.87 | 0.88 | 440.84 | 60.93 | 379.91 | 60.96 |
| 769 | 1-0687 | 10687 | 5 | 9/30/94 | 7023.05 | 2804.95 | 9828 | 623.17 | 38.98 | 6762.71 | 2700.99 | 135.65 | 54.18 | 189.83 | 1.72 | 182.33 | 33.95 | 5.87 | 0.88 | 440.84 | 60.93 | 379.91 | 60.96 |
| 770 | 1-1255 | 11255 | 5 | 9/30/94 | 7195.05 | 2804.95 | 10000 | 623.17 | 38.98 | 6928.34 | 2700.99 | 138.98 | 54.18 | 193.16 | 1.76 | 182.33 | 33.95 | 5.87 | 0.88 | 440.84 | 60.93 | 379.91 | 60.96 |
| 771 | 1-1384 | 11384 | 5 | 9/30/94 | 7023.05 | 2804.95 | 9828 | 623.17 | 38.98 | 6765.55 | 2702.12 | 132.65 | 52.98 | 185.63 | 1.69 | 177.86 | 34.07 | 5.77 | 0.84 | 445.31 | 59.59 | 385.72 | 61.90 |
| 772 | 1-2113 | 12113 | 5 | 9/30/94 | 7195.05 | 2804.95 | 10000 | 623.17 | 38.98 | 6944.17 | 2707.14 | 133.71 | 52.13 | 185.84 | 1.55 | 188.71 | 34.28 | 5.47 | 0.87 | 434.46 | 58.47 | 375.99 | 60.34 |
| 773 | 1-2717 | 12717 | 5 | 9/30/94 | 7719.05 | 2804.95 | 10524 | 623.17 | 38.98 | 7339.85 | 2667.15 | 168.31 | 61.16 | 229.47 | 3.65 | 124.43 | 32.09 | 9.08 | 1.17 | 498.74 | 71.41 | 427.33 | 68.57 |
| 774 | 1-1377 | 11377 | 6 | 9/30/94 | 7023.05 | 2804.95 | 9828 | 623.17 | 38.98 | 6695.91 | 2674.26 | 147.04 | 58.73 | 205.77 | 2.87 | 132.44 | 32.73 | 7.83 | 0.96 | 490.73 | 67.52 | 423.21 | 67.91 |
| 775 | 1-1478 | 11478 | 6 | 9/30/94 | 7195.05 | 2804.95 | 10000 | 623.17 | 38.98 | 6950.69 | 2709.68 | 132.08 | 51.49 | 183.57 | 1.45 | 196.75 | 34.42 | 5.17 | 0.82 | 426.42 | 57.48 | 368.94 | 59.20 |
| 776 | 1-2716 | 12716 | 6 | 9/30/94 | 7195.05 | 2804.95 | 10000 | 623.17 | 38.98 | 6942.86 | 2706.63 | 134.93 | 52.6 | 187.53 | 1.56 | 191.56 | 34.25 | 5.44 | 0.85 | 431.61 | 58.89 | 372.72 | 59.81 |
| 777 | 114171 | 114171 | 9 | 9/30/94 | 6459.11 | 2372.95 | 8832.06 | 621.98 | 38.08 | 6369.56 | 2340.05 | 71.6 | 26.3 | 97.9 | 0.14 | 410.21 | 36.12 | 1.27 | 0.82 | 211.77 | 28.39 | 183.38 | 29.48 |
| 778 | 113033 | 113033 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6345 | 2348.85 | 47.46 | 17.57 | 65.03 | 0.04 | 468.31 | 36.86 | 0.57 | 0.61 | 152.71 | 18.75 | 133.96 | 21.57 |
| 779 | 113064 | 113064 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6308.35 | 2335.3 | 72.78 | 26.94 | 99.72 | 0.16 | 402.56 | 36.01 | 1.35 | 0.81 | 218.46 | 29.1 | 189.36 | 30.49 |
| 780 | 113111 | 113111 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6305.04 | 2334.05 | 74.48 | 27.57 | 102.05 | 0.18 | 392.27 | 35.95 | 1.44 | 0.8 | 228.75 | 29.81 | 198.94 | 32.03 |
| 781 | 113122 | 113122 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6321.86 | 2340.31 | 64.17 | 23.76 | 87.93 | 0.1 | 430.13 | 36.3 | 1.03 | 0.77 | 190.89 | 25.56 | 165.33 | 26.62 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 782 | 113135 | 113135 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6303.29 | 2333.44 | 75.72 | 28.03 | 103.75 | 0.18 | 392.16 | 35.9 | 1.48 | 0.82 | 228.86 | 30.33 | 198.53 | 31.97 |
| 783 | 113173 | 113173 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6345.39 | 2348.97 | 47.31 | 17.52 | 64.83 | 0.04 | 471.35 | 36.85 | 0.56 | 0.62 | 149.67 | 18.7 | 130.97 | 21.09 |
| 784 | 113175 | 113175 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6308.35 | 2335.3 | 72.78 | 26.94 | 99.72 | 0.16 | 402.56 | 36.01 | 1.35 | 0.81 | 218.46 | 29.1 | 189.36 | 30.49 |
| 785 | 114031 | 114031 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6304.48 | 2333.86 | 75.32 | 27.88 | 103.2 | 0.18 | 397.98 | 35.9 | 1.45 | 0.84 | 223.04 | 30.17 | 192.87 | 31.06 |
| 786 | 114043 | 114043 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6345.39 | 2348.97 | 47.31 | 17.52 | 64.83 | 0.04 | 471.35 | 36.85 | 0.56 | 0.62 | 149.67 | 18.7 | 130.97 | 21.09 |
| 787 | 114056 | 114056 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6343.69 | 2348.38 | 48.48 | 17.95 | 66.43 | 0.04 | 467.61 | 36.82 | 0.59 | 0.63 | 153.41 | 19.17 | 134.24 | 21.62 |
| 788 | 114066 | 114066 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6303.29 | 2333.44 | 75.72 | 28.03 | 103.75 | 0.18 | 392.16 | 35.9 | 1.48 | 0.82 | 228.86 | 30.33 | 198.53 | 31.97 |
| 789 | 114156 | 114156 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6343.69 | 2348.38 | 48.48 | 17.95 | 66.43 | 0.04 | 467.61 | 36.82 | 0.59 | 0.63 | 153.41 | 19.17 | 134.24 | 21.62 |
| 790 | 114164 | 114164 | 9 | 9/30/94 | 6400.27 | 2369.33 | 8769.6 | 621.02 | 38.03 | 6345 | 2348.85 | 47.46 | 17.57 | 65.03 | 0.04 | 468.31 | 36.86 | 0.57 | 0.61 | 152.71 | 18.75 | 133.96 | 21.57 |
| 791 | 5-0274 | 50274 | 4 | 9/30/94 | 10369.63 | 2792.37 | 13162 | 620.38 | 38.8 | 10126.17 | 2726.8 | 136.35 | 36.72 | 173.07 | 1.06 | 205.55 | 35.89 | 3.25 | 0.61 | 414.83 | 40.58 | 374.25 | 60.33 |
| 792 | 5-1748 | 51748 | 4 | 9/30/94 | 10071.63 | 2792.37 | 12864 | 620.38 | 38.8 | 9857.59 | 2733.02 | 127.19 | 35.26 | 162.45 | 0.8 | 229.85 | 36.16 | 2.85 | 0.62 | 390.53 | 38.73 | 351.8 | 56.71 |
| 793 | 5-2103 | 52103 | 4 | 9/30/94 | 10369.63 | 2792.37 | 13162 | 620.38 | 38.8 | 10125.24 | 2726.55 | 136.7 | 36.81 | 173.51 | 1.07 | 204.83 | 35.88 | 3.28 | 0.62 | 415.55 | 40.71 | 374.84 | 60.42 |
| 794 | 1-0489 | 10489 | 5 | 9/30/94 | 7931.63 | 2792.37 | 10724 | 620.38 | 38.8 | 7480.78 | 2633.63 | 173.37 | 61.04 | 234.41 | 5.02 | 89.97 | 31.18 | 10.08 | 1.12 | 530.41 | 72.24 | 458.17 | 73.85 |
| 795 | 1-0752 | 10752 | 5 | 9/30/94 | 7931.63 | 2792.37 | 10724 | 620.38 | 38.8 | 7499.27 | 2640.18 | 176.24 | 62.05 | 238.29 | 4.64 | 101.75 | 31.38 | 9.86 | 1.16 | 518.63 | 73.07 | 445.56 | 71.82 |
| 796 | 1-1454 | 11454 | 5 | 9/30/94 | 7931.63 | 2792.37 | 10724 | 620.38 | 38.8 | 7484.41 | 2634.93 | 171.27 | 60.3 | 231.57 | 4.95 | 90.08 | 31.26 | 9.9 | 1.1 | 530.3 | 71.3 | 459 | 73.99 |
| 797 | 1-1789 | 11789 | 5 | 9/30/94 | 7931.63 | 2792.37 | 10724 | 620.38 | 38.8 | 7499.27 | 2640.18 | 176.24 | 62.05 | 238.29 | 4.64 | 101.75 | 31.38 | 9.86 | 1.16 | 518.63 | 73.07 | 445.56 | 71.82 |
| 798 | 1-2804 | 12804 | 5 | 9/30/94 | 7931.63 | 2792.37 | 10724 | 620.38 | 38.8 | 7484.41 | 2634.93 | 171.27 | 60.3 | 231.57 | 4.95 | 90.08 | 31.26 | 9.9 | 1.1 | 530.3 | 71.3 | 459 | 73.99 |
| 799 | 5-1176 | 51176 | 3 | 3/31/86 | 10524.82 | 2788.18 | 13313 | 619.45 | 38.74 | 10247.19 | 2714.63 | 156.49 | 41.46 | 197.95 | 1.41 | 208.02 | 35.17 | 3.99 | 0.73 | 411.43 | 46.18 | 365.25 | 58.96 |
| 800 | 5-2213 | 52213 | 3 | 3/31/86 | 10524.82 | 2788.18 | 13313 | 619.45 | 38.74 | 10342.9 | 2739.98 | 121.54 | 32.2 | 153.74 | 0.5 | 293.49 | 36.41 | 2.15 | 0.68 | 325.96 | 35.03 | 290.93 | 46.97 |
| 801 | 1-2297 | 12297 | 5 | 9/30/94 | 7928.82 | 2788.18 | 10717 | 619.45 | 38.74 | 7478.14 | 2629.67 | 173.31 | 60.94 | 234.25 | 5.02 | 89.84 | 31.13 | 10.06 | 1.12 | 529.61 | 72.12 | 457.49 | 73.85 |
| 802 | 1-0987 | 10987 | 6 | 9/30/94 | 7928.82 | 2788.18 | 10717 | 619.45 | 38.74 | 7489.86 | 2633.81 | 176.45 | 62.05 | 238.5 | 4.75 | 99.53 | 31.22 | 9.94 | 1.14 | 519.92 | 73.13 | 446.79 | 72.13 |
| 803 | 2-5380 | 25380 | 8 | 9/30/94 | 6543.17 | 0 | 6543.17 | 619.0 | 39.04 | 4062.31 | 2294.19 | 73.56 | 41.54 | 115.1 | 0.66 | 270.63 | 34.49 | 4.24 | 1.05 | 348.37 | 46.83 | 301.54 | 48.71 |
| 804 | 1-1619 | 11619 | 5 | 9/30/94 | 7119.02 | 2783.98 | 9903 | 618.52 | 38.68 | 6851.17 | 2679.26 | 138.49 | 54.16 | 192.65 | 1.81 | 176.2 | 33.63 | 6.01 | 0.89 | 442.32 | 61.06 | 381.26 | 61.64 |
| 805 | 1-1863 | 11863 | 5 | 9/30/94 | 7119.02 | 2783.98 | 9903 | 618.52 | 38.68 | 6851.17 | 2679.26 | 138.49 | 54.16 | 192.65 | 1.81 | 176.2 | 33.63 | 6.01 | 0.89 | 442.32 | 61.06 | 381.26 | 61.64 |
| 806 | 1-0060 | 10060 | 6 | 9/30/94 | 7119.02 | 2783.98 | 9903 | 618.52 | 38.68 | 6844.34 | 2676.6 | 139.07 | 54.39 | 193.46 | 1.91 | 170.75 | 33.53 | 6.1 | 0.86 | 447.77 | 61.35 | 386.42 | 62.47 |
| 807 | 1-0664 | 10664 | 6 | 9/30/94 | 7119.02 | 2783.98 | 9903 | 618.52 | 38.68 | 6849.89 | 2678.77 | 138.11 | 54.01 | 192.12 | 1.84 | 174.55 | 33.61 | 6.02 | 0.87 | 443.97 | 60.9 | 383.07 | 61.93 |
| 808 | 1-1007 | 11007 | 6 | 9/30/94 | 7119.02 | 2783.98 | 9903 | 618.52 | 38.68 | 6849.89 | 2678.77 | 138.11 | 54.01 | 192.12 | 1.84 | 174.55 | 33.61 | 6.02 | 0.87 | 443.97 | 60.9 | 383.07 | 61.93 |
| 809 | 1-1893 | 11893 | 6 | 9/30/94 | 7119.02 | 2783.98 | 9903 | 618.52 | 38.68 | 6844.34 | 2676.6 | 139.07 | 54.39 | 193.46 | 1.91 | 170.75 | 33.53 | 6.1 | 0.86 | 447.77 | 61.35 | 386.42 | 62.47 |
| 810 | 1-2340 | 12340 | 6 | 9/30/94 | 7119.02 | 2783.98 | 9903 | 618.52 | 38.68 | 6849.89 | 2678.77 | 138.11 | 54.01 | 192.12 | 1.84 | 174.55 | 33.61 | 6.02 | 0.87 | 443.97 | 60.9 | 383.07 | 61.93 |
| 811 | 114151 | 114151 | 9 | 9/30/94 | 6411.42 | 2358.18 | 8769.6 | 618.10 | 37.85 | 6324.89 | 2326.36 | 69.43 | 25.54 | 94.97 | 0.13 | 411.83 | 35.95 | 1.21 | 0.8 | 206.27 | 27.55 | 178.72 | 28.91 |
| 812 | 1-0201 | 10201 | 5 | 9/30/94 | 7607.59 | 2771.4 | 10378.99 | 615.72 | 38.51 | 7226.66 | 2632.61 | 163.19 | 59.45 | 222.64 | 3.74 | 115.12 | 31.65 | 9.02 | 1.11 | 500.6 | 69.58 | 431.02 | 70.00 |
| 813 | 114175 | 114175 | 9 | 9/30/94 | 6338.42 | 2348.38 | 8686.8 | 615.53 | 37.69 | 6256.65 | 2318.09 | 66.55 | 24.66 | 91.21 | 0.12 | 420.05 | 35.87 | 1.11 | 0.81 | 195.48 | 26.58 | 168.9 | 27.44 |
| 814 | 113024 | 113024 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6273.67 | 2326.72 | 47.23 | 17.52 | 64.75 | 0.04 | 466.52 | 36.5 | 0.56 | 0.62 | 148.67 | 18.7 | 129.97 | 21.13 |
| 815 | 113072 | 113072 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6278.45 | 2328.47 | 43.78 | 16.24 | 60.02 | 0.03 | 478.76 | 36.59 | 0.48 | 0.6 | 136.43 | 17.32 | 119.11 | 19.36 |
| 816 | 113083 | 113083 | 9 | 9/30/94 | 6516.5 | 2347.06 | 8863.56 | 615.19 | 37.67 | 6434.18 | 2317.4 | 66.69 | 24.02 | 90.71 | 0.12 | 416.57 | 35.92 | 1.08 | 0.75 | 198.62 | 25.85 | 172.77 | 28.08 |
| 817 | 113133 | 113133 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6255.34 | 2319.91 | 60.69 | 22.51 | 83.2 | 0.09 | 434.52 | 36.06 | 0.92 | 0.74 | 180.67 | 24.17 | 156.5 | 25.44 |
| 818 | 113144 | 113144 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6258.07 | 2320.89 | 58.92 | 21.85 | 80.77 | 0.08 | 440.31 | 36.11 | 0.86 | 0.74 | 174.88 | 23.45 | 151.43 | 24.62 |
| 819 | 113152 | 113152 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6276.96 | 2327.95 | 44.87 | 16.64 | 61.51 | 0.03 | 475.85 | 36.56 | 0.5 | 0.61 | 139.34 | 17.75 | 121.59 | 19.76 |
| 820 | 114026 | 114026 | 9 | 9/30/94 | 6516.5 | 2347.06 | 8863.56 | 615.19 | 37.67 | 6433.72 | 2317.24 | 66.85 | 24.08 | 90.93 | 0.12 | 413.46 | 35.93 | 1.08 | 0.73 | 201.73 | 25.89 | 175.84 | 28.58 |
| 821 | 114044 | 114044 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6240.84 | 2314.52 | 70.16 | 26.02 | 96.18 | 0.14 | 405.73 | 35.73 | 1.26 | 0.81 | 209.46 | 28.09 | 181.37 | 29.48 |
| 822 | 114051 | 114051 | 9 | 9/30/94 | 6516.5 | 2347.06 | 8863.56 | 615.19 | 37.67 | 6413.6 | 2309.98 | 79.47 | 28.62 | 108.09 | 0.21 | 379.52 | 35.48 | 1.57 | 0.82 | 235.67 | 31.01 | 204.66 | 33.27 |
| 823 | 114063 | 114063 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6248.18 | 2317.24 | 64.92 | 24.08 | 89 | 0.11 | 413.46 | 35.93 | 1.08 | 0.73 | 201.73 | 25.89 | 175.84 | 28.58 |
| 824 | 114065 | 114065 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6255.34 | 2319.91 | 60.69 | 22.51 | 83.2 | 0.09 | 434.52 | 36.06 | 0.92 | 0.74 | 180.67 | 24.17 | 156.5 | 25.44 |
| 825 | 114071 | 114071 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6276.96 | 2327.95 | 44.87 | 16.64 | 61.51 | 0.03 | 475.85 | 36.56 | 0.5 | 0.61 | 139.34 | 17.75 | 121.59 | 19.76 |
| 826 | 114074 | 114074 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6273.67 | 2326.72 | 47.23 | 17.52 | 64.75 | 0.04 | 466.52 | 36.5 | 0.56 | 0.62 | 148.67 | 18.7 | 129.97 | 21.13 |
| 827 | 114086 | 114086 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6278.45 | 2328.47 | 43.78 | 16.24 | 60.02 | 0.03 | 478.76 | 36.59 | 0.48 | 0.6 | 136.43 | 17.32 | 119.11 | 19.36 |
| 828 | 114104 | 114104 | 9 | 9/30/94 | 6516.5 | 2347.06 | 8863.56 | 615.19 | 37.67 | 6413.6 | 2309.98 | 79.47 | 28.62 | 108.09 | 0.21 | 379.52 | 35.48 | 1.57 | 0.82 | 235.67 | 31.01 | 204.66 | 33.27 |
| 829 | 114133 | 114133 | 9 | 9/30/94 | 6516.5 | 2347.06 | 8863.56 | 615.19 | 37.67 | 6430.72 | 2316.18 | 68.83 | 24.79 | 93.62 | 0.13 | 409.38 | 35.85 | 1.15 | 0.75 | 205.81 | 26.69 | 179.12 | 29.12 |
| 830 | 114141 | 114141 | 9 | 9/30/94 | 6328.58 | 2347.06 | 8675.64 | 615.19 | 37.67 | 6250.71 | 2318.16 | 63.64 | 23.6 | 87.24 | 0.1 | 422.15 | 35.96 | 1.02 | 0.75 | 193.04 | 25.37 | 167.67 | 27.25 |
| 831 | 114144 | 114144 | 9 | 9/30/94 | 6516.5 | 2347.06 | 8863.56 | 615.19 | 37.67 | 6436.05 | 2318.08 | 66.1 | 23.81 | 89.91 | 0.11 | 426.48 | 35.92 | 1.04 | 0.8 | 188.71 | 25.65 | 163.06 | 26.51 |
| 832 | 115076 | 115076 | 9 | 9/30/94 | 6516.5 | 2347.06 | 8863.56 | 615.19 | 37.67 | 6463.94 | 2328.14 | 45.79 | 16.49 | 62.28 | 0.03 | 478.44 | 36.55 | 0.5 | 0.62 | 136.75 | 17.61 | 119.14 | 19.37 |
| 833 | 115093 | 115093 | 9 | 9/30/94 | 6516.5 | 2347.06 | 8863.56 | 615.19 | 37.67 | 6430.72 | 2316.18 | 68.83 | 24.79 | 93.62 | 0.13 | 409.38 | 35.85 | 1.15 | 0.75 | 205.81 | 26.69 | 179.12 | 29.12 |
| 834 | 115106 | 115106 | 9 | 9/30/94 | 6516.5 | 2347.06 | 8863.56 | 615.19 | 37.67 | 6434.18 | 2317.4 | 66.69 | 24.02 | 90.71 | 0.12 | 416.57 | 35.92 | 1.08 | 0.75 | 198.62 | 25.85 | 172.77 | 28.08 |
| 835 | 115153 | 115153 | 9 | 9/30/94 | 6516.5 | 2347.06 | 8863.56 | 615.19 | 37.67 | 6419.54 | 2312.12 | 75.83 | 27.31 | 103.14 | 0.18 | 388.58 | 35.62 | 1.42 | 0.79 | 226.61 | 29.52 | 197.09 | 32.04 |
| 836 | 5-2104 | 52104 | 3 | 3/31/86 | 10246.79 | 2767.21 | 13014 | 614.79 | 38.45 | 9965.68 | 2691.3 | 163.57 | 44.17 | 207.74 | 1.43 | 222.46 | 34.6 | 4.19 | 0.81 | 392.33 | 49.17 | 343.16 | 55.82 |
| 837 | 5-4278 | 54278 | 3 | 3/31/86 | 10246.79 | 2767.21 | 13014 | 614.79 | 38.45 | 9942.94 | 2685.16 | 169.99 | 45.91 | 215.9 | 1.72 | 205.63 | 34.28 | 4.7 | 0.84 | 409.16 | 51.45 | 357.71 | 58.18 |
| 838 | 5-2592 | 52592 | 4 | 9/30/94 | 10096.98 | 2763.02 | 12860 | 613.86 | 38.39 | 9752.92 | 2668.89 | 159.09 | 43.54 | 202.63 | 2.35 | 131.5 | 34.27 | 5.19 | 0.66 | 482.36 | 49.39 | 432.97 | 70.53 |
| 839 | 5-1799 | 51799 | 3 | 3/31/86 | 10705.37 | 2754.63 | 13460 | 612.00 | 38.28 | 10535.34 | 2710.88 | 118.43 | 30.47 | 148.9 | 0.41 | 312.83 | 36.1 | 1.9 | 0.7 | 299.17 | 33.07 | 266.1 | 43.48 |
| 840 | 5-2022 | 52022 | 3 | 3/31/86 | 10705.37 | 2754.63 | 13460 | 612.00 | 38.28 | 10540 | 2712.08 | 115.58 | 29.74 | 145.32 | 0.38 | 314.7 | 36.19 | 1.81 | 0.69 | 297.3 | 32.24 | 265.06 | 43.31 |
| 841 | 1-0750 | 10750 | 4 | 9/30/94 | 7000.91 | 2721.09 | 9722 | 604.54 | 37.81 | 6736.39 | 2618.26 | 135.47 | 52.66 | 188.13 | 1.82 | 169.27 | 32.85 | 5.92 | 0.87 | 435.27 | 59.45 | 375.82 | 62.17 |
| 842 | 1-2555 | 12555 | 4 | 9/30/94 | 7000.91 | 2721.09 | 9722 | 604.54 | 37.81 | 6736.39 | 2618.26 | 135.47 | 52.66 | 188.13 | 1.82 | 169.27 | 32.85 | 5.92 | 0.87 | 435.27 | 59.45 | 375.82 | 62.17 |
| 843 | 1-1248 | 11248 | 5 | 9/30/94 | 7000.91 | 2721.09 | 9722 | 604.54 | 37.81 | 6737.5 | 2618.73 | 136.19 | 52.94 | 189.13 | 1.78 | 172.21 | 32.87 | 5.87 | 0.87 | 432.33 | 59.68 | 372.65 | 61.64 |
| 844 | 1-0164 | 10164 | 6 | 9/30/94 | 7000.91 | 2721.09 | 9722 | 604.54 | 37.81 | 6730.79 | 2616.14 | 136.77 | 53.16 | 189.93 | 1.88 | 166.89 | 32.77 | 5.96 | 0.84 | 437.65 | 59.96 | 377.69 | 62.48 |
| 845 | 5-0746 | 50746 | 3 | 3/31/86 | 10291.29 | 2712.71 | 13004 | 602.68 | 37.69 | 10018.05 | 2640.68 | 154.76 | 40.79 | 195.55 | 1.38 | 202.39 | 34.26 | 3.87 | 0.7 | 400.29 | 45.36 | 354.93 | 58.89 |
| 846 | 5-0749 | 50749 | 3 | 3/31/86 | 10291.29 | 2712.71 | 13004 | 602.68 | 37.69 | 9994.62 | 2634.51 | 158.52 | 41.78 | 200.3 | 1.67 | 180.61 | 34.02 | 4.24 | 0.66 | 422.07 | 46.68 | 375.39 | 62.29 |
| 847 | 5-0751 | 50751 | 3 | 3/31/86 | 10291.29 | 2712.71 | 13004 | 602.68 | 37.69 | 10007.23 | 2637.83 | 158.79 | 41.85 | 200.64 | 1.51 | 197.19 | 34.09 | 4.09 | 0.71 | 405.49 | 46.65 | 358.84 | 59.54 |
| 848 | 5-1064 | 51064 | 4 | 9/30/94 | 9873.29 | 2712.71 | 12586 | 602.68 | 37.69 | 9498.27 | 2609.66 | 158.85 | 43.65 | 202.5 | 2.88 | 107.15 | 33.26 | 5.64 | 0.65 | 495.53 | 49.94 | 445.59 | 73.93 |
| 849 | 5-2117 | 52117 | 4 | 9/30/94 | 9873.29 | 2712.71 | 12586 | 602.68 | 37.69 | 9498.61 | 2609.76 | 158.99 | 43.69 | 202.68 | 2.88 | 107.07 | 33.25 | 5.68 | 0.66 | 495.61 | 50.03 | 445.58 | 73.93 |
| 850 | 1-0502 | 10502 | 5 | 9/30/94 | 8268.68 | 2704.32 | 10973 | 600.82 | 37.58 | 8000.3 | 2616.55 | 147.09 | 48.11 | 195.2 | 1.59 | 189.52 | 33.11 | 5.28 | 0.97 | 411.3 | 54.36 | 356.94 | 59.41 |
| 851 | 1-1317 | 11317 | 5 | 9/30/94 | 8268.68 | 2704.32 | 10973 | 600.82 | 37.58 | 8004.49 | 2617.92 | 142.81 | 46.71 | 189.52 | 1.54 | 187.08 | 33.24 | 5.05 | 0.89 | 413.74 | 52.65 | 361.09 | 60.10 |
| 852 | 1-1358 | 11358 | 5 | 9/30/94 | 8268.68 | 2704.32 | 10973 | 600.82 | 37.58 | 7996.7 | 2615.39 | 145.98 | 47.74 | 193.72 | 1.64 | 183.12 | 33.09 | 5.3 | 0.92 | 417.7 | 53.96 | 363.74 | 60.54 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 853 | 1-1425 | 11425 | 5 | 9/30/94 | 8268.68 | 2704.32 | 10973 | 600.82 | 37.58 | 8004.49 | 2617.92 | 142.81 | 46.71 | 189.52 | 1.54 | 187.08 | 33.24 | 5.05 | 0.89 | 413.74 | 52.65 | 361.09 | 60.10 |
| 854 | 1-2184 | 12184 | 5 | 9/30/94 | 8268.68 | 2704.32 | 10973 | 600.82 | 37.58 | 8000.3 | 2616.55 | 147.09 | 48.11 | 195.2 | 1.59 | 189.52 | 33.11 | 5.28 | 0.97 | 411.3 | 54.36 | 356.94 | 59.41 |
| 855 | 1-2388 | 12388 | 5 | 9/30/94 | 8268.68 | 2704.32 | 10973 | 600.82 | 37.58 | 7996.7 | 2615.39 | 145.98 | 47.74 | 193.72 | 1.64 | 183.12 | 33.09 | 5.3 | 0.92 | 417.7 | 53.96 | 363.74 | 60.54 |
| 856 | 2-4059 | 24059 | 8 | 9/30/94 | 6112.26 | 0 | 6112.26 | 598.85 | 37.76 | 3779.49 | 2255.99 | 40.27 | 24.04 | 64.31 | 0.05 | 446.25 | 35.56 | 1.03 | 1.16 | 152.6 | 26.23 | 126.37 | 21.10 |
| 857 | 2-4087 | 24087 | 8 | 9/30/94 | 6112.26 | 0 | 6112.26 | 598.85 | 37.76 | 3743.13 | 2234.32 | 58.79 | 35.09 | 93.88 | 0.3 | 322.62 | 34.19 | 2.86 | 1.13 | 276.23 | 39.08 | 237.15 | 39.60 |
| 858 | 2-5350 | 25350 | 8 | 9/30/94 | 6112.26 | 0 | 6112.26 | 598.85 | 37.76 | 3736.86 | 2230.52 | 61.05 | 36.44 | 97.49 | 0.36 | 302.6 | 33.96 | 3.24 | 1.12 | 296.25 | 40.8 | 255.45 | 42.66 |
| 859 | 5-1058 | 51058 | 3 | 3/31/86 | 10942.22 | 2670.78 | 13613 | 593.37 | 37.11 | 10680.71 | 2606.95 | 155.83 | 38.04 | 193.87 | 1.16 | 220.69 | 33.98 | 3.4 | 0.73 | 372.68 | 42.17 | 330.51 | 55.70 |
| 860 | 5-2430 | 52430 | 3 | 3/31/86 | 10942.22 | 2670.78 | 13613 | 593.37 | 37.11 | 10672.78 | 2605.01 | 159.4 | 38.91 | 198.31 | 1.24 | 217.6 | 33.85 | 3.56 | 0.73 | 375.77 | 43.2 | 332.57 | 56.05 |
| 861 | 1-1371 | 11371 | 4 | 9/30/94 | 7962.41 | 2666.59 | 10629 | 592.43 | 37.05 | 7690.33 | 2575.47 | 144.87 | 48.52 | 193.39 | 1.71 | 175.31 | 32.48 | 5.52 | 0.94 | 417.12 | 54.98 | 362.14 | 61.13 |
| 862 | 1-2129 | 12129 | 4 | 9/30/94 | 7962.41 | 2666.59 | 10629 | 592.43 | 37.05 | 7696.98 | 2577.67 | 142.32 | 47.66 | 189.98 | 1.63 | 177.96 | 32.61 | 5.31 | 0.93 | 414.47 | 53.9 | 360.57 | 60.86 |
| 863 | 1-2497 | 12497 | 4 | 9/30/94 | 7962.41 | 2666.59 | 10629 | 592.43 | 37.05 | 7696.98 | 2577.67 | 142.32 | 47.66 | 189.98 | 1.63 | 177.96 | 32.61 | 5.31 | 0.93 | 414.47 | 53.9 | 360.57 | 60.86 |
| 864 | 1-2910 | 12910 | 4 | 9/30/94 | 7962.41 | 2666.59 | 10629 | 592.43 | 37.05 | 7690.33 | 2575.47 | 144.87 | 48.52 | 193.39 | 1.71 | 175.31 | 32.48 | 5.52 | 0.94 | 417.12 | 54.98 | 362.14 | 61.13 |
| 865 | 1-4817 | 14817 | 4 | 9/30/94 | 7962.41 | 2666.59 | 10629 | 592.43 | 37.05 | 7701.83 | 2579.3 | 139.63 | 46.76 | 186.39 | 1.56 | 180.92 | 32.7 | 5.1 | 0.88 | 411.51 | 52.74 | 358.77 | 60.56 |
| 866 | 1-5115 | 15115 | 4 | 9/30/94 | 7962.41 | 2666.59 | 10629 | 592.43 | 37.05 | 7701.83 | 2579.3 | 139.63 | 46.76 | 186.39 | 1.56 | 180.92 | 32.7 | 5.1 | 0.88 | 411.51 | 52.74 | 358.77 | 60.56 |
| 867 | 4-0463 | 40463 | 3 | 3/31/86 | 9526.57 | 2641.43 | 12168 | 586.85 | 36.7 | 9328.07 | 2586.39 | 133.69 | 37.07 | 170.76 | 0.65 | 280.48 | 33.74 | 2.79 | 0.92 | 306.37 | 40.78 | 265.59 | 45.26 |
| 868 | 4-0981 | 40981 | 3 | 3/31/86 | 9526.57 | 2641.43 | 12168 | 586.85 | 36.7 | 9312.86 | 2582.18 | 140.2 | 38.87 | 179.07 | 0.79 | 266.09 | 33.52 | 3.13 | 0.95 | 320.76 | 42.95 | 277.81 | 47.34 |
| 869 | 4-2339 | 42339 | 3 | 3/31/86 | 9526.57 | 2641.43 | 12168 | 586.85 | 36.7 | 9325.72 | 2585.74 | 136.16 | 37.75 | 173.91 | 0.67 | 282.37 | 33.68 | 2.88 | 0.98 | 304.48 | 41.61 | 262.87 | 44.79 |
| 870 | 1-0192 | 10192 | 3 | 3/31/86 | 9556.15 | 2628.85 | 12185 | 584.05 | 36.53 | 9251.29 | 2544.99 | 175.2 | 48.2 | 223.4 | 1.8 | 201.7 | 32.03 | 5.15 | 1 | 382.35 | 54.35 | 328 | 56.16 |
| 871 | 1-0367 | 10367 | 3 | 3/31/86 | 9556.15 | 2628.85 | 12185 | 584.05 | 36.53 | 9224.92 | 2537.73 | 181.51 | 49.93 | 231.44 | 2.23 | 180.77 | 31.73 | 5.77 | 1.02 | 403.28 | 56.72 | 346.56 | 59.34 |
| 872 | 1-1053 | 11053 | 3 | 3/31/86 | 9556.15 | 2628.85 | 12185 | 584.05 | 36.53 | 9224.92 | 2537.73 | 181.51 | 49.93 | 231.44 | 2.23 | 180.77 | 31.73 | 5.77 | 1.02 | 403.28 | 56.72 | 346.56 | 59.34 |
| 873 | 1-1204 | 11204 | 3 | 3/31/86 | 9556.15 | 2628.85 | 12185 | 584.05 | 36.53 | 9204.73 | 2532.18 | 183.63 | 50.52 | 234.15 | 2.56 | 166.22 | 31.47 | 6.15 | 0.98 | 417.83 | 57.65 | 360.18 | 61.67 |
| 874 | 1-1410 | 11410 | 3 | 3/31/86 | 9556.15 | 2628.85 | 12185 | 584.05 | 36.53 | 9251.24 | 2544.97 | 176.27 | 48.49 | 224.76 | 1.78 | 203.88 | 32.01 | 5.18 | 1.02 | 380.17 | 54.69 | 325.48 | 55.73 |
| 875 | 1-2206 | 12206 | 3 | 3/31/86 | 9556.15 | 2628.85 | 12185 | 584.05 | 36.53 | 9218.67 | 2536.01 | 184.14 | 50.66 | 234.8 | 2.3 | 180.36 | 31.6 | 5.92 | 1.03 | 403.69 | 57.61 | 346.08 | 59.26 |
| 876 | 1-2521 | 12521 | 3 | 3/31/86 | 9556.15 | 2628.85 | 12185 | 584.05 | 36.53 | 9218.67 | 2536.01 | 184.14 | 50.66 | 234.8 | 2.3 | 180.36 | 31.6 | 5.92 | 1.03 | 403.69 | 57.61 | 346.08 | 59.26 |
| 877 | 5-0838 | 50838 | 5 | 9/30/94 | 8534.15 | 2628.85 | 11163 | 584.05 | 36.53 | 8266.11 | 2546.3 | 143.27 | 44.13 | 187.4 | 1.52 | 178.15 | 32.62 | 4.47 | 0.69 | 405.9 | 49.29 | 356.61 | 61.06 |
| 878 | 5-1754 | 51754 | 5 | 9/30/94 | 8534.15 | 2628.85 | 11163 | 584.05 | 36.53 | 8252.43 | 2542.06 | 146.68 | 45.18 | 191.86 | 1.69 | 168.59 | 32.43 | 4.76 | 0.69 | 415.46 | 50.63 | 364.83 | 62.47 |
| 879 | 5-2465 | 52465 | 5 | 9/30/94 | 8534.15 | 2628.85 | 11163 | 584.05 | 36.53 | 8192.37 | 2523.57 | 157.63 | 48.55 | 206.18 | 2.62 | 128.73 | 31.59 | 6.13 | 0.76 | 455.32 | 55.44 | 399.88 | 68.47 |
| 880 | 5-0583 | 50583 | 6 | 9/30/94 | 8534.15 | 2628.85 | 11163 | 584.05 | 36.53 | 8199.26 | 2525.68 | 155.97 | 48.05 | 204.02 | 2.53 | 129.78 | 31.72 | 6.02 | 0.76 | 454.27 | 54.83 | 399.44 | 68.39 |
| 881 | 5-1469 | 51469 | 6 | 9/30/94 | 8534.15 | 2628.85 | 11163 | 584.05 | 36.53 | 8264.45 | 2545.76 | 143.44 | 44.19 | 187.63 | 1.54 | 174.47 | 32.62 | 4.53 | 0.68 | 409.58 | 49.4 | 360.18 | 61.67 |
| 882 | 5-2546 | 52546 | 6 | 9/30/94 | 8534.15 | 2628.85 | 11163 | 584.05 | 36.53 | 8248.79 | 2540.95 | 147.24 | 45.36 | 192.6 | 1.76 | 163.6 | 32.41 | 4.86 | 0.69 | 420.45 | 50.91 | 369.54 | 63.27 |
| 883 | 215021 | 215021 | 9 | 9/30/94 | 3991.41 | 2227.77 | 6219.18 | 583.92 | 35.75 | 3951.48 | 2205.5 | 34.56 | 19.29 | 53.85 | 0.03 | 460.4 | 34.26 | 0.66 | 0.88 | 123.52 | 20.83 | 102.69 | 17.59 |
| 884 | 215042 | 215042 | 9 | 9/30/94 | 3991.41 | 2227.77 | 6219.18 | 583.92 | 35.75 | 3963.85 | 2212.39 | 25.01 | 13.96 | 38.97 | 0.01 | 497.4 | 34.67 | 0.36 | 0.78 | 86.52 | 15.1 | 71.42 | 12.23 |
| 885 | 215045 | 215045 | 9 | 9/30/94 | 3991.41 | 2227.77 | 6219.18 | 583.92 | 35.75 | 3926.67 | 2191.65 | 50.09 | 27.96 | 78.05 | 0.15 | 376.2 | 33.39 | 1.64 | 0.97 | 207.72 | 30.57 | 177.15 | 30.34 |
| 886 | 215061 | 215061 | 9 | 9/30/94 | 3991.41 | 2227.77 | 6219.18 | 583.92 | 35.75 | 3949.89 | 2204.61 | 35.26 | 19.68 | 54.94 | 0.05 | 443.36 | 34.16 | 0.79 | 0.92 | 140.56 | 21.39 | 119.17 | 20.41 |
| 887 | 215101 | 215101 | 9 | 9/30/94 | 3991.41 | 2227.77 | 6219.18 | 583.92 | 35.75 | 3935.96 | 2196.82 | 44.95 | 25.09 | 70.04 | 0.1 | 409.15 | 33.66 | 1.26 | 1.02 | 174.77 | 27.37 | 147.4 | 25.24 |
| 888 | 215115 | 215115 | 9 | 9/30/94 | 3991.41 | 2227.77 | 6219.18 | 583.92 | 35.75 | 3930.93 | 2193.97 | 47.7 | 26.62 | 74.32 | 0.13 | 388.5 | 33.53 | 1.46 | 0.96 | 195.42 | 29.04 | 166.38 | 28.49 |
| 889 | 215126 | 215126 | 9 | 9/30/94 | 3991.41 | 2227.77 | 6219.18 | 583.92 | 35.75 | 3945.87 | 2202.38 | 37.9 | 21.15 | 59.05 | 0.06 | 427.29 | 34.02 | 0.95 | 0.94 | 156.63 | 23.04 | 133.59 | 22.88 |
| 890 | 215151 | 215151 | 9 | 9/30/94 | 3991.41 | 2227.77 | 6219.18 | 583.92 | 35.75 | 3955.19 | 2207.56 | 32.06 | 17.89 | 49.95 | 0.02 | 476.95 | 34.35 | 0.56 | 0.92 | 106.97 | 19.37 | 87.6 | 15.00 |
| 891 | 215166 | 215166 | 9 | 9/30/94 | 3991.41 | 2227.77 | 6219.18 | 583.92 | 35.75 | 3930.41 | 2193.7 | 48.28 | 26.95 | 75.23 | 0.13 | 390.47 | 33.46 | 1.51 | 1.04 | 193.45 | 29.5 | 163.95 | 28.08 |
| 892 | 5-1068 | 51068 | 5 | 9/30/94 | 10157.34 | 2624.66 | 12782 | 583.12 | 36.47 | 9797.43 | 2531.67 | 162.29 | 41.94 | 204.23 | 2.55 | 115.48 | 32.44 | 5.18 | 0.64 | 467.64 | 47.76 | 419.88 | 72.01 |
| 893 | 5-2583 | 52583 | 6 | 9/30/94 | 10157.34 | 2624.66 | 12782 | 583.12 | 36.47 | 9801.03 | 2532.61 | 160.02 | 41.35 | 201.37 | 2.5 | 117.52 | 32.5 | 4.98 | 0.6 | 465.6 | 46.93 | 418.67 | 71.80 |
| 894 | 5-1993 | 51993 | 5 | 9/30/94 | 10167.53 | 2620.47 | 12788 | 582.19 | 36.41 | 9800.65 | 2525.91 | 161.32 | 41.58 | 202.9 | 2.65 | 112.54 | 32.32 | 5.15 | 0.61 | 469.65 | 47.34 | 422.31 | 72.54 |
| 895 | 5-2860 | 52860 | 5 | 9/30/94 | 10167.53 | 2620.47 | 12788 | 582.19 | 36.41 | 9804.22 | 2526.82 | 161.61 | 41.65 | 203.26 | 2.61 | 114.14 | 32.35 | 5.13 | 0.62 | 468.05 | 47.4 | 420.65 | 72.25 |
| 896 | 5-0992 | 50992 | 6 | 9/30/94 | 10167.53 | 2620.47 | 12788 | 582.19 | 36.41 | 9782.09 | 2521.14 | 162.89 | 41.98 | 204.87 | 2.95 | 102.09 | 32.15 | 5.43 | 0.62 | 480.1 | 48.03 | 432.07 | 74.21 |
| 897 | 5-1200 | 51200 | 6 | 9/30/94 | 10158.53 | 2620.47 | 12779 | 582.19 | 36.41 | 9773.15 | 2521.06 | 163.1 | 42.07 | 205.17 | 2.96 | 102.67 | 32.12 | 5.48 | 0.63 | 479.52 | 48.18 | 431.34 | 74.09 |
| 898 | 5-0892 | 50892 | 3 | 3/31/86 | 10909.73 | 2616.27 | 13526 | 581.26 | 36.35 | 10750.73 | 2578.15 | 110.43 | 26.48 | 136.91 | 0.35 | 292.99 | 34.62 | 1.53 | 0.55 | 288.27 | 28.56 | 259.71 | 44.68 |
| 899 | 5-0731 | 50731 | 3 | 3/31/86 | 10929.92 | 2612.08 | 13542 | 580.32 | 36.3 | 10765.71 | 2572.84 | 112.23 | 26.82 | 139.05 | 0.38 | 285.08 | 34.52 | 1.58 | 0.54 | 295.24 | 28.94 | 266.3 | 45.89 |
| 900 | 5-0854 | 50854 | 3 | 3/31/86 | 10929.92 | 2612.08 | 13542 | 580.32 | 36.3 | 10773.64 | 2574.73 | 109.1 | 26.07 | 135.17 | 0.33 | 295.47 | 34.6 | 1.47 | 0.54 | 284.85 | 28.08 | 256.77 | 44.25 |
| 901 | 5-0862 | 50862 | 3 | 3/31/86 | 10929.92 | 2612.08 | 13542 | 580.32 | 36.3 | 10689.97 | 2554.74 | 142.75 | 34.11 | 176.86 | 0.98 | 213.74 | 33.68 | 2.81 | 0.57 | 366.58 | 37.49 | 329.09 | 56.71 |
| 902 | 5-2460 | 52460 | 3 | 3/31/86 | 10929.92 | 2612.08 | 13542 | 580.32 | 36.3 | 10677.03 | 2551.64 | 145.94 | 34.88 | 180.82 | 1.1 | 202.01 | 33.55 | 3.03 | 0.58 | 378.31 | 38.49 | 339.82 | 58.56 |
| 903 | 1-1771 | 11771 | 3 | 3/31/86 | 9360.3 | 2603.7 | 11964 | 578.46 | 36.18 | 9141.45 | 2542.82 | 140.94 | 39.2 | 180.14 | 0.85 | 251.86 | 32.96 | 3.25 | 0.91 | 326.6 | 43.36 | 283.24 | 48.96 |
| 904 | 1-2142 | 12142 | 3 | 3/31/86 | 9360.3 | 2603.7 | 11964 | 578.46 | 36.18 | 9150.48 | 2545.33 | 136.59 | 37.99 | 174.58 | 0.78 | 256.35 | 33.11 | 3.08 | 0.9 | 322.11 | 41.97 | 280.14 | 48.43 |
| 905 | 1-0187 | 10187 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6562.07 | 2166.21 | 82.15 | 27.12 | 109.27 | 0.26 | 322.31 | 34.12 | 1.65 | 0.66 | 255.28 | 29.43 | 225.85 | 39.10 |
| 906 | 1-0266 | 10266 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6351.82 | 2133.96 | 121.3 | 40.75 | 162.05 | 1.18 | 210.71 | 32.21 | 4.3 | 0.8 | 366.88 | 45.85 | 321.03 | 55.58 |
| 907 | 1-0301 | 10301 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6498 | 2145.1 | 111.73 | 36.89 | 148.62 | 0.78 | 246.02 | 32.85 | 3.3 | 0.75 | 331.57 | 40.94 | 290.63 | 50.32 |
| 908 | 1-0318 | 10318 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6399.3 | 2149.92 | 103.85 | 34.89 | 138.74 | 0.63 | 260.19 | 33.14 | 2.92 | 0.74 | 317.4 | 38.55 | 278.85 | 48.28 |
| 909 | 1-0341 | 10341 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6494.58 | 2143.97 | 114.23 | 37.71 | 151.94 | 0.81 | 246.75 | 32.73 | 3.45 | 0.81 | 330.84 | 41.97 | 288.87 | 50.01 |
| 910 | 1-0404 | 10404 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6464.25 | 2133.96 | 123.45 | 40.75 | 164.2 | 1.2 | 210.71 | 32.21 | 4.3 | 0.8 | 366.88 | 45.85 | 321.03 | 55.58 |
| 911 | 1-0423 | 10423 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6388.74 | 2146.35 | 107.57 | 36.14 | 143.71 | 0.73 | 246.13 | 32.95 | 3.19 | 0.73 | 331.46 | 40.06 | 291.4 | 50.45 |
| 912 | 1-0460 | 10460 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6381.62 | 2143.97 | 112.24 | 37.71 | 149.95 | 0.8 | 246.75 | 32.73 | 3.45 | 0.81 | 330.84 | 41.97 | 288.87 | 50.01 |
| 913 | 1-0468 | 10468 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6410.18 | 2153.57 | 100.83 | 33.87 | 134.7 | 0.52 | 281.73 | 33.31 | 2.62 | 0.78 | 295.86 | 37.27 | 258.59 | 44.77 |
| 914 | 1-0479 | 10479 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6359.23 | 2136.44 | 118.27 | 39.73 | 158 | 1.07 | 215.17 | 32.38 | 4.06 | 0.77 | 362.42 | 44.56 | 317.86 | 55.03 |
| 915 | 1-0506 | 10506 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6391.78 | 2147.39 | 108.94 | 36.6 | 145.54 | 0.69 | 261.5 | 32.91 | 3.16 | 0.83 | 316.09 | 40.59 | 275.5 | 47.70 |
| 916 | 1-0808 | 10808 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6492.58 | 2143.28 | 113.92 | 37.61 | 151.53 | 0.85 | 239.31 | 32.72 | 3.51 | 0.79 | 338.28 | 41.91 | 296.37 | 51.31 |
| 917 | 1-0846 | 10846 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6564.67 | 2167.1 | 81.27 | 26.83 | 108.1 | 0.24 | 330.52 | 34.14 | 1.59 | 0.68 | 247.07 | 29.1 | 217.97 | 37.74 |
| 918 | 1-1005 | 11005 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6515.86 | 2150.98 | 105.34 | 34.78 | 140.12 | 0.61 | 269.27 | 33.17 | 2.84 | 0.77 | 308.32 | 38.39 | 269.93 | 46.73 |
| 919 | 1-1668 | 11668 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6384.98 | 2145.1 | 109.79 | 36.89 | 146.68 | 0.77 | 246.02 | 32.85 | 3.3 | 0.75 | 331.57 | 40.94 | 290.63 | 50.32 |
| 920 | 1-1738 | 11738 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6402.53 | 2150.98 | 103.51 | 34.78 | 138.29 | 0.6 | 269.27 | 33.17 | 2.84 | 0.77 | 308.32 | 38.39 | 269.93 | 46.73 |
| 921 | 1-1939 | 11939 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6445.14 | 2127.64 | 128.19 | 42.32 | 170.51 | 1.46 | 187.32 | 31.9 | 4.89 | 0.81 | 390.27 | 48.02 | 342.25 | 59.25 |
| 922 | 1-2078 | 12078 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6512.57 | 2149.92 | 105.69 | 34.89 | 140.58 | 0.65 | 260.19 | 33.14 | 2.92 | 0.74 | 317.4 | 38.55 | 278.85 | 48.28 |
| 923 | 1-2300 | 12300 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6562.07 | 2166.21 | 82.15 | 27.12 | 109.27 | 0.26 | 322.31 | 34.12 | 1.65 | 0.66 | 255.28 | 29.43 | 225.85 | 39.10 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 924 | 1-2552 | 12552 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6478.94 | 2138.79 | 117.37 | 38.75 | 156.12 | 1.01 | 218.25 | 32.54 | 3.88 | 0.75 | 359.34 | 43.38 | 315.96 | 54.70 |
| 925 | 1-2562 | 12562 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6570.17 | 2168.92 | 78.61 | 25.95 | 104.56 | 0.21 | 341.8 | 34.23 | 1.46 | 0.68 | 235.79 | 28.09 | 207.7 | 35.96 |
| 926 | 1-2649 | 12649 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6389.36 | 2146.58 | 107.7 | 36.18 | 143.88 | 0.73 | 248.75 | 32.96 | 3.17 | 0.73 | 328.84 | 40.08 | 288.76 | 49.99 |
| 927 | 1-2742 | 12742 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6343.24 | 2131.05 | 123.18 | 41.38 | 164.56 | 1.28 | 197.83 | 32.08 | 4.57 | 0.8 | 379.76 | 46.75 | 333.01 | 57.66 |
| 928 | 1-2806 | 12806 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6361.4 | 2137.18 | 117.87 | 39.6 | 157.47 | 1.06 | 218.72 | 32.4 | 4.01 | 0.78 | 358.87 | 44.39 | 314.48 | 54.45 |
| 929 | 1-2971 | 12971 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6410.18 | 2153.57 | 100.83 | 33.87 | 134.7 | 0.52 | 281.73 | 33.31 | 2.62 | 0.78 | 295.86 | 37.27 | 258.59 | 44.77 |
| 930 | 1-2972 | 12972 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6374.07 | 2141.43 | 112.91 | 37.94 | 150.85 | 0.89 | 228.63 | 32.68 | 3.63 | 0.74 | 348.96 | 42.31 | 306.65 | 53.09 |
| 931 | 1-4501 | 14501 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6486.89 | 2141.43 | 114.91 | 37.94 | 152.85 | 0.9 | 228.63 | 32.68 | 3.63 | 0.74 | 348.96 | 42.31 | 306.65 | 53.09 |
| 932 | 1-4673 | 14673 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6389.36 | 2146.58 | 107.7 | 36.18 | 143.88 | 0.73 | 248.75 | 32.96 | 3.17 | 0.73 | 328.84 | 40.08 | 288.76 | 49.99 |
| 933 | 1-4709 | 14709 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6359.23 | 2136.44 | 118.27 | 39.73 | 158 | 1.07 | 215.17 | 32.38 | 4.06 | 0.77 | 362.42 | 44.56 | 317.86 | 55.03 |
| 934 | 1-4735 | 14735 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6492.58 | 2143.28 | 113.92 | 37.61 | 151.53 | 0.85 | 239.31 | 32.72 | 3.51 | 0.79 | 338.28 | 41.91 | 296.37 | 51.31 |
| 935 | 1-4762 | 14762 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6474 | 2137.18 | 119.96 | 39.6 | 159.56 | 1.08 | 218.72 | 32.4 | 4.01 | 0.78 | 358.87 | 44.39 | 314.48 | 54.45 |
| 936 | 1-4844 | 14844 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6333.04 | 2127.64 | 125.96 | 42.32 | 168.28 | 1.43 | 187.32 | 31.9 | 4.89 | 0.81 | 390.27 | 48.02 | 342.25 | 59.25 |
| 937 | 1-4900 | 14900 | 8 | 9/30/94 | 8762.58 | 0 | 8762.58 | 577.59 | 36.41 | 6443.74 | 2164.83 | 82.88 | 27.85 | 110.73 | 0.27 | 317.1 | 34.04 | 1.73 | 0.66 | 260.49 | 30.24 | 230.25 | 39.86 |
| 938 | 1-5780 | 15780 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6504.92 | 2147.39 | 110.87 | 36.6 | 147.47 | 0.7 | 261.5 | 32.91 | 3.16 | 0.83 | 316.09 | 40.59 | 275.5 | 47.70 |
| 939 | 1-6076 | 16076 | 8 | 9/30/94 | 8878.68 | 0 | 8878.68 | 577.59 | 36.41 | 6570.17 | 2168.92 | 78.61 | 25.95 | 104.56 | 0.21 | 341.8 | 34.23 | 1.46 | 0.68 | 235.79 | 28.09 | 207.7 | 35.96 |
| 940 | 1-0337 | 10337 | 3 | 3/31/86 | 9580.5 | 2599.5 | 12180 | 577.53 | 36.12 | 9365.74 | 2541.23 | 139.81 | 37.93 | 177.74 | 0.8 | 255.94 | 33.05 | 3.07 | 0.9 | 321.59 | 41.9 | 279.69 | 48.43 |
| 941 | 1-0647 | 10647 | 3 | 3/31/86 | 9580.5 | 2599.5 | 12180 | 577.53 | 36.12 | 9380.03 | 2545.11 | 135.35 | 36.73 | 172.08 | 0.65 | 276.84 | 33.18 | 2.77 | 0.92 | 300.69 | 40.42 | 260.27 | 45.07 |
| 942 | 1-0670 | 10670 | 3 | 3/31/86 | 9580.5 | 2599.5 | 12180 | 577.53 | 36.12 | 9367.52 | 2541.72 | 141.06 | 38.27 | 179.33 | 0.78 | 263.32 | 33.01 | 3.09 | 0.96 | 314.21 | 42.32 | 271.89 | 47.08 |
| 943 | 1-0684 | 10684 | 3 | 3/31/86 | 9580.5 | 2599.5 | 12180 | 577.53 | 36.12 | 9393.19 | 2548.68 | 131.18 | 35.59 | 166.77 | 0.54 | 294.69 | 33.34 | 2.52 | 0.96 | 282.84 | 39.07 | 243.77 | 42.21 |
| 944 | 1-0940 | 10940 | 3 | 3/31/86 | 9580.5 | 2599.5 | 12180 | 577.53 | 36.12 | 9365.58 | 2541.19 | 141 | 38.26 | 179.26 | 0.8 | 261.87 | 32.99 | 3.08 | 0.94 | 315.66 | 42.28 | 273.38 | 47.34 |
| 945 | 1-1018 | 11018 | 3 | 3/31/86 | 9580.5 | 2599.5 | 12180 | 577.53 | 36.12 | 9380.87 | 2545.34 | 134.45 | 36.48 | 170.93 | 0.65 | 276.02 | 33.21 | 2.74 | 0.91 | 301.51 | 40.13 | 261.38 | 45.26 |
| 946 | 1-1612 | 11612 | 3 | 3/31/86 | 9580.5 | 2599.5 | 12180 | 577.53 | 36.12 | 9393.19 | 2548.68 | 131.18 | 35.59 | 166.77 | 0.54 | 294.69 | 33.34 | 2.52 | 0.96 | 282.84 | 39.07 | 243.77 | 42.21 |
| 947 | 1-2282 | 12282 | 3 | 3/31/86 | 9580.5 | 2599.5 | 12180 | 577.53 | 36.12 | 9380.03 | 2545.11 | 135.35 | 36.73 | 172.08 | 0.65 | 276.84 | 33.18 | 2.77 | 0.92 | 300.69 | 40.42 | 260.27 | 45.07 |
| 948 | 1-2560 | 12560 | 3 | 3/31/86 | 9580.5 | 2599.5 | 12180 | 577.53 | 36.12 | 9378.51 | 2544.7 | 136.93 | 37.15 | 174.08 | 0.67 | 277.89 | 33.14 | 2.83 | 0.96 | 299.64 | 40.94 | 258.7 | 44.79 |
| 949 | 1-2228 | 12228 | 3 | 3/31/86 | 9027.88 | 2591.12 | 11619 | 575.67 | 36 | 8816.8 | 2530.53 | 135.94 | 39.02 | 174.96 | 0.82 | 250.64 | 32.8 | 3.24 | 0.91 | 325.03 | 43.17 | 281.86 | 48.96 |
| 950 | 1-0568 | 10568 | 5 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7179.26 | 2526.87 | 113.66 | 40.01 | 153.67 | 0.7 | 238.86 | 32.94 | 3.1 | 0.69 | 336.81 | 43.8 | 293.01 | 50.90 |
| 951 | 1-0620 | 10620 | 5 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7179.26 | 2526.87 | 113.66 | 40.01 | 153.67 | 0.7 | 238.86 | 32.94 | 3.1 | 0.69 | 336.81 | 43.8 | 293.01 | 50.90 |
| 952 | 1-2242 | 12242 | 5 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7182.62 | 2528.02 | 112.2 | 39.49 | 151.69 | 0.66 | 242.62 | 33 | 2.99 | 0.67 | 333.05 | 43.15 | 289.9 | 50.36 |
| 953 | 1-2390 | 12390 | 5 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7179.26 | 2526.87 | 113.66 | 40.01 | 153.67 | 0.7 | 238.86 | 32.94 | 3.1 | 0.69 | 336.81 | 43.8 | 293.01 | 50.90 |
| 954 | 1-0391 | 10391 | 6 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7179.05 | 2526.78 | 113.33 | 39.89 | 153.22 | 0.7 | 237.76 | 32.94 | 3.09 | 0.67 | 337.91 | 43.65 | 294.26 | 51.12 |
| 955 | 1-0639 | 10639 | 6 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7179.05 | 2526.78 | 113.33 | 39.89 | 153.22 | 0.7 | 237.76 | 32.94 | 3.09 | 0.67 | 337.91 | 43.65 | 294.26 | 51.12 |
| 956 | 1-1194 | 11194 | 6 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7174.58 | 2525.19 | 114.74 | 40.39 | 155.13 | 0.75 | 232.99 | 32.88 | 3.17 | 0.66 | 342.68 | 44.22 | 298.46 | 51.85 |
| 957 | 1-1659 | 11659 | 6 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7174.58 | 2525.19 | 114.74 | 40.39 | 155.13 | 0.75 | 232.99 | 32.88 | 3.17 | 0.66 | 342.68 | 44.22 | 298.46 | 51.85 |
| 958 | 1-2027 | 12027 | 6 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7199.45 | 2533.95 | 105.35 | 37.08 | 142.43 | 0.52 | 260.63 | 33.32 | 2.54 | 0.64 | 315.04 | 40.26 | 274.78 | 47.73 |
| 959 | 1-2536 | 12536 | 6 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7179.05 | 2526.78 | 113.33 | 39.89 | 153.22 | 0.7 | 237.76 | 32.94 | 3.09 | 0.67 | 337.91 | 43.65 | 294.26 | 51.12 |
| 960 | 1-2921 | 12921 | 6 | 9/30/94 | 7361.88 | 2591.12 | 9953 | 575.67 | 36 | 7194.08 | 2532.02 | 108.06 | 38.04 | 146.1 | 0.56 | 255.66 | 33.21 | 2.7 | 0.66 | 320.01 | 41.4 | 278.61 | 48.40 |
| 961 | 1-1757 | 11757 | 5 | 9/30/94 | 7373.08 | 2586.92 | 9960 | 574.74 | 35.95 | 7204.16 | 2527.64 | 107.96 | 37.88 | 145.84 | 0.58 | 250.28 | 33.15 | 2.75 | 0.67 | 324.46 | 41.3 | 283.16 | 49.27 |
| 962 | 1-4175 | 14175 | 8 | 9/30/94 | 8926.2 | 0 | 8926.2 | 574.37 | 36.22 | 6497.29 | 2113.98 | 129.36 | 42.09 | 171.45 | 1.56 | 178.26 | 31.64 | 4.99 | 0.78 | 396.11 | 47.86 | 348.25 | 60.63 |
| 963 | 1-4379 | 14379 | 8 | 9/30/94 | 8926.2 | 0 | 8926.2 | 574.37 | 36.22 | 6536.98 | 2126.87 | 118.42 | 38.53 | 156.95 | 1.02 | 217.03 | 32.36 | 3.86 | 0.75 | 357.34 | 43.14 | 314.2 | 54.70 |
| 964 | 1-4809 | 14809 | 8 | 9/30/94 | 8926.2 | 0 | 8926.2 | 574.37 | 36.22 | 6560.06 | 2134.39 | 110.46 | 35.94 | 146.4 | 0.75 | 244.76 | 32.77 | 3.18 | 0.72 | 329.61 | 39.84 | 289.77 | 50.45 |
| 965 | 1-4940 | 14940 | 8 | 9/30/94 | 8926.2 | 0 | 8926.2 | 574.37 | 36.22 | 6623.47 | 2155.02 | 81.99 | 26.68 | 108.67 | 0.24 | 328.68 | 33.95 | 1.58 | 0.68 | 245.69 | 28.94 | 216.75 | 37.74 |
| 966 | 1-5068 | 15068 | 8 | 9/30/94 | 8926.2 | 0 | 8926.2 | 574.37 | 36.22 | 6497.29 | 2113.98 | 129.36 | 42.09 | 171.45 | 1.56 | 178.26 | 31.64 | 4.99 | 0.78 | 396.11 | 47.86 | 348.25 | 60.63 |
| 967 | 1-5090 | 15090 | 8 | 9/30/94 | 8926.2 | 0 | 8926.2 | 574.37 | 36.22 | 6513.35 | 2119.18 | 126.48 | 41.15 | 167.63 | 1.31 | 196.73 | 31.9 | 4.55 | 0.79 | 377.64 | 46.49 | 331.15 | 57.65 |
| 968 | 1-5417 | 15417 | 8 | 9/30/94 | 8926.2 | 0 | 8926.2 | 574.37 | 36.22 | 6532.03 | 2125.26 | 118.79 | 38.65 | 157.44 | 1.08 | 208.49 | 32.29 | 3.96 | 0.72 | 365.88 | 43.33 | 322.55 | 56.16 |
| 969 | 1-6049 | 16049 | 8 | 9/30/94 | 8926.2 | 0 | 8926.2 | 574.37 | 36.22 | 6532.03 | 2125.26 | 118.79 | 38.65 | 157.44 | 1.08 | 208.49 | 32.29 | 3.96 | 0.72 | 365.88 | 43.33 | 322.55 | 56.16 |
| 970 | 5-0755 | 50755 | 5 | 9/30/94 | 8217.27 | 2582.73 | 10800 | 573.80 | 35.89 | 8048.21 | 2529.6 | 109.35 | 34.37 | 143.72 | 0.52 | 258.13 | 33.41 | 2.35 | 0.59 | 315.67 | 37.31 | 278.36 | 48.51 |
| 971 | 5-0857 | 50857 | 5 | 9/30/94 | 8217.27 | 2582.73 | 10800 | 573.80 | 35.89 | 8038.99 | 2526.71 | 112.89 | 35.48 | 148.37 | 0.59 | 247.8 | 33.28 | 2.53 | 0.58 | 326 | 38.59 | 287.41 | 50.09 |
| 972 | 1-4449 | 14449 | 7 | 9/30/94 | 8371 | 0 | 8371 | 573.00 | 0 | 6185.64 | 1984.64 | 96.82 | 31.07 | 127.89 | 0.55 | 230.76 | 30.74 | 2.59 | 0.6 | 342.24 | 34.26 | 307.98 | 53.75 |
| 973 | 1-5585 | 15585 | 7 | 9/30/94 | 8371 | 0 | 8371 | 573.00 | 0 | 6035 | 1936.31 | 135.03 | 43.32 | 178.35 | 2.73 | 104.87 | 28.15 | 6.71 | 0.8 | 468.13 | 50.83 | 417.3 | 72.83 |
| 974 | 1-5589 | 15589 | 7 | 9/30/94 | 8371 | 0 | 8371 | 573.00 | 0 | 6094.67 | 1955.45 | 128.45 | 41.21 | 169.66 | 1.66 | 154.83 | 29.03 | 5.2 | 0.78 | 418.17 | 47.19 | 370.98 | 64.74 |
| 975 | 1-5838 | 15838 | 7 | 9/30/94 | 8371 | 0 | 8371 | 573.00 | 0 | 6103.36 | 1958.23 | 122.35 | 39.25 | 161.6 | 1.56 | 152.07 | 29.28 | 4.84 | 0.7 | 420.93 | 44.79 | 376.14 | 65.64 |
| 976 | 1-5897 | 15897 | 7 | 9/30/94 | 8371 | 0 | 8371 | 573.00 | 0 | 6099.7 | 1957.06 | 126.28 | 40.52 | 166.8 | 1.59 | 156.32 | 29.14 | 5.03 | 0.76 | 416.68 | 46.31 | 370.37 | 64.64 |
| 977 | 1-6072 | 16072 | 7 | 9/30/94 | 8371 | 0 | 8371 | 573.00 | 0 | 6179.4 | 1982.61 | 99.23 | 31.84 | 131.07 | 0.61 | 221.64 | 30.65 | 2.76 | 0.61 | 351.36 | 35.21 | 316.15 | 55.17 |
| 978 | 1-2606 | 12606 | 3 | 3/31/86 | 9489.46 | 2578.54 | 12068 | 572.87 | 35.83 | 9142.99 | 2484.39 | 185.62 | 50.44 | 236.06 | 2.48 | 169.54 | 30.93 | 5.95 | 0.98 | 403.33 | 57.37 | 345.96 | 60.39 |
| 979 | 1-5297 | 15297 | 7 | 9/30/94 | 8400 | 0 | 8400 | 571.00 | 0 | 6170.81 | 1962.41 | 116.38 | 37.01 | 153.39 | 1.07 | 186.5 | 29.71 | 3.93 | 0.69 | 384.5 | 41.63 | 342.87 | 60.05 |
| 980 | 5-0027 | 50027 | 3 | 3/31/86 | 10964.04 | 2565.96 | 13530 | 570.08 | 35.66 | 10717.5 | 2508.26 | 145.47 | 34.05 | 179.52 | 1.02 | 205.05 | 33.02 | 2.9 | 0.57 | 365.03 | 37.52 | 327.51 | 57.45 |
| 981 | 1-0600 | 10600 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6449.74 | 2134.66 | 84.31 | 27.9 | 112.21 | 0.28 | 312.21 | 33.53 | 1.76 | 0.66 | 257.49 | 30.32 | 227.17 | 39.88 |
| 982 | 1-0973 | 10973 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6439.87 | 2131.39 | 88.5 | 29.29 | 117.79 | 0.35 | 292.12 | 33.37 | 2.01 | 0.64 | 277.58 | 31.94 | 245.64 | 43.12 |
| 983 | 1-4049 | 14049 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6431.62 | 2128.66 | 91.64 | 30.33 | 121.97 | 0.41 | 277.12 | 33.24 | 2.2 | 0.63 | 292.58 | 33.16 | 259.42 | 45.54 |
| 984 | 1-4070 | 14070 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6451.65 | 2135.29 | 82.98 | 27.47 | 110.45 | 0.28 | 312.77 | 33.58 | 1.71 | 0.65 | 256.93 | 29.83 | 227.1 | 39.86 |
| 985 | 1-4624 | 14624 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6439.87 | 2131.39 | 88.5 | 29.29 | 117.79 | 0.35 | 292.12 | 33.37 | 2.01 | 0.64 | 277.58 | 31.94 | 245.64 | 43.12 |
| 986 | 1-5088 | 15088 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6449.74 | 2134.66 | 84.31 | 27.9 | 112.21 | 0.28 | 312.21 | 33.53 | 1.76 | 0.66 | 257.49 | 30.32 | 227.17 | 39.88 |
| 987 | 1-5259 | 15259 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6434.74 | 2129.73 | 90.74 | 30.03 | 120.77 | 0.39 | 283.72 | 33.29 | 2.14 | 0.65 | 285.98 | 32.82 | 253.16 | 44.44 |
| 988 | 1-5431 | 15431 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6434.74 | 2129.73 | 90.74 | 30.03 | 120.77 | 0.39 | 283.72 | 33.29 | 2.14 | 0.65 | 285.98 | 32.82 | 253.16 | 44.44 |
| 989 | 1-5676 | 15676 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6450.6 | 2134.93 | 83.36 | 27.59 | 110.95 | 0.28 | 309.34 | 33.57 | 1.73 | 0.63 | 260.36 | 29.95 | 230.41 | 40.44 |
| 990 | 1-5818 | 15818 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6431.62 | 2128.66 | 91.64 | 30.33 | 121.97 | 0.41 | 277.12 | 33.24 | 2.2 | 0.63 | 292.58 | 33.16 | 259.42 | 45.54 |
| 991 | 1-6058 | 16058 | 8 | 9/30/94 | 8740.56 | 0 | 8740.56 | 569.70 | 35.93 | 6450.6 | 2134.93 | 83.36 | 27.59 | 110.95 | 0.28 | 309.34 | 33.57 | 1.73 | 0.63 | 260.36 | 29.95 | 230.41 | 40.44 |
| 992 | 1-0162 | 10162 | 3 | 3/31/86 | 9507.23 | 2561.77 | 12069 | 569.15 | 35.6 | 9127.14 | 2459.35 | 192.12 | 51.77 | 243.89 | 3.01 | 148.86 | 30.32 | 6.57 | 0.96 | 420.29 | 59.3 | 360.99 | 63.43 |
| 993 | 1-1876 | 11876 | 3 | 3/31/86 | 9507.23 | 2561.77 | 12069 | 569.15 | 35.6 | 9117.03 | 2456.63 | 192.57 | 51.89 | 244.46 | 3.23 | 138.92 | 30.26 | 6.79 | 0.95 | 430.23 | 59.63 | 370.6 | 65.11 |
| 994 | 5-0256 | 50256 | 4 | 9/30/94 | 8234.23 | 2561.77 | 10796 | 569.15 | 35.6 | 7908.89 | 2460.56 | 149.94 | 46.65 | 196.59 | 2.46 | 124.48 | 30.93 | 5.82 | 0.74 | 444.67 | 53.21 | 391.46 | 68.78 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 995 | 5-0507 | 50507 | 4 | 9/30/94 | 8234.23 | 2561.77 | 10796 | 569.15 | 35.6 | 7891.09 | 2454.99 | 152.83 | 47.55 | 200.38 | 2.75 | 115.68 | 30.68 | 6.16 | 0.74 | 453.47 | 54.45 | 399.02 | 70.11 |
| 996 | 5-1127 | 51127 | 5 | 9/30/94 | 8207.23 | 2561.77 | 10769 | 569.15 | 35.6 | 7889.53 | 2462.61 | 149.85 | 46.78 | 196.63 | 2.33 | 130.7 | 30.99 | 5.69 | 0.73 | 438.45 | 53.2 | 385.25 | 67.69 |
| 997 | 1-4015 | 14015 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6164.28 | 1924.64 | 134.48 | 41.99 | 176.47 | 2.74 | 102.68 | 28.07 | 6.47 | 0.76 | 466.32 | 49.22 | 417.1 | 73.30 |
| 998 | 1-4020 | 14020 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6230.25 | 1945.25 | 124.89 | 38.99 | 163.88 | 1.59 | 151.06 | 29.09 | 4.81 | 0.7 | 417.94 | 44.5 | 373.44 | 65.63 |
| 999 | 1-4074 | 14074 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6192.44 | 1933.46 | 133.48 | 41.68 | 175.16 | 2.2 | 126 | 28.43 | 5.87 | 0.77 | 443 | 48.32 | 394.68 | 69.36 |
| 1000 | 1-4169 | 14169 | 7 | 9/30/94 | 8397 | 0 | 8397 | 569.00 | 0 | 6089.63 | 1927.98 | 133.42 | 42.24 | 175.66 | 2.43 | 115.23 | 28.21 | 6.21 | 0.77 | 453.77 | 49.22 | 404.55 | 71.10 |
| 1001 | 1-4459 | 14459 | 7 | 9/30/94 | 8397 | 0 | 8397 | 569.00 | 0 | 6143.59 | 1945.09 | 123.4 | 39.07 | 162.47 | 1.52 | 153.74 | 29.11 | 4.76 | 0.71 | 415.26 | 44.54 | 370.72 | 65.15 |
| 1002 | 1-4468 | 14468 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6160.48 | 1923.48 | 137.83 | 43.04 | 180.87 | 2.79 | 104.18 | 27.97 | 6.66 | 0.8 | 464.82 | 50.5 | 414.32 | 72.82 |
| 1003 | 1-4483 | 14483 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6260.71 | 1954.72 | 119.92 | 37.44 | 157.36 | 1.13 | 183.98 | 29.53 | 4.05 | 0.7 | 385.02 | 42.19 | 342.83 | 60.25 |
| 1004 | 1-4526 | 14526 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6239.65 | 1948.17 | 123.36 | 38.52 | 161.88 | 1.43 | 161.35 | 29.22 | 4.54 | 0.69 | 407.65 | 43.75 | 363.9 | 63.95 |
| 1005 | 1-4578 | 14578 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6206.85 | 1937.96 | 126.58 | 39.52 | 166.1 | 1.97 | 126.59 | 28.81 | 5.29 | 0.67 | 442.41 | 45.48 | 396.93 | 69.76 |
| 1006 | 1-5293 | 15293 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6314.24 | 1971.49 | 98.84 | 30.86 | 129.7 | 0.56 | 229.23 | 30.53 | 2.57 | 0.6 | 339.77 | 34.03 | 305.74 | 53.73 |
| 1007 | 1-5411 | 15411 | 7 | 9/30/94 | 8397 | 0 | 8397 | 569.00 | 0 | 6126.44 | 1939.64 | 126.93 | 40.19 | 167.12 | 1.8 | 140.24 | 28.83 | 5.24 | 0.73 | 428.76 | 46.16 | 382.6 | 67.24 |
| 1008 | 1-5669 | 15669 | 7 | 9/30/94 | 8397 | 0 | 8397 | 569.00 | 0 | 6240.67 | 1975.82 | 91.55 | 28.98 | 120.53 | 0.41 | 252.36 | 30.81 | 2.16 | 0.59 | 316.64 | 31.73 | 284.91 | 50.07 |
| 1009 | 1-5671 | 15671 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6260.71 | 1954.72 | 119.92 | 37.44 | 157.36 | 1.13 | 183.98 | 29.53 | 4.05 | 0.7 | 385.02 | 42.19 | 342.83 | 60.25 |
| 1010 | 1-5700 | 15700 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6206.54 | 1937.86 | 128.8 | 40.22 | 169.02 | 1.96 | 129.41 | 28.76 | 5.4 | 0.71 | 439.59 | 46.33 | 393.26 | 69.11 |
| 1011 | 1-5724 | 15724 | 7 | 9/30/94 | 8397 | 0 | 8397 | 569.00 | 0 | 6137.76 | 1943.25 | 127.07 | 40.23 | 167.3 | 1.6 | 155.22 | 28.94 | 5 | 0.75 | 413.78 | 45.98 | 367.8 | 64.64 |
| 1012 | 1-5875 | 15875 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6321.18 | 1973.61 | 95.47 | 29.81 | 125.28 | 0.51 | 232.86 | 30.7 | 2.39 | 0.57 | 336.14 | 32.77 | 303.37 | 53.32 |
| 1013 | 1-6078 | 16078 | 7 | 9/30/94 | 8490 | 0 | 8490 | 569.00 | 0 | 6292.67 | 1964.75 | 103.99 | 32.47 | 136.46 | 0.79 | 194.37 | 30.27 | 3.06 | 0.56 | 374.63 | 36.09 | 338.54 | 59.50 |
| 1014 | 1-1363 | 11363 | 4 | 9/30/94 | 7136.43 | 2557.57 | 9694 | 568.21 | 35.54 | 6959.14 | 2494.04 | 109.86 | 39.37 | 149.23 | 0.68 | 233.58 | 32.54 | 3.05 | 0.67 | 334.63 | 43.09 | 291.54 | 51.31 |
| 1015 | 1-2316 | 12316 | 4 | 9/30/94 | 7136.43 | 2557.57 | 9694 | 568.21 | 35.54 | 6954.74 | 2492.47 | 111.53 | 39.97 | 151.5 | 0.72 | 230.04 | 32.47 | 3.13 | 0.66 | 338.17 | 43.76 | 294.41 | 51.81 |
| 1016 | 1-2387 | 12387 | 4 | 9/30/94 | 7136.43 | 2557.57 | 9694 | 568.21 | 35.54 | 6976.87 | 2500.4 | 102.83 | 36.85 | 139.68 | 0.52 | 254.56 | 32.85 | 2.55 | 0.63 | 313.65 | 40.03 | 273.62 | 48.15 |
| 1017 | 1-2472 | 12472 | 4 | 9/30/94 | 7136.43 | 2557.57 | 9694 | 568.21 | 35.54 | 6984.6 | 2503.15 | 100.04 | 35.85 | 135.89 | 0.46 | 263.17 | 32.99 | 2.39 | 0.63 | 305.04 | 38.87 | 266.17 | 46.84 |
| 1018 | 1-4572 | 14572 | 4 | 9/30/94 | 7136.43 | 2557.57 | 9694 | 568.21 | 35.54 | 6954.74 | 2492.47 | 111.53 | 39.97 | 151.5 | 0.72 | 230.04 | 32.47 | 3.13 | 0.66 | 338.17 | 43.76 | 294.41 | 51.81 |
| 1019 | 1-4983 | 14983 | 4 | 9/30/94 | 7136.43 | 2557.57 | 9694 | 568.21 | 35.54 | 6959.14 | 2494.04 | 109.86 | 39.37 | 149.23 | 0.68 | 233.58 | 32.54 | 3.05 | 0.67 | 334.63 | 43.09 | 291.54 | 51.31 |
| 1020 | 1-5891 | 15891 | 4 | 9/30/94 | 7136.43 | 2557.57 | 9694 | 568.21 | 35.54 | 6954.74 | 2492.47 | 111.53 | 39.97 | 151.5 | 0.72 | 230.04 | 32.47 | 3.13 | 0.66 | 338.17 | 43.76 | 294.41 | 51.81 |
| 1021 | 1-6004 | 16004 | 4 | 9/30/94 | 7136.43 | 2557.57 | 9694 | 568.21 | 35.54 | 6959.14 | 2494.04 | 109.86 | 39.37 | 149.23 | 0.68 | 233.58 | 32.54 | 3.05 | 0.67 | 334.63 | 43.09 | 291.54 | 51.31 |
| 1022 | 1-0707 | 10707 | 5 | 9/30/94 | 7449.42 | 2557.57 | 10006.99 | 568.21 | 35.54 | 7270.11 | 2496.02 | 111.65 | 38.33 | 149.98 | 0.66 | 236.91 | 32.63 | 2.9 | 0.65 | 331.3 | 41.88 | 289.42 | 50.94 |
| 1023 | 1-2495 | 12495 | 5 | 9/30/94 | 7449.42 | 2557.57 | 10006.99 | 568.21 | 35.54 | 7268.03 | 2495.29 | 113.54 | 38.98 | 152.52 | 0.67 | 239.48 | 32.57 | 2.95 | 0.66 | 328.73 | 42.59 | 286.14 | 50.36 |
| 1024 | 1-2668 | 12668 | 5 | 9/30/94 | 7449.42 | 2557.57 | 10006.99 | 568.21 | 35.54 | 7268.03 | 2495.29 | 113.54 | 38.98 | 152.52 | 0.67 | 239.48 | 32.57 | 2.95 | 0.66 | 328.73 | 42.59 | 286.14 | 50.36 |
| 1025 | 1-2212 | 12212 | 6 | 9/30/94 | 7449.42 | 2557.57 | 10006.99 | 568.21 | 35.54 | 7259.9 | 2492.5 | 116.11 | 39.86 | 155.97 | 0.75 | 229.97 | 32.45 | 3.13 | 0.65 | 338.24 | 43.64 | 294.6 | 51.85 |
| 1026 | 1-4014 | 14014 | 7 | 9/30/94 | 8326 | 0 | 8326 | 568.00 | 0 | 6147.72 | 1966.84 | 99.15 | 31.72 | 130.87 | 0.64 | 215.21 | 30.39 | 2.8 | 0.6 | 352.79 | 35.12 | 317.67 | 55.93 |
| 1027 | 1-4030 | 14030 | 7 | 9/30/94 | 8326 | 0 | 8326 | 568.00 | 0 | 6037.78 | 1931.65 | 131.15 | 41.96 | 173.11 | 2.13 | 127 | 28.4 | 5.89 | 0.78 | 441 | 48.63 | 392.37 | 69.08 |
| 1028 | 1-4147 | 14147 | 7 | 9/30/94 | 8326 | 0 | 8326 | 568.00 | 0 | 6066.04 | 1940.73 | 127.85 | 40.9 | 168.75 | 1.65 | 153.67 | 28.81 | 5.16 | 0.77 | 414.33 | 46.83 | 367.5 | 64.70 |
| 1029 | 1-4474 | 14474 | 7 | 9/30/94 | 8326 | 0 | 8326 | 568.00 | 0 | 6037.78 | 1931.65 | 131.15 | 41.96 | 173.11 | 2.13 | 127 | 28.4 | 5.89 | 0.78 | 441 | 48.63 | 392.37 | 69.08 |
| 1030 | 1-5321 | 15321 | 7 | 9/30/94 | 8326 | 0 | 8326 | 568.00 | 0 | 6051.87 | 1936.2 | 123.42 | 39.49 | 162.91 | 1.92 | 126.48 | 28.79 | 5.29 | 0.67 | 441.52 | 45.45 | 396.07 | 69.73 |
| 1031 | 1-5410 | 15410 | 7 | 9/30/94 | 8313 | 0 | 8313 | 568.00 | 0 | 6082.3 | 1948.31 | 116.68 | 37.37 | 154.05 | 1.26 | 166.31 | 29.41 | 4.22 | 0.66 | 401.69 | 42.25 | 359.44 | 63.28 |
| 1032 | 1-5493 | 15493 | 7 | 9/30/94 | 8326 | 0 | 8326 | 568.00 | 0 | 6062.79 | 1939.67 | 123.6 | 39.54 | 163.14 | 1.73 | 139.37 | 28.91 | 5.06 | 0.69 | 428.63 | 45.29 | 383.34 | 67.49 |
| 1033 | 1-5737 | 15737 | 7 | 9/30/94 | 8326 | 0 | 8326 | 568.00 | 0 | 6037.82 | 1931.71 | 130.15 | 41.64 | 171.79 | 2.14 | 125.88 | 28.4 | 5.86 | 0.77 | 442.12 | 48.27 | 393.85 | 69.34 |
| 1034 | 1-5771 | 15771 | 7 | 9/30/94 | 8326 | 0 | 8326 | 568.00 | 0 | 6170.71 | 1974.21 | 91.85 | 29.39 | 121.24 | 0.42 | 251.02 | 30.73 | 2.23 | 0.61 | 316.98 | 32.23 | 284.75 | 50.13 |
| 1035 | 1-6070 | 16070 | 7 | 9/30/94 | 8326 | 0 | 8326 | 568.00 | 0 | 6141.57 | 1964.86 | 100.84 | 32.26 | 133.1 | 0.7 | 205.88 | 30.3 | 2.95 | 0.58 | 362.12 | 35.79 | 326.33 | 57.45 |
| 1036 | 1-6073 | 16073 | 7 | 9/30/94 | 8326 | 0 | 8326 | 568.00 | 0 | 6147.72 | 1966.84 | 99.15 | 31.72 | 130.87 | 0.64 | 215.21 | 30.39 | 2.8 | 0.6 | 352.79 | 35.12 | 317.67 | 55.93 |
| 1037 | 1-0285 | 10285 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9183.01 | 2464.39 | 185.29 | 49.73 | 235.02 | 2.2 | 182.51 | 30.78 | 5.61 | 1 | 384.77 | 56.34 | 328.43 | 57.90 |
| 1038 | 1-0873 | 10873 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9176.8 | 2462.72 | 184.2 | 49.43 | 233.63 | 2.26 | 175.68 | 30.72 | 5.64 | 0.94 | 391.6 | 56.01 | 335.59 | 59.16 |
| 1039 | 1-0948 | 10948 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9157.01 | 2457.41 | 190.82 | 51.21 | 242.03 | 2.65 | 162.78 | 30.48 | 6.23 | 1.02 | 404.5 | 58.46 | 346.04 | 61.00 |
| 1040 | 1-1228 | 11228 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9173.13 | 2461.74 | 183.69 | 49.29 | 232.98 | 2.33 | 170.45 | 30.71 | 5.69 | 0.93 | 396.83 | 55.91 | 340.92 | 60.10 |
| 1041 | 1-1336 | 11336 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9111.27 | 2445.14 | 191.96 | 51.52 | 243.48 | 3.48 | 131.25 | 30.01 | 6.91 | 0.92 | 436.03 | 59.35 | 376.68 | 66.40 |
| 1042 | 1-1397 | 11397 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9176.8 | 2462.72 | 184.2 | 49.43 | 233.63 | 2.26 | 175.68 | 30.72 | 5.64 | 0.94 | 391.6 | 56.01 | 335.59 | 59.16 |
| 1043 | 1-1918 | 11918 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9196.5 | 2468.01 | 182.27 | 48.92 | 231.19 | 1.95 | 191.7 | 30.96 | 5.26 | 0.97 | 375.58 | 55.15 | 320.43 | 56.49 |
| 1044 | 1-1988 | 11998 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9157.01 | 2457.41 | 190.82 | 51.21 | 242.03 | 2.65 | 162.78 | 30.48 | 6.23 | 1.02 | 404.5 | 58.46 | 346.04 | 61.00 |
| 1045 | 1-2351 | 12351 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9173.13 | 2461.74 | 183.69 | 49.29 | 232.98 | 2.33 | 170.45 | 30.71 | 5.69 | 0.93 | 396.83 | 55.91 | 340.92 | 60.10 |
| 1046 | 1-2447 | 12447 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9196.5 | 2468.01 | 182.27 | 48.92 | 231.19 | 1.95 | 191.7 | 30.96 | 5.26 | 0.97 | 375.58 | 55.15 | 320.43 | 56.49 |
| 1047 | 1-2570 | 12570 | 3 | 3/31/86 | 9514.62 | 2553.38 | 12068 | 567.28 | 35.48 | 9167.23 | 2460.16 | 186.11 | 49.95 | 236.06 | 2.49 | 167.89 | 30.63 | 5.9 | 0.97 | 399.39 | 56.82 | 342.57 | 60.39 |
| 1048 | 5-2680 | 52680 | 6 | 9/30/94 | 8261.62 | 2553.38 | 10815 | 567.28 | 35.48 | 7917.62 | 2447.07 | 154.53 | 47.76 | 202.29 | 2.75 | 115.17 | 30.59 | 6.2 | 0.75 | 452.11 | 54.71 | 397.4 | 70.05 |
| 1049 | 1-2576 | 12576 | 7 | 9/30/94 | 8237 | 0 | 8237 | 567.00 | 0 | 5977.74 | 1935.11 | 123.85 | 40.09 | 163.94 | 1.76 | 139.91 | 28.76 | 5.23 | 0.72 | 427.09 | 46.04 | 381.05 | 67.20 |
| 1050 | 1-4047 | 14047 | 7 | 9/30/94 | 8237 | 0 | 8237 | 567.00 | 0 | 5962.9 | 1930.31 | 127.82 | 41.38 | 169.2 | 1.97 | 133.15 | 28.46 | 5.62 | 0.75 | 433.85 | 47.75 | 386.1 | 68.10 |
| 1051 | 1-4156 | 14156 | 7 | 9/30/94 | 8237 | 0 | 8237 | 567.00 | 0 | 6011.49 | 1946.05 | 115.32 | 37.33 | 152.65 | 1.24 | 166.12 | 29.37 | 4.22 | 0.66 | 400.88 | 42.21 | 358.67 | 63.26 |
| 1052 | 1-4486 | 14486 | 7 | 9/30/94 | 8503 | 0 | 8503 | 567.00 | 0 | 6284.86 | 1948.06 | 118.53 | 36.74 | 155.27 | 1.09 | 185.13 | 29.49 | 3.9 | 0.68 | 381.87 | 41.32 | 340.55 | 60.06 |
| 1053 | 1-4580 | 14580 | 7 | 9/30/94 | 8237 | 0 | 8237 | 567.00 | 0 | 6079.84 | 1968.14 | 91.82 | 29.72 | 121.54 | 0.49 | 232.21 | 30.61 | 2.38 | 0.56 | 334.79 | 32.66 | 302.13 | 53.29 |
| 1054 | 1-5222 | 15222 | 7 | 9/30/94 | 8237 | 0 | 8237 | 567.00 | 0 | 6052.1 | 1959.19 | 101.55 | 32.88 | 134.43 | 0.75 | 197.6 | 30.15 | 3.11 | 0.59 | 369.4 | 36.58 | 332.82 | 58.70 |
| 1055 | 1-5291 | 15291 | 7 | 9/30/94 | 8237 | 0 | 8237 | 567.00 | 0 | 5962.9 | 1930.31 | 127.82 | 41.38 | 169.2 | 1.97 | 133.15 | 28.46 | 5.62 | 0.75 | 433.85 | 47.75 | 386.1 | 68.10 |
| 1056 | 1-5298 | 15298 | 7 | 9/30/94 | 8237 | 0 | 8237 | 567.00 | 0 | 6001.42 | 1942.77 | 118.65 | 38.41 | 157.06 | 1.38 | 160.9 | 29.14 | 4.53 | 0.69 | 406.1 | 43.63 | 362.47 | 63.93 |
| 1057 | 1-5299 | 15299 | 7 | 9/30/94 | 8237 | 0 | 8237 | 567.00 | 0 | 6089.2 | 1971.2 | 89.32 | 28.92 | 118.24 | 0.4 | 251.77 | 30.73 | 2.15 | 0.59 | 315.23 | 31.66 | 283.57 | 50.01 |
| 1058 | 1-4031 | 14031 | 7 | 9/30/94 | 8255 | 0 | 8255 | 566.00 | 0 | 6087.85 | 1960.95 | 97.76 | 31.49 | 129.25 | 0.6 | 219.22 | 30.31 | 2.73 | 0.6 | 346.78 | 34.82 | 311.96 | 55.12 |
| 1059 | 1-5085 | 15085 | 7 | 9/30/94 | 8533 | 0 | 8533 | 566.00 | 0 | 6216.72 | 1913.82 | 135.63 | 41.75 | 177.38 | 2.76 | 102.1 | 27.91 | 6.43 | 0.76 | 463.9 | 48.94 | 414.96 | 73.31 |
| 1060 | 1-5141 | 15141 | 7 | 9/30/94 | 8533 | 0 | 8533 | 566.00 | 0 | 6345.87 | 1953.58 | 106.48 | 32.78 | 139.26 | 0.79 | 197.04 | 30.06 | 3.11 | 0.59 | 368.96 | 36.48 | 332.48 | 58.74 |
| 1061 | 1-5231 | 15231 | 7 | 9/30/94 | 8533 | 0 | 8533 | 566.00 | 0 | 6352.42 | 1955.59 | 104.3 | 32.11 | 136.41 | 0.72 | 204.91 | 30.15 | 2.93 | 0.58 | 361.09 | 35.62 | 325.47 | 57.50 |
| 1062 | 1-5356 | 15356 | 7 | 9/30/94 | 8533 | 0 | 8533 | 566.00 | 0 | 6382.57 | 1964.9 | 95 | 29.25 | 124.25 | 0.43 | 249.83 | 30.59 | 2.22 | 0.61 | 316.17 | 32.08 | 284.09 | 50.19 |
| 1063 | 1-5710 | 15710 | 7 | 9/30/94 | 8356 | 0 | 8356 | 566.00 | 0 | 6100.61 | 1930.41 | 124.37 | 39.36 | 163.73 | 1.74 | 138.7 | 28.77 | 5.04 | 0.68 | 427.3 | 45.08 | 382.22 | 67.53 |
| 1064 | 1-1351 | 11351 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7547.76 | 2130.48 | 77.27 | 21.81 | 99.08 | 0.15 | 364.78 | 33.07 | 1.05 | 0.64 | 200.85 | 23.5 | 177.35 | 31.35 |
| 1065 | 1-4504 | 14504 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7550.15 | 2131.15 | 76 | 21.45 | 97.45 | 0.14 | 370.24 | 33.11 | 1 | 0.63 | 195.39 | 23.08 | 172.31 | 30.46 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1066 | 1-4647 | 14647 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7554.83 | 2132.47 | 70.46 | 19.89 | 90.35 | 0.13 | 350.44 | 33.32 | 0.92 | 0.49 | 215.19 | 21.3 | 193.89 | 34.28 |
| 1067 | 1-5413 | 15413 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7603.78 | 2146.3 | 36.65 | 10.35 | 47 | 0.01 | 451.58 | 34.04 | 0.24 | 0.34 | 114.05 | 10.93 | 103.12 | 18.23 |
| 1068 | 1-5674 | 15674 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7567.37 | 2136.02 | 63.4 | 17.9 | 81.3 | 0.08 | 384.43 | 33.45 | 0.72 | 0.51 | 181.2 | 19.13 | 162.07 | 28.65 |
| 1069 | 1-5677 | 15677 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7604.1 | 2146.37 | 36.56 | 10.32 | 46.88 | 0.01 | 453.39 | 34.04 | 0.24 | 0.34 | 112.24 | 10.9 | 101.34 | 17.92 |
| 1070 | 1-5723 | 15723 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7604.72 | 2146.56 | 36.19 | 10.21 | 46.4 | 0.01 | 459.94 | 34.03 | 0.23 | 0.37 | 105.69 | 10.81 | 94.88 | 16.77 |
| 1071 | 1-5802 | 15802 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7561.9 | 2134.45 | 66.33 | 18.72 | 85.05 | 0.11 | 365.5 | 33.42 | 0.8 | 0.48 | 200.13 | 20 | 180.13 | 31.85 |
| 1072 | 1-5808 | 15808 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7544.09 | 2129.45 | 78.11 | 22.05 | 100.16 | 0.17 | 345.06 | 33.08 | 1.12 | 0.57 | 220.57 | 23.74 | 196.83 | 34.80 |
| 1073 | 1-5809 | 15809 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7602.19 | 2145.85 | 38.38 | 10.83 | 49.21 | 0.02 | 457.31 | 33.98 | 0.26 | 0.39 | 108.32 | 11.48 | 96.84 | 17.12 |
| 1074 | 1-5811 | 15811 | 9 | 9/30/94 | 7645.18 | 2157.98 | 9803.16 | 565.63 | 34.63 | 7557.36 | 2133.2 | 70.35 | 19.86 | 90.21 | 0.12 | 370.62 | 33.28 | 0.88 | 0.55 | 195.01 | 21.29 | 173.72 | 30.71 |
| 1075 | 1-0580 | 10580 | 3 | 3/31/86 | 9524 | 2545 | 12069 | 565.42 | 35.36 | 9120.26 | 2437.11 | 192.15 | 51.35 | 243.5 | 3.48 | 130.82 | 29.91 | 6.88 | 0.91 | 434.6 | 59.14 | 375.46 | 66.40 |
| 1076 | 1-1850 | 11850 | 3 | 3/31/86 | 9524 | 2545 | 12069 | 565.42 | 35.36 | 9133.11 | 2440.54 | 192.91 | 51.55 | 244.46 | 3.23 | 138.01 | 30.06 | 6.74 | 0.95 | 427.41 | 59.24 | 368.17 | 65.11 |
| 1077 | 1-1998 | 11998 | 3 | 3/31/86 | 9524 | 2545 | 12069 | 565.42 | 35.36 | 9192.07 | 2456.3 | 185.47 | 49.56 | 235.03 | 2.2 | 181.91 | 30.68 | 5.59 | 1 | 383.51 | 56.15 | 327.36 | 57.90 |
| 1078 | 1-2440 | 12440 | 3 | 3/31/86 | 9524 | 2545 | 12069 | 565.42 | 35.36 | 9143.24 | 2443.25 | 192.46 | 51.43 | 243.89 | 3.02 | 147.89 | 30.12 | 6.53 | 0.95 | 417.53 | 58.91 | 358.62 | 63.43 |
| 1079 | 5-0821 | 50821 | 6 | 9/30/94 | 8082 | 2545 | 10627 | 565.42 | 35.36 | 7915.89 | 2492.67 | 107.45 | 33.84 | 141.29 | 0.51 | 252.1 | 32.95 | 2.31 | 0.57 | 313.32 | 36.72 | 276.6 | 48.92 |
| 1080 | 5-1798 | 51798 | 6 | 9/30/94 | 8082 | 2545 | 10627 | 565.42 | 35.36 | 7905.88 | 2489.54 | 111.32 | 35.05 | 146.37 | 0.59 | 241.53 | 32.81 | 2.51 | 0.57 | 323.89 | 38.13 | 285.76 | 50.54 |
| 1081 | 1-0519 | 10519 | 7 | 9/30/94 | 8287 | 0 | 8287 | 565.00 | 0 | 6109.6 | 1950.91 | 100.96 | 32.24 | 133.2 | 0.77 | 193 | 30.06 | 3.04 | 0.55 | 372 | 35.83 | 336.17 | 59.50 |
| 1082 | 1-5801 | 15801 | 7 | 9/30/94 | 8489 | 0 | 8489 | 565.00 | 0 | 6191.82 | 1914.39 | 135.66 | 41.94 | 177.6 | 2.48 | 114.42 | 28.01 | 6.17 | 0.76 | 450.58 | 48.87 | 401.71 | 71.10 |
| 1083 | 1-4046 | 14046 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7486.54 | 2134.14 | 39.11 | 11.15 | 50.26 | 0.02 | 440.75 | 33.81 | 0.28 | 0.36 | 121.96 | 11.79 | 110.17 | 19.58 |
| 1084 | 1-4060 | 14060 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7455.01 | 2125.16 | 63.27 | 18.03 | 81.3 | 0.08 | 398.36 | 33.23 | 0.69 | 0.57 | 164.35 | 19.29 | 145.06 | 25.78 |
| 1085 | 1-4133 | 14133 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7479.44 | 2132.11 | 44.93 | 12.81 | 57.74 | 0.03 | 432.9 | 33.66 | 0.36 | 0.43 | 129.81 | 13.6 | 116.21 | 20.65 |
| 1086 | 1-4153 | 14153 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7481.14 | 2132.61 | 43.96 | 12.53 | 56.49 | 0.02 | 444.53 | 33.66 | 0.34 | 0.46 | 118.18 | 13.33 | 104.85 | 18.63 |
| 1087 | 1-4244 | 14244 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7463.57 | 2127.6 | 56.63 | 16.14 | 72.77 | 0.06 | 404.27 | 33.41 | 0.57 | 0.49 | 158.44 | 17.2 | 141.24 | 25.10 |
| 1088 | 1-5367 | 15367 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7481.41 | 2132.67 | 43.85 | 12.5 | 56.35 | 0.02 | 445.75 | 33.66 | 0.33 | 0.45 | 116.96 | 13.28 | 103.68 | 18.43 |
| 1089 | 1-5404 | 15404 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7453.73 | 2124.78 | 64.04 | 18.26 | 82.3 | 0.08 | 394.3 | 33.2 | 0.72 | 0.58 | 168.41 | 19.56 | 148.85 | 26.45 |
| 1090 | 1-5419 | 15419 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7460.59 | 2126.75 | 57.66 | 16.44 | 74.1 | 0.07 | 384.72 | 33.42 | 0.61 | 0.45 | 177.99 | 17.5 | 160.49 | 28.52 |
| 1091 | 1-5423 | 15423 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7450.92 | 2123.99 | 63.78 | 18.18 | 81.96 | 0.1 | 364.6 | 33.29 | 0.76 | 0.46 | 198.11 | 19.4 | 178.71 | 31.76 |
| 1092 | 1-5673 | 15673 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7467.45 | 2128.68 | 52.97 | 15.1 | 68.07 | 0.05 | 398.08 | 33.53 | 0.51 | 0.42 | 164.63 | 16.03 | 148.6 | 26.41 |
| 1093 | 1-5698 | 15698 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7450.75 | 2123.92 | 65.07 | 18.55 | 83.62 | 0.09 | 376.82 | 33.22 | 0.77 | 0.52 | 185.89 | 19.84 | 166.05 | 29.51 |
| 1094 | 1-5779 | 15779 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7466.58 | 2128.46 | 53.73 | 15.32 | 69.05 | 0.05 | 398.63 | 33.51 | 0.52 | 0.43 | 164.08 | 16.27 | 147.81 | 26.27 |
| 1095 | 1-5814 | 15814 | 9 | 9/30/94 | 7531.06 | 2146.82 | 9677.88 | 562.71 | 34.45 | 7469.36 | 2129.24 | 52.22 | 14.89 | 67.11 | 0.04 | 411.84 | 33.52 | 0.49 | 0.46 | 150.87 | 15.84 | 135.03 | 24.00 |
| 1096 | 1-4482 | 14482 | 7 | 9/30/94 | 8341 | 0 | 8341 | 562.00 | 0 | 6111.19 | 1923.4 | 122.75 | 38.64 | 161.39 | 1.51 | 152.02 | 28.78 | 4.71 | 0.7 | 409.98 | 44.05 | 365.93 | 65.11 |
| 1097 | 1-4051 | 14051 | 7 | 9/30/94 | 8408 | 0 | 8408 | 561.00 | 0 | 6154.3 | 1911.72 | 127.72 | 39.67 | 167.39 | 1.94 | 127.67 | 28.37 | 5.33 | 0.7 | 433.33 | 45.7 | 387.63 | 69.10 |
| 1098 | 1-0137 | 10137 | 3 | 3/31/86 | 9491.16 | 2519.84 | 12011 | 559.83 | 35.01 | 9261.45 | 2458.86 | 143.45 | 38.08 | 181.53 | 0.96 | 230.89 | 31.83 | 3.28 | 0.84 | 328.94 | 42.2 | 286.74 | 51.22 |
| 1099 | 1-0305 | 10305 | 3 | 3/31/86 | 9797.16 | 2519.84 | 12317 | 559.83 | 35.01 | 9484.61 | 2439.45 | 179.62 | 46.2 | 225.82 | 1.84 | 193.33 | 30.71 | 4.94 | 0.96 | 366.5 | 52.1 | 314.4 | 56.16 |
| 1100 | 1-0462 | 10462 | 3 | 3/31/86 | 9797.16 | 2519.84 | 12317 | 559.83 | 35.01 | 9488.03 | 2440.33 | 181.78 | 46.75 | 228.53 | 1.81 | 199.55 | 30.71 | 4.98 | 1.04 | 360.28 | 52.77 | 307.51 | 54.93 |
| 1101 | 1-0974 | 10974 | 3 | 3/31/86 | 9797.16 | 2519.84 | 12317 | 559.83 | 35.01 | 9503.21 | 2444.24 | 177.85 | 45.74 | 223.59 | 1.56 | 211.43 | 30.9 | 4.61 | 1.02 | 348.4 | 51.37 | 297.03 | 53.06 |
| 1102 | 1-1101 | 11101 | 3 | 3/31/86 | 9797.16 | 2519.84 | 12317 | 559.83 | 35.01 | 9471.56 | 2436.09 | 184.31 | 47.41 | 231.72 | 2.08 | 185.89 | 30.53 | 5.28 | 1.01 | 373.94 | 53.7 | 320.24 | 57.20 |
| 1103 | 1-1153 | 11153 | 3 | 3/31/86 | 9797.16 | 2519.84 | 12317 | 559.83 | 35.01 | 9469.31 | 2435.52 | 186.51 | 47.97 | 234.48 | 2.11 | 184.04 | 30.5 | 5.43 | 1.05 | 375.79 | 54.45 | 321.34 | 57.40 |
| 1104 | 1-1555 | 11555 | 3 | 3/31/86 | 9797.16 | 2519.84 | 12317 | 559.83 | 35.01 | 9484.56 | 2439.44 | 180.72 | 46.48 | 227.2 | 1.83 | 195.43 | 30.68 | 4.96 | 0.98 | 364.4 | 52.42 | 311.98 | 55.73 |
| 1105 | 1-1990 | 11990 | 3 | 3/31/86 | 9797.16 | 2519.84 | 12317 | 559.83 | 35.01 | 9503.21 | 2444.24 | 177.85 | 45.74 | 223.59 | 1.56 | 211.43 | 30.9 | 4.61 | 1.02 | 348.4 | 51.37 | 297.03 | 53.06 |
| 1106 | 1-2044 | 12044 | 3 | 3/31/86 | 9797.16 | 2519.84 | 12317 | 559.83 | 35.01 | 9469.31 | 2435.52 | 186.51 | 47.97 | 234.48 | 2.11 | 184.04 | 30.5 | 5.43 | 1.05 | 375.79 | 54.45 | 321.34 | 57.40 |
| 1107 | 1-2919 | 12919 | 3 | 3/31/86 | 9797.16 | 2519.84 | 12317 | 559.83 | 35.01 | 9488.03 | 2440.33 | 181.78 | 46.75 | 228.53 | 1.81 | 199.55 | 30.71 | 4.98 | 1.04 | 360.28 | 52.77 | 307.51 | 54.93 |
| 1108 | 5-0397 | 50397 | 4 | 9/30/94 | 8082.16 | 2519.84 | 10602 | 559.83 | 35.01 | 7804.43 | 2433.24 | 140.35 | 43.76 | 184.11 | 1.75 | 151 | 31.02 | 4.71 | 0.65 | 408.83 | 49.12 | 359.71 | 64.25 |
| 1109 | 5-1431 | 51431 | 4 | 9/30/94 | 8082.16 | 2519.84 | 10602 | 559.83 | 35.01 | 7822.13 | 2438.77 | 136.33 | 42.51 | 178.84 | 1.51 | 162.62 | 31.27 | 4.36 | 0.65 | 397.21 | 47.52 | 349.69 | 62.46 |
| 1110 | 5-1599 | 51599 | 4 | 9/30/94 | 8082.16 | 2519.84 | 10602 | 559.83 | 35.01 | 7900.72 | 2463.27 | 112.45 | 35.06 | 147.51 | 0.64 | 231.44 | 32.42 | 2.57 | 0.55 | 328.39 | 38.18 | 290.21 | 51.84 |
| 1111 | 5-4312 | 54312 | 4 | 9/30/94 | 8082.16 | 2519.84 | 10602 | 559.83 | 35.01 | 7915.41 | 2467.83 | 107.03 | 33.37 | 140.4 | 0.52 | 247.33 | 32.62 | 2.28 | 0.56 | 312.5 | 36.21 | 276.29 | 49.35 |
| 1112 | 5-0767 | 50767 | 4 | 9/30/94 | 8932.7 | 2486.3 | 11419 | 552.38 | 34.55 | 8585.12 | 2389.55 | 152.01 | 42.31 | 194.32 | 2.65 | 104.3 | 30.31 | 5.41 | 0.64 | 448.08 | 48.36 | 399.72 | 72.36 |
| 1113 | 2-5762 | 25762 | 8 | 9/30/94 | 6115.3 | 0 | 6115.3 | 552.11 | 34.81 | 3940.66 | 2070.2 | 54.11 | 28.43 | 82.54 | 0.13 | 372.63 | 32.17 | 1.56 | 1.16 | 179.48 | 31.15 | 148.33 | 26.87 |
| 1114 | 5-0227 | 50227 | 5 | 9/30/94 | 8836.47 | 2469.53 | 11306 | 548.65 | 34.32 | 8509.13 | 2378.04 | 148.13 | 41.4 | 189.53 | 2.34 | 112.27 | 30.32 | 5.02 | 0.61 | 436.38 | 47.03 | 389.35 | 70.97 |
| 1115 | 5-1379 | 51379 | 5 | 9/30/94 | 8836.47 | 2469.53 | 11306 | 548.65 | 34.32 | 8663.44 | 2421.17 | 109.59 | 30.63 | 140.22 | 0.52 | 234.69 | 32.19 | 2.06 | 0.48 | 313.96 | 33.17 | 280.79 | 51.18 |
| 1116 | 5-1569 | 51569 | 5 | 9/30/94 | 8836.47 | 2469.53 | 11306 | 548.65 | 34.32 | 8568.32 | 2394.59 | 138.08 | 38.59 | 176.67 | 1.49 | 151.35 | 31.01 | 3.89 | 0.55 | 397.3 | 43.03 | 354.27 | 64.57 |
| 1117 | 5-1141 | 51141 | 6 | 9/30/94 | 8836.47 | 2469.53 | 11306 | 548.65 | 34.32 | 8512.45 | 2378.94 | 149.43 | 41.76 | 191.19 | 2.29 | 116.85 | 30.34 | 4.96 | 0.61 | 431.8 | 47.33 | 384.47 | 70.08 |
| 1118 | 5-1414 | 51414 | 6 | 9/30/94 | 8836.47 | 2469.53 | 11306 | 548.65 | 34.32 | 8575.66 | 2396.63 | 137.74 | 38.5 | 176.24 | 1.4 | 159.9 | 31.08 | 3.74 | 0.55 | 388.75 | 42.79 | 345.96 | 63.06 |
| 1119 | 5-1731 | 51731 | 6 | 9/30/94 | 8836.47 | 2469.53 | 11306 | 548.65 | 34.32 | 8670.16 | 2423.05 | 107.92 | 30.16 | 138.08 | 0.47 | 245.89 | 32.26 | 1.94 | 0.47 | 302.76 | 32.57 | 270.19 | 49.25 |
| 1120 | 2-4068 | 24068 | 8 | 9/30/94 | 6123.57 | 0 | 6123.57 | 548.60 | 34.59 | 3898.54 | 2024.3 | 77.96 | 40.48 | 118.44 | 0.84 | 216.75 | 29.98 | 4.68 | 1.01 | 331.85 | 46.17 | 285.68 | 52.07 |
| 1121 | 2-4170 | 24170 | 8 | 9/30/94 | 6123.57 | 0 | 6123.57 | 548.60 | 34.59 | 3952.89 | 2052.53 | 58.66 | 30.46 | 89.12 | 0.2 | 340.32 | 31.75 | 1.9 | 1.05 | 208.28 | 33.41 | 174.87 | 31.88 |
| 1122 | 2-5812 | 25812 | 8 | 9/30/94 | 6123.57 | 0 | 6123.57 | 548.60 | 34.59 | 3909.49 | 2029.96 | 75.25 | 39.07 | 114.32 | 0.7 | 238.3 | 30.32 | 4.11 | 1.01 | 310.3 | 44.19 | 266.11 | 48.51 |
| 1123 | 1-0081 | 10081 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7101.19 | 2350.34 | 158.29 | 52.39 | 210.68 | 3.03 | 114.12 | 28.77 | 7.07 | 0.87 | 433.6 | 60.33 | 373.27 | 68.15 |
| 1124 | 1-0096 | 10096 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7103.75 | 2351.18 | 157.12 | 52 | 209.12 | 3.01 | 115.04 | 28.79 | 7 | 0.86 | 432.68 | 59.86 | 372.82 | 68.07 |
| 1125 | 1-0325 | 10325 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7082.27 | 2344.07 | 157.1 | 52 | 209.1 | 3.39 | 100.38 | 28.55 | 7.38 | 0.86 | 447.34 | 60.24 | 387.1 | 70.67 |
| 1126 | 1-0847 | 10847 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7082.27 | 2344.07 | 157.1 | 52 | 209.1 | 3.39 | 100.38 | 28.55 | 7.38 | 0.86 | 447.34 | 60.24 | 387.1 | 70.67 |
| 1127 | 1-0899 | 10899 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7115.77 | 2355.16 | 156.96 | 51.95 | 208.91 | 2.78 | 123.29 | 28.95 | 6.76 | 0.86 | 424.43 | 59.57 | 364.86 | 66.61 |
| 1128 | 1-0966 | 10966 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7092.67 | 2347.51 | 156.72 | 51.87 | 208.59 | 3.2 | 106.94 | 28.68 | 7.18 | 0.85 | 440.78 | 59.9 | 380.88 | 69.54 |
| 1129 | 1-1002 | 11002 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7103.75 | 2351.18 | 157.12 | 52 | 209.12 | 3.01 | 115.04 | 28.79 | 7 | 0.86 | 432.68 | 59.86 | 372.82 | 68.07 |
| 1130 | 1-1588 | 11588 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7087.57 | 2345.84 | 159.54 | 52.8 | 212.34 | 3.33 | 104.45 | 28.6 | 7.43 | 0.89 | 443.27 | 61.12 | 382.15 | 69.77 |
| 1131 | 1-2301 | 12301 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7087.57 | 2345.84 | 159.54 | 52.8 | 212.34 | 3.33 | 104.45 | 28.6 | 7.43 | 0.89 | 443.27 | 61.12 | 382.15 | 69.77 |
| 1132 | 1-2522 | 12522 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7115.77 | 2355.16 | 156.96 | 51.95 | 208.91 | 2.78 | 123.29 | 28.95 | 6.76 | 0.86 | 424.43 | 59.57 | 364.86 | 66.61 |
| 1133 | 1-2861 | 12861 | 4 | 9/30/94 | 7448.67 | 2465.33 | 9914 | 547.72 | 34.26 | 7101.19 | 2350.34 | 158.29 | 52.39 | 210.68 | 3.03 | 114.12 | 28.77 | 7.07 | 0.87 | 433.6 | 60.33 | 373.27 | 68.15 |
| 1134 | 5-2033 | 52033 | 4 | 9/30/94 | 8981.67 | 2465.33 | 11447 | 547.72 | 34.26 | 8651.73 | 2374.77 | 150.72 | 41.37 | 192.09 | 2.34 | 114.97 | 30.28 | 4.98 | 0.62 | 432.75 | 46.97 | 385.78 | 70.43 |
| 1135 | 5-2191 | 52191 | 3 | 3/31/86 | 11181.86 | 2461.14 | 13643 | 546.79 | 34.2 | 10911.59 | 2401.66 | 152.68 | 33.61 | 186.29 | 1.24 | 179.43 | 31.56 | 2.98 | 0.51 | 367.36 | 37.1 | 330.26 | 60.40 |
| 1136 | 5-2908 | 52908 | 3 | 3/31/86 | 11192.86 | 2461.14 | 13654 | 546.79 | 34.2 | 10918.75 | 2400.87 | 154.53 | 33.98 | 188.51 | 1.27 | 178.06 | 31.51 | 3.07 | 0.52 | 368.73 | 37.57 | 331.16 | 60.56 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1137 | 5-2054 | 52054 | 4 | 9/30/94 | 8975.05 | 2456.95 | 11432 | 545.86 | 34.14 | 8662.5 | 2371.41 | 147.76 | 40.45 | 188.21 | 2.08 | 124.55 | 30.37 | 4.63 | 0.59 | 421.31 | 45.67 | 375.64 | 68.82 |
| 1138 | 1-0041 | 10041 | 5 | 9/30/94 | 7372.24 | 2452.76 | 9825 | 544.93 | 34.08 | 6994.02 | 2326.93 | 158.19 | 52.63 | 210.82 | 3.69 | 92.1 | 28.2 | 7.77 | 0.89 | 452.83 | 61.29 | 391.54 | 71.85 |
| 1139 | 1-0124 | 10124 | 5 | 9/30/94 | 7372.24 | 2452.76 | 9825 | 544.93 | 34.08 | 7016.89 | 2334.54 | 158.67 | 52.79 | 211.46 | 3.2 | 107.44 | 28.45 | 7.36 | 0.89 | 437.49 | 61.04 | 376.45 | 69.08 |
| 1140 | 1-0759 | 10759 | 5 | 9/30/94 | 7372.24 | 2452.76 | 9825 | 544.93 | 34.08 | 7008.01 | 2331.59 | 157.06 | 52.25 | 209.31 | 3.38 | 99.78 | 28.38 | 7.43 | 0.87 | 445.15 | 60.55 | 384.6 | 70.58 |
| 1141 | 1-0875 | 10875 | 5 | 9/30/94 | 7372.24 | 2452.76 | 9825 | 544.93 | 34.08 | 7008.29 | 2331.68 | 156.02 | 51.91 | 207.93 | 3.36 | 99.41 | 28.39 | 7.38 | 0.85 | 445.52 | 60.14 | 385.38 | 70.72 |
| 1142 | 1-1195 | 11195 | 5 | 9/30/94 | 7372.24 | 2452.76 | 9825 | 544.93 | 34.08 | 7008.01 | 2331.59 | 157.06 | 52.25 | 209.31 | 3.38 | 99.78 | 28.38 | 7.43 | 0.87 | 445.15 | 60.55 | 384.6 | 70.58 |
| 1143 | 1-0387 | 10387 | 6 | 9/30/94 | 7313.24 | 2452.76 | 9766 | 544.93 | 34.08 | 6984.77 | 2342.58 | 154.11 | 51.69 | 205.8 | 2.76 | 121.61 | 28.8 | 6.73 | 0.86 | 423.32 | 59.28 | 364.04 | 66.80 |
| 1144 | 1-0399 | 10399 | 6 | 9/30/94 | 7313.24 | 2452.76 | 9766 | 544.93 | 34.08 | 6984.77 | 2342.58 | 154.11 | 51.69 | 205.8 | 2.76 | 121.61 | 28.8 | 6.73 | 0.86 | 423.32 | 59.28 | 364.04 | 66.80 |
| 1145 | 1-0631 | 10631 | 6 | 9/30/94 | 7372.24 | 2452.76 | 9825 | 544.93 | 34.08 | 7035.3 | 2340.66 | 153.8 | 51.17 | 204.97 | 2.86 | 116.79 | 28.73 | 6.77 | 0.83 | 428.14 | 58.77 | 369.37 | 67.78 |
| 1146 | 1-0964 | 10964 | 6 | 9/30/94 | 7372.24 | 2452.76 | 9825 | 544.93 | 34.08 | 7036.99 | 2341.22 | 155.25 | 51.65 | 206.9 | 2.88 | 115.94 | 28.77 | 6.88 | 0.87 | 428.99 | 59.4 | 369.59 | 67.82 |
| 1147 | 1-1407 | 11407 | 6 | 9/30/94 | 7313.24 | 2452.76 | 9766 | 544.93 | 34.08 | 6963.19 | 2335.35 | 152.53 | 51.16 | 203.69 | 3.18 | 103.41 | 28.58 | 7.09 | 0.84 | 441.52 | 59.09 | 382.43 | 70.18 |
| 1148 | 1-2322 | 12322 | 6 | 9/30/94 | 7372.24 | 2452.76 | 9825 | 544.93 | 34.08 | 7011.15 | 2332.62 | 156.76 | 52.16 | 208.92 | 3.34 | 100.95 | 28.42 | 7.39 | 0.87 | 443.98 | 60.42 | 383.56 | 70.39 |
| 1149 | 1-2467 | 12467 | 6 | 9/30/94 | 7313.24 | 2452.76 | 9766 | 544.93 | 34.08 | 6963.19 | 2335.35 | 152.53 | 51.16 | 203.69 | 3.18 | 103.41 | 28.58 | 7.09 | 0.84 | 441.52 | 59.09 | 382.43 | 70.18 |
| 1150 | 1-1430 | 11430 | 4 | 9/30/94 | 7525.63 | 2444.37 | 9970 | 543.06 | 33.97 | 7245.32 | 2353.32 | 146.82 | 47.69 | 194.51 | 1.88 | 154.5 | 29.58 | 5.26 | 0.77 | 388.56 | 53.72 | 334.84 | 61.66 |
| 1151 | 1-1611 | 11611 | 4 | 9/30/94 | 7525.63 | 2444.37 | 9970 | 543.06 | 33.97 | 7165.95 | 2327.54 | 158.34 | 51.43 | 209.77 | 3.23 | 106.03 | 28.43 | 7.12 | 0.84 | 437.03 | 59.39 | 377.64 | 69.54 |
| 1152 | 1-1781 | 11781 | 4 | 9/30/94 | 7525.63 | 2444.37 | 9970 | 543.06 | 33.97 | 7220.11 | 2345.17 | 150.66 | 48.94 | 199.6 | 2.29 | 134.32 | 29.26 | 5.87 | 0.79 | 408.74 | 55.6 | 353.14 | 65.03 |
| 1153 | 5-0803 | 50803 | 5 | 9/30/94 | 8917.63 | 2444.37 | 11362 | 543.06 | 33.97 | 8753.53 | 2399.38 | 106.93 | 29.31 | 136.24 | 0.44 | 246.59 | 31.98 | 1.84 | 0.46 | 296.47 | 31.61 | 264.86 | 48.77 |
| 1154 | 5-0830 | 50830 | 5 | 9/30/94 | 8890.63 | 2444.37 | 11335 | 543.06 | 33.97 | 8559.04 | 2353.2 | 151.06 | 41.53 | 192.59 | 2.39 | 112.02 | 29.95 | 5.06 | 0.62 | 431.04 | 47.21 | 383.83 | 70.68 |
| 1155 | 5-0861 | 50861 | 5 | 9/30/94 | 8896.63 | 2444.37 | 11341 | 543.06 | 33.97 | 8585.12 | 2358.79 | 146.91 | 40.37 | 187.28 | 2.08 | 123.9 | 30.19 | 4.6 | 0.58 | 419.16 | 45.55 | 373.61 | 68.80 |
| 1156 | 5-1092 | 51092 | 5 | 9/30/94 | 8895.63 | 2444.37 | 11340 | 543.06 | 33.97 | 8624.95 | 2370 | 140.28 | 38.55 | 178.83 | 1.51 | 151.32 | 30.66 | 3.89 | 0.56 | 391.74 | 43 | 348.74 | 64.22 |
| 1157 | 5-1845 | 51845 | 5 | 9/30/94 | 8917.63 | 2444.37 | 11362 | 543.06 | 33.97 | 8742.65 | 2396.42 | 111.3 | 30.51 | 141.81 | 0.53 | 233.66 | 31.85 | 2.06 | 0.48 | 309.4 | 33.05 | 276.35 | 50.89 |
| 1158 | 5-2504 | 52504 | 5 | 9/30/94 | 8895.63 | 2444.37 | 11340 | 543.06 | 33.97 | 8641.51 | 2374.55 | 135.96 | 37.36 | 173.32 | 1.3 | 164.63 | 30.86 | 3.52 | 0.53 | 378.43 | 41.41 | 337.02 | 62.06 |
| 1159 | 5-0679 | 50679 | 6 | 9/30/94 | 8917.63 | 2444.37 | 11362 | 543.06 | 33.97 | 8734.55 | 2394.17 | 113.75 | 31.18 | 144.93 | 0.59 | 223.66 | 31.75 | 2.19 | 0.47 | 319.4 | 33.84 | 285.56 | 52.58 |
| 1160 | 5-0741 | 50741 | 6 | 9/30/94 | 8895.63 | 2444.37 | 11340 | 543.06 | 33.97 | 8627.1 | 2370.59 | 139.08 | 38.22 | 177.3 | 1.48 | 152.61 | 30.7 | 3.79 | 0.54 | 390.45 | 42.55 | 347.9 | 64.06 |
| 1161 | 5-1047 | 51047 | 6 | 9/30/94 | 8896.63 | 2444.37 | 11341 | 543.06 | 33.97 | 8568.49 | 2354.21 | 149.02 | 40.94 | 189.96 | 2.33 | 113.19 | 30.02 | 4.9 | 0.59 | 429.87 | 46.43 | 383.44 | 70.61 |
| 1162 | 5-1124 | 51124 | 6 | 9/30/94 | 8895.63 | 2444.37 | 11340 | 543.06 | 33.97 | 8612.66 | 2366.62 | 141.77 | 38.96 | 180.73 | 1.68 | 141.6 | 30.53 | 4.09 | 0.55 | 401.46 | 43.6 | 357.86 | 65.90 |
| 1163 | 5-1853 | 51853 | 6 | 9/30/94 | 8890.63 | 2444.37 | 11335 | 543.06 | 33.97 | 8543.42 | 2348.91 | 151.63 | 41.69 | 193.32 | 2.64 | 103.03 | 29.78 | 5.29 | 0.62 | 440.03 | 47.6 | 392.43 | 72.26 |
| 1164 | 5-1884 | 51884 | 6 | 9/30/94 | 8917.63 | 2444.37 | 11362 | 543.06 | 33.97 | 8743.93 | 2396.77 | 110.55 | 30.3 | 140.85 | 0.52 | 235.13 | 31.87 | 2.01 | 0.46 | 307.93 | 32.77 | 275.16 | 50.67 |
| 1165 | 1-0203 | 10203 | 4 | 9/30/94 | 7392.01 | 2435.99 | 9828 | 541.20 | 33.85 | 7091.92 | 2337.13 | 147.99 | 48.77 | 196.76 | 2.25 | 133.86 | 29.16 | 5.85 | 0.79 | 407.34 | 55.41 | 351.93 | 65.03 |
| 1166 | 2-1500 | 21500 | 7 | 9/30/94 | 6355 | 0 | 6355 | 540.00 | 0 | 4262.24 | 1840.7 | 88.68 | 38.3 | 126.98 | 1.43 | 149.55 | 26.82 | 5.33 | 0.81 | 390.45 | 44.44 | 346.01 | 64.08 |
| 1167 | 5-0427 | 50427 | 3 | 3/31/86 | 10882.4 | 2427.6 | 13310 | 539.34 | 33.73 | 10604.66 | 2365.64 | 152.04 | 33.92 | 185.96 | 1.36 | 166.28 | 31.01 | 3.14 | 0.51 | 373.06 | 37.57 | 335.49 | 62.20 |
| 1168 | 1-0232 | 10232 | 5 | 9/30/94 | 7435.4 | 2427.6 | 9863 | 539.34 | 33.73 | 7077 | 2310.6 | 160.03 | 52.25 | 212.28 | 3.23 | 106.34 | 28.16 | 7.28 | 0.88 | 433 | 60.41 | 372.59 | 69.08 |
| 1169 | 1-0313 | 10313 | 5 | 9/30/94 | 7435.4 | 2427.6 | 9863 | 539.34 | 33.73 | 7073.3 | 2309.38 | 158.8 | 51.85 | 210.65 | 3.3 | 102.29 | 28.14 | 7.32 | 0.86 | 437.05 | 60.03 | 377.02 | 69.90 |
| 1170 | 1-0902 | 10902 | 5 | 9/30/94 | 7435.4 | 2427.6 | 9863 | 539.34 | 33.73 | 7073.3 | 2309.38 | 158.8 | 51.85 | 210.65 | 3.3 | 102.29 | 28.14 | 7.32 | 0.86 | 437.05 | 60.03 | 377.02 | 69.90 |
| 1171 | 1-2397 | 12397 | 5 | 9/30/94 | 7435.4 | 2427.6 | 9863 | 539.34 | 33.73 | 7081.8 | 2312.16 | 157.65 | 51.47 | 209.12 | 3.13 | 107.69 | 28.25 | 7.05 | 0.85 | 431.65 | 59.37 | 372.28 | 69.03 |
| 1172 | 1-2409 | 12409 | 5 | 9/30/94 | 7435.4 | 2427.6 | 9863 | 539.34 | 33.73 | 7053.94 | 2303.07 | 159.55 | 52.09 | 211.64 | 3.73 | 91.16 | 27.91 | 7.69 | 0.88 | 448.18 | 60.66 | 387.52 | 71.85 |
| 1173 | 1-0321 | 10321 | 6 | 9/30/94 | 7705.59 | 2423.41 | 10129 | 538.41 | 33.67 | 7328.17 | 2304.71 | 163.85 | 51.53 | 215.38 | 3.49 | 99.74 | 28.08 | 7.3 | 0.86 | 438.67 | 59.69 | 378.98 | 70.39 |
| 1174 | 1-1281 | 11281 | 6 | 9/30/94 | 7705.59 | 2423.41 | 10129 | 538.41 | 33.67 | 7353.42 | 2312.66 | 160.75 | 50.56 | 211.31 | 2.99 | 115.39 | 28.38 | 6.68 | 0.82 | 423.02 | 58.06 | 364.96 | 67.78 |
| 1175 | 1-1665 | 11665 | 6 | 9/30/94 | 7705.59 | 2423.41 | 10129 | 538.41 | 33.67 | 7336.99 | 2307.49 | 162.95 | 51.25 | 214.2 | 3.3 | 105.22 | 28.19 | 7.09 | 0.84 | 433.19 | 59.18 | 374.01 | 69.47 |
| 1176 | 2-2056 | 22056 | 7 | 9/30/94 | 6249 | 0 | 6249 | 537.00 | 0 | 4214.61 | 1852.81 | 81.96 | 36.03 | 117.99 | 0.61 | 231.07 | 27.73 | 3.58 | 1.03 | 305.93 | 40.64 | 265.29 | 49.40 |
| 1177 | 2-2266 | 22266 | 7 | 9/30/94 | 6249 | 0 | 6249 | 537.00 | 0 | 4154.72 | 1826.48 | 91.35 | 40.16 | 131.51 | 1.63 | 136.35 | 26.28 | 6.13 | 0.91 | 400.65 | 47.2 | 353.45 | 65.82 |
| 1178 | 2-4131 | 24131 | 7 | 9/30/94 | 6249 | 0 | 6249 | 537.00 | 0 | 4205.57 | 1848.83 | 83.15 | 36.55 | 119.7 | 0.74 | 209.39 | 27.6 | 3.87 | 0.89 | 327.61 | 41.31 | 286.30 | 53.31 |
| 1179 | 2-4527 | 24527 | 7 | 9/30/94 | 6249 | 0 | 6249 | 537.00 | 0 | 4225.52 | 1857.61 | 73.07 | 32.12 | 105.19 | 0.52 | 229.19 | 28.05 | 3.16 | 0.89 | 307.81 | 36.17 | 271.64 | 50.58 |
| 1180 | 2-5720 | 25720 | 7 | 9/30/94 | 6249 | 0 | 6249 | 537.00 | 0 | 4207.37 | 1849.59 | 77.86 | 34.23 | 112.09 | 0.76 | 193.06 | 27.6 | 4.02 | 0.88 | 343.94 | 39.13 | 304.81 | 56.76 |
| 1181 | 2-5738 | 25738 | 7 | 9/30/94 | 6249 | 0 | 6249 | 537.00 | 0 | 4181.15 | 1838.1 | 87.23 | 38.35 | 125.58 | 1.13 | 172.19 | 26.91 | 4.94 | 0.89 | 364.81 | 44.18 | 320.63 | 59.71 |
| 1182 | 2-5820 | 25820 | 7 | 9/30/94 | 6249 | 0 | 6249 | 537.00 | 0 | 4247.2 | 1867.12 | 66.85 | 29.39 | 96.24 | 0.29 | 276.55 | 28.61 | 2.32 | 1.01 | 260.45 | 32.72 | 227.73 | 42.41 |
| 1183 | 2-6074 | 26074 | 7 | 9/30/94 | 6249 | 0 | 6249 | 537.00 | 0 | 4139.76 | 1819.89 | 90.39 | 39.74 | 130.13 | 2.04 | 119.67 | 26.02 | 6.39 | 0.92 | 417.33 | 47.05 | 370.28 | 68.95 |
| 1184 | 1-2507 | 12507 | 6 | 9/30/94 | 7612.17 | 2410.83 | 10023 | 535.61 | 33.5 | 7306.01 | 2313.87 | 148.57 | 47.05 | 195.62 | 2.28 | 129.89 | 28.95 | 5.6 | 0.73 | 405.72 | 53.38 | 352.34 | 65.78 |
| 1185 | 1-0032 | 10032 | 4 | 9/30/94 | 7531.36 | 2406.64 | 9938 | 534.68 | 33.44 | 7236.22 | 2312.31 | 148.4 | 47.42 | 195.82 | 2.11 | 139.45 | 28.95 | 5.48 | 0.75 | 395.23 | 53.65 | 341.58 | 63.88 |
| 1186 | 1-0625 | 10625 | 4 | 9/30/94 | 7377.36 | 2406.64 | 9784 | 534.68 | 33.44 | 7085.83 | 2311.53 | 144.5 | 47.14 | 191.64 | 2.08 | 136.34 | 28.95 | 5.47 | 0.73 | 398.34 | 53.34 | 345 | 64.52 |
| 1187 | 1-2252 | 12252 | 4 | 9/30/94 | 7531.36 | 2406.64 | 9938 | 534.68 | 33.44 | 7227.14 | 2309.42 | 147.73 | 47.21 | 194.94 | 2.22 | 129.98 | 28.87 | 5.62 | 0.73 | 404.7 | 53.56 | 351.14 | 65.67 |
| 1188 | 5-0893 | 50893 | 4 | 9/30/94 | 8775.36 | 2406.64 | 11182 | 534.68 | 33.44 | 8599.43 | 2358.39 | 110.34 | 30.26 | 140.6 | 0.55 | 222.76 | 31.34 | 2.09 | 0.47 | 311.92 | 32.82 | 279.1 | 52.20 |
| 1189 | 5-2176 | 52176 | 4 | 9/30/94 | 8775.36 | 2406.64 | 11182 | 534.68 | 33.44 | 8605 | 2359.92 | 108.51 | 29.76 | 138.27 | 0.5 | 231.01 | 31.4 | 1.97 | 0.46 | 303.67 | 32.19 | 271.48 | 50.77 |
| 1190 | 5-2626 | 52626 | 4 | 9/30/94 | 8775.36 | 2406.64 | 11182 | 534.68 | 33.44 | 8498.91 | 2330.83 | 138.98 | 38.12 | 177.1 | 1.62 | 138.77 | 30.12 | 3.99 | 0.55 | 395.91 | 42.66 | 353.25 | 66.07 |
| 1191 | 5-2764 | 52764 | 4 | 9/30/94 | 8775.36 | 2406.64 | 11182 | 534.68 | 33.44 | 8511.55 | 2334.31 | 136.86 | 37.53 | 174.39 | 1.44 | 149.92 | 30.26 | 3.72 | 0.54 | 384.76 | 41.79 | 342.97 | 64.14 |
| 1192 | 1-0073 | 10073 | 5 | 9/30/94 | 7371.36 | 2406.64 | 9778 | 534.68 | 33.44 | 7007.45 | 2287.83 | 156 | 50.93 | 206.93 | 3.36 | 97.54 | 27.86 | 7.24 | 0.83 | 437.14 | 59 | 378.14 | 70.72 |
| 1193 | 1-2706 | 12706 | 5 | 9/30/94 | 7371.36 | 2406.64 | 9778 | 534.68 | 33.44 | 7020.81 | 2292.2 | 156.29 | 51.03 | 207.32 | 3.1 | 106.76 | 28.01 | 6.99 | 0.84 | 427.92 | 58.86 | 369.06 | 69.02 |
| 1194 | 1-2874 | 12874 | 5 | 9/30/94 | 7371.36 | 2406.64 | 9778 | 534.68 | 33.44 | 7056.33 | 2303.78 | 148.11 | 48.36 | 196.47 | 2.48 | 118.87 | 28.63 | 6.08 | 0.76 | 415.81 | 55.2 | 360.61 | 67.44 |
| 1195 | 1-0511 | 10511 | 6 | 9/30/94 | 7371.36 | 2406.64 | 9778 | 534.68 | 33.44 | 7018.75 | 2291.52 | 155.88 | 50.89 | 206.77 | 3.16 | 104.49 | 27.99 | 7.04 | 0.83 | 430.19 | 58.76 | 371.43 | 69.47 |
| 1196 | 1-2227 | 12227 | 6 | 9/30/94 | 7531.36 | 2406.64 | 9938 | 534.68 | 33.44 | 7188.87 | 2297.19 | 158.61 | 50.68 | 209.29 | 2.95 | 113.76 | 28.23 | 6.75 | 0.86 | 420.92 | 58.29 | 362.63 | 67.82 |
| 1197 | 1-2786 | 12786 | 6 | 9/30/94 | 7371.36 | 2406.64 | 9778 | 534.68 | 33.44 | 7095.46 | 2316.56 | 143.79 | 46.94 | 190.73 | 1.85 | 150.61 | 29.13 | 5.18 | 0.75 | 384.07 | 52.87 | 331.2 | 61.94 |
| 1198 | 1-1348 | 11348 | 4 | 9/30/94 | 7411.56 | 2402.44 | 9814 | 533.75 | 33.38 | 7135.5 | 2312.95 | 144.6 | 46.87 | 191.47 | 1.85 | 151.85 | 29.07 | 5.17 | 0.76 | 381.9 | 52.8 | 329.1 | 61.66 |
| 1199 | 2-1383 | 21383 | 9 | 9/30/94 | 4989.5 | 2031.58 | 7021.08 | 532.49 | 32.61 | 4930.11 | 2007.37 | 46.97 | 19.12 | 66.09 | 0.1 | 348.45 | 31.13 | 0.98 | 0.62 | 184.04 | 20.72 | 163.32 | 30.67 |
| 1200 | 2-5430 | 25430 | 9 | 9/30/94 | 4989.5 | 2031.58 | 7021.08 | 532.49 | 32.61 | 4930.35 | 2007.48 | 46.57 | 18.96 | 65.53 | 0.09 | 346.61 | 31.17 | 0.95 | 0.58 | 185.88 | 20.49 | 165.39 | 31.06 |
| 1201 | 2-5778 | 25778 | 9 | 9/30/94 | 4989.5 | 2031.58 | 7021.08 | 532.49 | 32.61 | 4943.86 | 2012.97 | 38.24 | 15.57 | 53.81 | 0.05 | 378.07 | 31.47 | 0.63 | 0.59 | 154.42 | 16.79 | 137.63 | 25.85 |
| 1202 | 1-0290 | 10290 | 6 | 9/30/94 | 7320.94 | 2394.06 | 9715 | 531.89 | 33.27 | 7040.02 | 2302.19 | 143.78 | 47.02 | 190.8 | 1.96 | 142.15 | 28.91 | 5.35 | 0.76 | 389.74 | 53.13 | 336.61 | 63.29 |
| 1203 | 1-0848 | 10848 | 6 | 9/30/94 | 7320.94 | 2394.06 | 9715 | 531.89 | 33.27 | 7040.02 | 2302.19 | 143.78 | 47.02 | 190.8 | 1.96 | 142.15 | 28.91 | 5.35 | 0.76 | 389.74 | 53.13 | 336.61 | 63.29 |
| 1204 | 1-2451 | 12451 | 6 | 9/30/94 | 7320.94 | 2394.06 | 9715 | 531.89 | 33.27 | 7046.92 | 2304.45 | 142.8 | 46.7 | 189.5 | 1.84 | 149.83 | 28.98 | 5.15 | 0.75 | 382.06 | 52.6 | 329.46 | 61.94 |
| 1205 | 5-1038 | 51038 | 4 | 9/30/94 | 8729.13 | 2389.87 | 11119 | 530.95 | 33.21 | 8479.68 | 2321.56 | 133.44 | 36.53 | 169.97 | 1.27 | 159.37 | 30.19 | 3.44 | 0.52 | 371.58 | 40.49 | 331.09 | 62.36 |
| 1206 | 5-2137 | 52137 | 4 | 9/30/94 | 8729.13 | 2389.87 | 11119 | 530.95 | 33.21 | 8569.01 | 2346.04 | 104.33 | 28.56 | 132.89 | 0.43 | 240.07 | 31.3 | 1.79 | 0.45 | 290.88 | 30.8 | 260.08 | 48.98 |
| 1207 | 1-1830 | 11830 | 5 | 9/30/94 | 7359.13 | 2389.87 | 9749 | 530.95 | 33.21 | 7062.9 | 2293.67 | 146.24 | 47.49 | 193.73 | 2.14 | 132.61 | 28.66 | 5.61 | 0.74 | 398.34 | 53.84 | 344.5 | 64.88 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1208 | 5-0693 | 50693 | 5 | 9/30/94 | 9514.13 | 2389.87 | 11904 | 530.95 | 33.21 | 9194.67 | 2309.61 | 146.34 | 36.76 | 183.1 | 2.08 | 111.59 | 29.87 | 4.12 | 0.5 | 419.36 | 41.38 | 377.98 | 71.19 |
| 1209 | 5-1935 | 51935 | 5 | 9/30/94 | 9506.13 | 2389.87 | 11896 | 530.95 | 33.21 | 9193.39 | 2311.24 | 146.07 | 36.72 | 182.79 | 1.98 | 113.4 | 29.96 | 4.1 | 0.51 | 417.55 | 41.33 | 376.22 | 70.86 |
| 1210 | 5-2590 | 52590 | 5 | 9/30/94 | 9514.13 | 2389.87 | 11904 | 530.95 | 33.21 | 9196.71 | 2310.12 | 146.44 | 36.78 | 183.22 | 2.05 | 111.69 | 29.9 | 4.12 | 0.5 | 419.26 | 41.4 | 377.86 | 71.17 |
| 1211 | 5-0709 | 50709 | 6 | 9/30/94 | 9506.13 | 2389.87 | 11896 | 530.95 | 33.21 | 9198.79 | 2312.59 | 144.6 | 36.35 | 180.95 | 1.92 | 117.87 | 30.01 | 3.93 | 0.49 | 413.08 | 40.77 | 372.31 | 70.12 |
| 1212 | 5-0988 | 50988 | 6 | 9/30/94 | 9514.13 | 2389.87 | 11904 | 530.95 | 33.21 | 9181.2 | 2306.24 | 147.94 | 37.16 | 185.1 | 2.27 | 103.4 | 29.76 | 4.32 | 0.5 | 427.55 | 41.98 | 385.57 | 72.62 |
| 1213 | 5-1395 | 51395 | 6 | 9/30/94 | 9514.13 | 2389.87 | 11904 | 530.95 | 33.21 | 9182.48 | 2306.55 | 147.79 | 37.12 | 184.91 | 2.26 | 103.97 | 29.76 | 4.34 | 0.51 | 426.98 | 41.97 | 385.01 | 72.51 |
| 1214 | 1-1813 | 11813 | 5 | 9/30/94 | 7365.52 | 2381.48 | 9747 | 529.09 | 33.09 | 7070.86 | 2286.22 | 147.31 | 47.63 | 194.94 | 2.11 | 135.27 | 28.56 | 5.6 | 0.75 | 393.82 | 53.98 | 339.84 | 64.23 |
| 1215 | 5-1661 | 51661 | 5 | 9/30/94 | 9805.52 | 2381.48 | 12187 | 529.09 | 33.09 | 9539.62 | 2316.91 | 139.67 | 33.92 | 173.59 | 1.33 | 151 | 30.36 | 3.16 | 0.46 | 378.09 | 37.54 | 340.55 | 64.37 |
| 1216 | 1-1581 | 11581 | 6 | 9/30/94 | 7365.52 | 2381.48 | 9747 | 529.09 | 33.09 | 7069.28 | 2285.7 | 143.76 | 46.48 | 190.24 | 2.2 | 128.31 | 28.6 | 5.53 | 0.72 | 400.78 | 52.73 | 348.05 | 65.78 |
| 1217 | 5-0638 | 50638 | 6 | 9/30/94 | 9805.52 | 2381.48 | 12187 | 529.09 | 33.09 | 9531.31 | 2314.88 | 140.96 | 34.24 | 175.2 | 1.42 | 144.35 | 30.29 | 3.29 | 0.46 | 384.74 | 37.99 | 346.75 | 65.54 |
| 1218 | 5-1419 | 51419 | 6 | 9/30/94 | 9805.52 | 2381.48 | 12187 | 529.09 | 33.09 | 9528.75 | 2314.26 | 141.69 | 34.41 | 176.1 | 1.45 | 143.18 | 30.27 | 3.31 | 0.45 | 385.91 | 38.17 | 347.74 | 65.72 |
| 1219 | 1-0824 | 10824 | 3 | 3/31/86 | 8747.71 | 2377.29 | 11125 | 528.16 | 33.03 | 8526.74 | 2317.24 | 137.96 | 37.49 | 175.45 | 0.91 | 216.43 | 30.04 | 3.08 | 0.69 | 311.73 | 41.26 | 270.47 | 51.21 |
| 1220 | 1-0975 | 10975 | 3 | 3/31/86 | 8747.71 | 2377.29 | 11125 | 528.16 | 33.03 | 8492.3 | 2307.88 | 148.99 | 40.49 | 189.48 | 1.3 | 187.48 | 29.6 | 3.79 | 0.69 | 340.68 | 44.97 | 295.71 | 55.99 |
| 1221 | 1-1872 | 11872 | 3 | 3/31/86 | 8747.71 | 2377.29 | 11125 | 528.16 | 33.03 | 8521.41 | 2315.79 | 140.32 | 38.13 | 178.45 | 0.96 | 214.53 | 29.96 | 3.17 | 0.69 | 313.63 | 41.99 | 271.64 | 51.43 |
| 1222 | 1-2174 | 12174 | 3 | 3/31/86 | 8747.71 | 2377.29 | 11125 | 528.16 | 33.03 | 8521.41 | 2315.79 | 140.32 | 38.13 | 178.45 | 0.96 | 214.53 | 29.96 | 3.17 | 0.69 | 313.63 | 41.99 | 271.64 | 51.43 |
| 1223 | 5-2048 | 52048 | 5 | 9/30/94 | 9779.71 | 2377.29 | 12157 | 528.16 | 33.03 | 9512.33 | 2312.3 | 139.56 | 33.93 | 173.49 | 1.34 | 149.54 | 30.29 | 3.16 | 0.45 | 378.62 | 37.54 | 341.08 | 64.58 |
| 1224 | 1-0932 | 10932 | 3 | 3/31/86 | 8621.29 | 2364.71 | 10986 | 525.37 | 32.86 | 8398.26 | 2303.53 | 138.29 | 37.93 | 176.22 | 0.95 | 213.39 | 29.8 | 3.15 | 0.68 | 311.98 | 41.76 | 270.22 | 51.43 |
| 1225 | 5-1556 | 51556 | 4 | 9/30/94 | 9755.29 | 2364.71 | 12120 | 525.37 | 32.86 | 9450.99 | 2290.94 | 146.53 | 35.52 | 182.05 | 1.82 | 121.01 | 29.8 | 3.79 | 0.49 | 404.36 | 39.8 | 364.56 | 69.39 |
| 1226 | 5-2837 | 52837 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.61 | 33.03 | 7469.66 | 1958.36 | 99 | 25.95 | 124.95 | 0.46 | 238.12 | 30.81 | 1.93 | 0.5 | 285.49 | 28.38 | 257.11 | 49.10 |
| 1227 | 5-5227 | 55227 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.61 | 33.03 | 7429.31 | 1947.73 | 117.38 | 30.77 | 148.15 | 0.81 | 210.14 | 30.11 | 2.79 | 0.59 | 313.47 | 34.15 | 279.32 | 53.35 |
| 1228 | 5-5234 | 55234 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.61 | 33.03 | 7445.14 | 1951.9 | 103.81 | 27.22 | 131.03 | 0.71 | 192.98 | 30.61 | 2.35 | 0.44 | 330.63 | 30.01 | 300.62 | 57.41 |
| 1229 | 5-5246 | 55246 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.61 | 33.03 | 7464.33 | 1956.91 | 96.86 | 25.39 | 122.25 | 0.53 | 213.46 | 30.88 | 1.95 | 0.41 | 310.15 | 27.75 | 282.4 | 53.93 |
| 1230 | 5-5336 | 55336 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.61 | 33.03 | 7433.33 | 1948.82 | 112.73 | 29.56 | 142.29 | 0.79 | 198.06 | 30.3 | 2.7 | 0.53 | 325.55 | 32.79 | 292.76 | 55.91 |
| 1231 | 5-5452 | 55452 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.61 | 33.03 | 7478.67 | 1960.72 | 91.73 | 24.05 | 115.78 | 0.41 | 233.71 | 31.04 | 1.7 | 0.41 | 289.9 | 26.16 | 263.74 | 50.37 |
| 1232 | 5-6080 | 56080 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.61 | 33.03 | 7461.07 | 1956.09 | 101.8 | 26.69 | 128.49 | 0.54 | 227.96 | 30.69 | 2.07 | 0.48 | 295.65 | 29.24 | 266.41 | 50.88 |
| 1233 | 5-2517 | 52517 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7408.32 | 1942.25 | 118.94 | 31.18 | 150.12 | 1.08 | 172.67 | 29.99 | 3.16 | 0.52 | 350.93 | 34.86 | 316.07 | 60.36 |
| 1234 | 5-5243 | 55243 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7524.21 | 1972.64 | 72.39 | 18.98 | 91.37 | 0.14 | 314.98 | 31.56 | 0.93 | 0.45 | 208.62 | 20.36 | 188.26 | 35.95 |
| 1235 | 5-5254 | 55254 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7451.93 | 1953.68 | 101.61 | 26.64 | 128.25 | 0.64 | 199.93 | 30.7 | 2.21 | 0.43 | 323.67 | 29.28 | 294.39 | 56.22 |
| 1236 | 5-5326 | 55326 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7426.19 | 1946.95 | 113.89 | 29.86 | 143.75 | 0.88 | 189.56 | 30.21 | 2.81 | 0.51 | 334.04 | 33.18 | 300.86 | 57.46 |
| 1237 | 5-5394 | 55394 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7463.39 | 1956.68 | 104.22 | 27.32 | 131.54 | 0.49 | 247 | 30.6 | 2.05 | 0.55 | 276.6 | 29.92 | 246.68 | 47.11 |
| 1238 | 5-5691 | 55691 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7532.25 | 1974.73 | 66.27 | 17.37 | 83.64 | 0.12 | 315.49 | 31.74 | 0.79 | 0.37 | 208.11 | 18.53 | 189.58 | 36.21 |
| 1239 | 5-5788 | 55788 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7451.75 | 1953.64 | 105.02 | 27.53 | 132.55 | 0.61 | 216.68 | 30.57 | 2.24 | 0.48 | 306.92 | 30.25 | 276.67 | 52.84 |
| 1240 | 5-5841 | 55841 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7403.47 | 1940.98 | 125.26 | 32.84 | 158.1 | 1.11 | 184.99 | 29.77 | 3.33 | 0.59 | 338.61 | 36.76 | 301.85 | 57.65 |
| 1241 | 5-5856 | 55856 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7424.39 | 1946.46 | 109.52 | 28.71 | 138.23 | 0.93 | 170.12 | 30.37 | 2.74 | 0.44 | 353.48 | 31.89 | 321.59 | 61.42 |
| 1242 | 5-5881 | 55881 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7483.31 | 1961.91 | 89.95 | 23.58 | 113.53 | 0.38 | 239.11 | 31.11 | 1.61 | 0.41 | 284.49 | 25.6 | 258.89 | 49.44 |
| 1243 | 5-6077 | 56077 | 8 | 9/30/94 | 9617.1 | 0 | 9617.1 | 523.60 | 33.03 | 7443.06 | 1951.37 | 111.82 | 29.32 | 141.14 | 0.68 | 222.97 | 30.33 | 2.46 | 0.55 | 300.63 | 32.33 | 268.3 | 51.24 |
| 1244 | 5-1633 | 51633 | 4 | 9/30/94 | 9725.87 | 2352.13 | 12078 | 522.57 | 32.68 | 9386.66 | 2270.09 | 150.61 | 36.42 | 187.03 | 2.32 | 101.6 | 29.3 | 4.26 | 0.5 | 420.97 | 41.18 | 379.79 | 72.68 |
| 1245 | 5-1995 | 51995 | 4 | 9/30/94 | 9725.87 | 2352.13 | 12078 | 522.57 | 32.68 | 9388.43 | 2270.53 | 150.43 | 36.38 | 186.81 | 2.3 | 101.95 | 29.31 | 4.27 | 0.51 | 420.62 | 41.16 | 379.46 | 72.61 |
| 1246 | 1-1878 | 11878 | 5 | 9/30/94 | 7419.87 | 2352.13 | 9772 | 522.57 | 32.68 | 7121.19 | 2257.45 | 147.44 | 46.74 | 194.18 | 2.15 | 130.52 | 28.21 | 5.53 | 0.73 | 392.05 | 53 | 339.05 | 64.88 |
| 1247 | 1-0545 | 10545 | 6 | 9/30/94 | 7419.87 | 2352.13 | 9772 | 522.57 | 32.68 | 7126.49 | 2259.14 | 146.17 | 46.34 | 192.51 | 2.08 | 133.85 | 28.29 | 5.37 | 0.72 | 388.72 | 52.43 | 336.29 | 64.35 |
| 1248 | 1-0504 | 10504 | 3 | 3/31/86 | 8720.06 | 2347.94 | 11068 | 521.64 | 32.63 | 8444.33 | 2273.69 | 156.1 | 42.03 | 198.13 | 1.56 | 174.72 | 28.92 | 4.21 | 0.73 | 346.92 | 46.97 | 299.95 | 57.50 |
| 1249 | 1-0912 | 10912 | 3 | 3/31/86 | 8720.06 | 2347.94 | 11068 | 521.64 | 32.63 | 8444.33 | 2273.69 | 156.1 | 42.03 | 198.13 | 1.56 | 174.72 | 28.92 | 4.21 | 0.73 | 346.92 | 46.97 | 299.95 | 57.50 |
| 1250 | 1-1224 | 11224 | 3 | 3/31/86 | 8720.06 | 2347.94 | 11068 | 521.64 | 32.63 | 8448.4 | 2274.79 | 153.11 | 41.22 | 194.33 | 1.5 | 173.4 | 29.02 | 4.06 | 0.69 | 348.24 | 45.97 | 302.27 | 57.95 |
| 1251 | 1-1750 | 11750 | 3 | 3/31/86 | 8720.06 | 2347.94 | 11068 | 521.64 | 32.63 | 8442.96 | 2273.33 | 156.13 | 42.04 | 198.17 | 1.59 | 172.31 | 28.91 | 4.26 | 0.74 | 349.33 | 47.04 | 302.29 | 57.95 |
| 1252 | 1-1806 | 11806 | 3 | 3/31/86 | 8720.06 | 2347.94 | 11068 | 521.64 | 32.63 | 8444.33 | 2273.69 | 156.1 | 42.03 | 198.13 | 1.56 | 174.72 | 28.92 | 4.21 | 0.73 | 346.92 | 46.97 | 299.95 | 57.50 |
| 1253 | 1-2019 | 12019 | 3 | 3/31/86 | 8720.06 | 2347.94 | 11068 | 521.64 | 32.63 | 8442.96 | 2273.33 | 156.13 | 42.04 | 198.17 | 1.59 | 172.31 | 28.91 | 4.26 | 0.74 | 349.33 | 47.04 | 302.29 | 57.95 |
| 1254 | 1-2134 | 12134 | 3 | 3/31/86 | 8720.06 | 2347.94 | 11068 | 521.64 | 32.63 | 8442.96 | 2273.33 | 156.13 | 42.04 | 198.17 | 1.59 | 172.31 | 28.91 | 4.26 | 0.74 | 349.33 | 47.04 | 302.29 | 57.95 |
| 1255 | 5-2118 | 52118 | 6 | 9/30/94 | 9610.45 | 2339.55 | 11950 | 519.78 | 32.51 | 9359.44 | 2278.45 | 134.6 | 32.77 | 167.37 | 1.18 | 154.98 | 29.96 | 2.91 | 0.43 | 364.8 | 36.11 | 328.69 | 63.24 |
| 1256 | 5-1159 | 51159 | 5 | 9/30/94 | 9590.64 | 2335.36 | 11926 | 518.85 | 32.45 | 9334.74 | 2273.04 | 135.83 | 33.07 | 168.9 | 1.24 | 149.07 | 29.86 | 3.05 | 0.45 | 369.78 | 36.57 | 333.21 | 64.22 |
| 1257 | 1-0018 | 10018 | 4 | 9/30/94 | 7416.83 | 2331.17 | 9748 | 517.91 | 32.39 | 7136.27 | 2242.98 | 144.86 | 45.53 | 190.39 | 1.88 | 142.72 | 28.19 | 5.08 | 0.72 | 375.19 | 51.33 | 323.86 | 62.53 |
| 1258 | 1-0560 | 10560 | 4 | 9/30/94 | 7416.83 | 2331.17 | 9748 | 517.91 | 32.39 | 7126.18 | 2239.8 | 146.14 | 45.93 | 192.07 | 2.08 | 135.08 | 28.04 | 5.31 | 0.73 | 382.83 | 51.97 | 330.86 | 63.88 |
| 1259 | 1-0590 | 10590 | 4 | 9/30/94 | 7416.83 | 2331.17 | 9748 | 517.91 | 32.39 | 7136.27 | 2242.98 | 144.86 | 45.53 | 190.39 | 1.88 | 142.72 | 28.19 | 5.08 | 0.72 | 375.19 | 51.33 | 323.86 | 62.53 |
| 1260 | 1-1211 | 11211 | 4 | 9/30/94 | 7416.83 | 2331.17 | 9748 | 517.91 | 32.39 | 7123.74 | 2239.05 | 145.28 | 45.66 | 190.94 | 2.09 | 132.07 | 28.04 | 5.3 | 0.7 | 385.84 | 51.66 | 334.18 | 64.52 |
| 1261 | 1-2912 | 12912 | 4 | 9/30/94 | 7416.83 | 2331.17 | 9748 | 517.91 | 32.39 | 7117.24 | 2237 | 145.48 | 45.73 | 191.21 | 2.19 | 125.9 | 27.97 | 5.44 | 0.71 | 392.01 | 51.88 | 340.13 | 65.67 |
| 1262 | 1-0523 | 10523 | 6 | 9/30/94 | 7523.22 | 2322.78 | 9846 | 516.05 | 32.28 | 7241.32 | 2235.74 | 145.04 | 44.78 | 189.82 | 1.86 | 143.4 | 28.12 | 4.94 | 0.7 | 372.65 | 50.42 | 322.23 | 62.44 |
| 1263 | 5-5327 | 55327 | 8 | 9/30/94 | 9762.45 | 0 | 9762.45 | 515.68 | 32.52 | 7703.53 | 1944.31 | 68.98 | 17.41 | 86.39 | 0.13 | 306.63 | 31.22 | 0.81 | 0.37 | 209.05 | 18.59 | 190.46 | 36.93 |
| 1264 | 5-1061 | 51061 | 8 | 9/30/94 | 9772.05 | 0 | 9772.05 | 515.29 | 32.49 | 7701.42 | 1939.52 | 77.73 | 19.57 | 97.3 | 0.18 | 298.14 | 30.96 | 1.02 | 0.43 | 217.15 | 21.02 | 196.13 | 38.06 |
| 1265 | 5-5396 | 55396 | 8 | 9/30/94 | 9772.05 | 0 | 9772.05 | 515.29 | 32.49 | 7706.58 | 1940.82 | 73.2 | 18.43 | 91.63 | 0.16 | 292.02 | 31.11 | 0.92 | 0.37 | 223.27 | 19.72 | 203.55 | 39.50 |
| 1266 | 5-5844 | 55844 | 8 | 9/30/94 | 9772.05 | 0 | 9772.05 | 515.29 | 32.49 | 7702.7 | 1939.84 | 78.59 | 19.79 | 98.38 | 0.16 | 312.38 | 30.91 | 1.01 | 0.49 | 202.91 | 21.29 | 181.62 | 35.25 |
| 1267 | 5-5857 | 55857 | 8 | 9/30/94 | 9772.05 | 0 | 9772.05 | 515.29 | 32.49 | 7698.27 | 1938.71 | 79.42 | 20 | 99.42 | 0.19 | 293.5 | 30.92 | 1.07 | 0.43 | 221.79 | 21.5 | 200.29 | 38.87 |
| 1268 | 5-6068 | 56068 | 8 | 9/30/94 | 9772.05 | 0 | 9772.05 | 515.29 | 32.49 | 7689.43 | 1936.5 | 85.63 | 21.57 | 107.2 | 0.23 | 292.3 | 30.73 | 1.22 | 0.49 | 222.99 | 23.28 | 199.71 | 38.76 |
| 1269 | 1-0409 | 10409 | 3 | 3/31/86 | 8787.8 | 2310.2 | 11098 | 513.26 | 32.1 | 8646.29 | 2273 | 102.41 | 26.92 | 129.33 | 0.29 | 282.11 | 30.28 | 1.47 | 0.57 | 231.15 | 28.96 | 202.19 | 39.39 |
| 1270 | 1-0720 | 10720 | 3 | 3/31/86 | 8523.8 | 2310.2 | 10834 | 513.26 | 32.1 | 8318.2 | 2254.48 | 130.51 | 35.37 | 165.88 | 0.78 | 216.42 | 29.38 | 2.74 | 0.63 | 296.84 | 38.74 | 258.1 | 50.29 |
| 1271 | 1-1111 | 11111 | 3 | 3/31/86 | 8523.8 | 2310.2 | 10834 | 513.26 | 32.1 | 8304.01 | 2250.63 | 135.34 | 36.68 | 172.02 | 0.92 | 204.44 | 29.19 | 3.01 | 0.63 | 308.82 | 40.32 | 268.5 | 52.31 |
| 1272 | 1-1353 | 11353 | 3 | 3/31/86 | 8523.8 | 2310.2 | 10834 | 513.26 | 32.1 | 8379.39 | 2271.06 | 103.21 | 27.97 | 131.18 | 0.32 | 275.78 | 30.19 | 1.58 | 0.57 | 237.48 | 30.12 | 207.36 | 40.40 |
| 1273 | 1-2403 | 12403 | 3 | 3/31/86 | 8523.8 | 2310.2 | 10834 | 513.26 | 32.1 | 8379.39 | 2271.06 | 103.21 | 27.97 | 131.18 | 0.32 | 275.78 | 30.19 | 1.58 | 0.57 | 237.48 | 30.12 | 207.36 | 40.40 |
| 1274 | 1-2923 | 12923 | 3 | 3/31/86 | 8523.8 | 2310.2 | 10834 | 513.26 | 32.1 | 8379.39 | 2271.06 | 103.21 | 27.97 | 131.18 | 0.32 | 275.78 | 30.19 | 1.58 | 0.57 | 237.48 | 30.12 | 207.36 | 40.40 |
| 1275 | 1-1467 | 11467 | 5 | 9/30/94 | 7461.8 | 2310.2 | 9772 | 513.26 | 32.1 | 7151.38 | 2214.1 | 148.7 | 46.04 | 194.74 | 2.36 | 118.95 | 27.59 | 5.65 | 0.72 | 394.31 | 52.41 | 341.9 | 66.61 |
| 1276 | 1-1470 | 11470 | 5 | 9/30/94 | 7461.8 | 2310.2 | 9772 | 513.26 | 32.1 | 7150.57 | 2213.87 | 148.2 | 45.89 | 194.09 | 2.37 | 118.7 | 27.58 | 5.62 | 0.71 | 394.56 | 52.22 | 342.34 | 66.70 |
| 1277 | 1-0374 | 10374 | 6 | 9/30/94 | 7461.8 | 2310.2 | 9772 | 513.26 | 32.1 | 7159.03 | 2216.46 | 148.22 | 45.89 | 194.11 | 2.22 | 125.06 | 27.7 | 5.47 | 0.72 | 388.2 | 52.08 | 336.12 | 65.49 |
| 1278 | 1-1158 | 11158 | 6 | 9/30/94 | 7461.8 | 2310.2 | 9772 | 513.26 | 32.1 | 7159.03 | 2216.46 | 148.22 | 45.89 | 194.11 | 2.22 | 125.06 | 27.7 | 5.47 | 0.72 | 388.2 | 52.08 | 336.12 | 65.49 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1279 | 1-2505 | 12505 | 6 | 9/30/94 | 7461.8 | 2310.2 | 9772 | 513.26 | 32.1 | 7166.76 | 2218.87 | 147 | 45.51 | 192.51 | 2.09 | 131.47 | 27.79 | 5.28 | 0.71 | 381.79 | 51.5 | 330.29 | 64.35 |
| 1280 | 8-0085 | 80085 | 2 | 5/13/81 | 10959.77 | 6.06 | 10965.83 | 513.17 | 32.17 | 10847.49 | 6 | 94.17 | 0.05 | 94.22 | 0.13 | 361.49 | 30.93 | 0.7 | 0.62 | 151.68 | 1.37 | 150.31 | 29.29 |
| 1281 | 8-0091 | 80091 | 4 | 9/30/94 | 10959.77 | 6.06 | 10965.83 | 513.17 | 32.17 | 10560.77 | 5.84 | 210.77 | 0.12 | 210.89 | 2.78 | 146.78 | 27.92 | 5.21 | 0.83 | 366.39 | 6.16 | 360.23 | 70.20 |
| 1282 | 5-1568 | 51568 | 4 | 9/30/94 | 9728.99 | 2306.01 | 12035 | 512.32 | 32.04 | 9486.25 | 2248.45 | 133.4 | 31.62 | 165.02 | 1.08 | 159.41 | 29.64 | 2.73 | 0.43 | 352.91 | 34.78 | 318.13 | 62.10 |
| 1283 | 5-0756 | 50756 | 5 | 9/30/94 | 9625.99 | 2306.01 | 11932 | 512.32 | 32.04 | 9456.32 | 2265.36 | 108.96 | 26.1 | 135.06 | 0.45 | 224.09 | 30.35 | 1.61 | 0.38 | 288.23 | 28.09 | 260.14 | 50.78 |
| 1284 | 5-2026 | 52026 | 5 | 9/30/94 | 9625.99 | 2306.01 | 11932 | 512.32 | 32.04 | 9456.77 | 2265.47 | 108.94 | 26.1 | 135.04 | 0.45 | 224.06 | 30.35 | 1.62 | 0.38 | 288.26 | 28.1 | 260.16 | 50.78 |
| 1285 | 5-0104 | 50104 | 6 | 9/30/94 | 9625.99 | 2306.01 | 11932 | 512.32 | 32.04 | 9453.03 | 2264.58 | 110.08 | 26.37 | 136.45 | 0.48 | 219.42 | 30.32 | 1.67 | 0.38 | 292.9 | 28.42 | 264.48 | 51.62 |
| 1286 | 5-0692 | 50692 | 6 | 9/30/94 | 9625.99 | 2306.01 | 11932 | 512.32 | 32.04 | 9451.16 | 2264.14 | 110.86 | 26.56 | 137.42 | 0.49 | 218.15 | 30.3 | 1.69 | 0.38 | 294.17 | 28.63 | 265.54 | 51.83 |
| 1287 | 8-0206 | 80206 | 3 | 3/31/86 | 10703.15 | 129.02 | 10832.17 | 510.41 | 79.63 | 9281.91 | 4.89 | 164.38 | 0.09 | 164.47 | 1.26 | 182.53 | 25.18 | 3 | 0.69 | 327.88 | 3.78 | 324.1 | 63.50 |
| 1288 | 8-0125 | 80125 | 5 | 9/30/94 | 10703.15 | 129.02 | 10832.17 | 510.39 | 79.63 | 739.79 | 0 | 14.46 | 0 | 14.46 | 0.19 | 10.98 | 2.02 | 0.37 | 0.06 | 499.41 | 0.43 | 498.98 | 97.76 |
| 1289 | 1-2529 | 12529 | 3 | 3/31/86 | 8915.57 | 2293.43 | 11209 | 509.53 | 31.87 | 8690.36 | 2235.5 | 140.6 | 36.17 | 176.77 | 0.93 | 208.79 | 28.98 | 2.98 | 0.66 | 300.74 | 39.81 | 260.93 | 51.21 |
| 1290 | 2-4010 | 24010 | 8 | 9/30/94 | 6305.77 | 0 | 6305.77 | 508.64 | 32.08 | 4211.97 | 1872.42 | 85.03 | 37.8 | 122.83 | 1.1 | 178.65 | 27.64 | 4.67 | 0.84 | 329.99 | 43.31 | 286.68 | 56.36 |
| 1291 | 1-0195 | 10195 | 3 | 3/31/86 | 8929.76 | 2289.24 | 11219 | 508.60 | 31.81 | 8704.19 | 2231.41 | 140.83 | 36.1 | 176.93 | 0.93 | 208.41 | 28.93 | 2.97 | 0.66 | 300.19 | 39.73 | 260.46 | 51.21 |
| 1292 | 1-0921 | 10921 | 3 | 3/31/86 | 8503.76 | 2289.24 | 10793 | 508.60 | 31.81 | 8360.9 | 2250.78 | 101.69 | 27.38 | 129.07 | 0.31 | 271 | 29.96 | 1.52 | 0.54 | 237.6 | 29.44 | 208.16 | 40.93 |
| 1293 | 2-4642 | 24642 | 8 | 9/30/94 | 6263.2 | 0 | 6263.2 | 507.97 | 32.03 | 4189.25 | 1877.13 | 80.52 | 36.08 | 116.6 | 0.85 | 202.44 | 28.02 | 3.97 | 0.83 | 305.53 | 40.88 | 264.65 | 52.10 |
| 1294 | 1-1029 | 11029 | 5 | 9/30/94 | 7674.95 | 2285.05 | 9960 | 507.67 | 31.75 | 7370.6 | 2194.44 | 151.36 | 45.06 | 196.42 | 2.17 | 129.28 | 27.44 | 5.28 | 0.71 | 378.39 | 51.05 | 327.34 | 64.48 |
| 1295 | 1-1110 | 11110 | 5 | 9/30/94 | 7580.95 | 2285.05 | 9866 | 507.67 | 31.75 | 7280.33 | 2194.44 | 149.51 | 45.06 | 194.57 | 2.15 | 129.28 | 27.44 | 5.28 | 0.71 | 378.39 | 51.05 | 327.34 | 64.48 |
| 1296 | 1-1149 | 11149 | 5 | 9/30/94 | 7580.95 | 2285.05 | 9866 | 507.67 | 31.75 | 7277.68 | 2193.64 | 151.62 | 45.7 | 197.32 | 2.17 | 129.8 | 27.4 | 5.37 | 0.72 | 377.87 | 51.79 | 326.08 | 64.23 |
| 1297 | 1-1238 | 11238 | 5 | 9/30/94 | 7580.95 | 2285.05 | 9866 | 507.67 | 31.75 | 7264.75 | 2189.76 | 150.57 | 45.39 | 195.96 | 2.41 | 117.4 | 27.28 | 5.56 | 0.7 | 390.27 | 51.65 | 338.62 | 66.70 |
| 1298 | 1-1793 | 11793 | 5 | 9/30/94 | 7674.95 | 2285.05 | 9960 | 507.67 | 31.75 | 7355.67 | 2189.99 | 152.95 | 45.54 | 198.49 | 2.42 | 117.66 | 27.29 | 5.59 | 0.71 | 390.01 | 51.84 | 338.17 | 66.61 |
| 1299 | 1-2116 | 12116 | 5 | 9/30/94 | 7674.95 | 2285.05 | 9960 | 507.67 | 31.75 | 7346.94 | 2187.39 | 154.21 | 45.91 | 200.12 | 2.58 | 112.87 | 27.19 | 5.77 | 0.72 | 394.8 | 52.4 | 342.4 | 67.45 |
| 1300 | 1-0312 | 10312 | 6 | 9/30/94 | 7674.95 | 2285.05 | 9960 | 507.67 | 31.75 | 7387.37 | 2199.42 | 147.97 | 44.06 | 192.03 | 1.9 | 141.07 | 27.67 | 4.86 | 0.68 | 366.6 | 49.6 | 317 | 62.44 |
| 1301 | 5-2122 | 52122 | 5 | 9/30/94 | 9523.15 | 2280.85 | 11804 | 506.74 | 31.69 | 9360.69 | 2241.93 | 105.78 | 25.33 | 131.11 | 0.41 | 224.94 | 30.09 | 1.53 | 0.38 | 281.8 | 27.24 | 254.56 | 50.23 |
| 1302 | 5-1693 | 51693 | 6 | 9/30/94 | 9523.15 | 2280.85 | 11804 | 506.74 | 31.69 | 9364.67 | 2242.91 | 104.14 | 24.94 | 129.08 | 0.39 | 231.21 | 30.13 | 1.45 | 0.36 | 275.53 | 26.75 | 248.78 | 49.09 |
| 1303 | 1-0459 | 10459 | 3 | 3/31/86 | 8928.72 | 2268.28 | 11197 | 503.94 | 31.52 | 8784.95 | 2231.75 | 104.05 | 26.43 | 130.48 | 0.3 | 276.99 | 29.73 | 1.45 | 0.56 | 226.95 | 28.44 | 198.51 | 39.39 |
| 1304 | 1-1023 | 11023 | 3 | 3/31/86 | 8928.72 | 2268.28 | 11197 | 503.94 | 31.52 | 8790.92 | 2233.27 | 100.8 | 25.61 | 126.41 | 0.27 | 282.13 | 29.82 | 1.34 | 0.53 | 221.81 | 27.48 | 194.33 | 38.56 |
| 1305 | 1-1940 | 11940 | 3 | 3/31/86 | 8928.72 | 2268.28 | 11197 | 503.94 | 31.52 | 8784.95 | 2231.75 | 104.05 | 26.43 | 130.48 | 0.3 | 276.99 | 29.73 | 1.45 | 0.56 | 226.95 | 28.44 | 198.51 | 39.39 |
| 1306 | 5-1401 | 51401 | 4 | 9/30/94 | 9734.92 | 2264.08 | 11999 | 503.01 | 31.46 | 9582.02 | 2228.51 | 102.6 | 23.86 | 126.46 | 0.34 | 237.75 | 30 | 1.34 | 0.37 | 265.26 | 25.57 | 239.69 | 47.65 |
| 1307 | 5-0710 | 50710 | 4 | 9/30/94 | 9384.11 | 2259.89 | 11644 | 502.08 | 31.4 | 9210.57 | 2218.11 | 108.97 | 26.24 | 135.21 | 0.5 | 209.3 | 29.69 | 1.69 | 0.37 | 292.78 | 28.3 | 264.48 | 52.68 |
| 1308 | 5-1020 | 51020 | 4 | 9/30/94 | 9384.11 | 2259.89 | 11644 | 502.08 | 31.4 | 9114.52 | 2194.96 | 136.2 | 32.8 | 169 | 1.43 | 131 | 28.73 | 3.17 | 0.43 | 371.08 | 36.4 | 334.68 | 66.66 |
| 1309 | 5-1246 | 51246 | 4 | 9/30/94 | 9384.11 | 2259.89 | 11644 | 502.08 | 31.4 | 9216.04 | 2219.42 | 107.04 | 25.78 | 132.82 | 0.46 | 214.57 | 29.74 | 1.62 | 0.38 | 287.51 | 27.78 | 259.73 | 51.73 |
| 1310 | 5-1868 | 51868 | 4 | 9/30/94 | 9384.11 | 2259.89 | 11644 | 502.08 | 31.4 | 9119.26 | 2196.1 | 135.3 | 32.58 | 167.88 | 1.38 | 133.52 | 28.77 | 3.13 | 0.44 | 368.56 | 36.15 | 332.41 | 66.21 |
| 1311 | 6-4564 | 64564 | 8 | 9/30/94 | 7136.04 | 0 | 7136.04 | 498.47 | 31.43 | 5102.11 | 1853.65 | 77.1 | 28.01 | 105.11 | 0.67 | 185.1 | 28.5 | 2.88 | 0.56 | 313.37 | 31.45 | 281.92 | 56.56 |
| 1312 | 6-5406 | 65406 | 8 | 9/30/94 | 7136.04 | 0 | 7136.04 | 498.47 | 31.43 | 5103.46 | 1854.16 | 77.58 | 28.18 | 105.76 | 0.65 | 190.49 | 28.46 | 2.92 | 0.62 | 307.98 | 31.72 | 276.26 | 55.42 |
| 1313 | 6-5422 | 65422 | 8 | 9/30/94 | 7136.04 | 0 | 7136.04 | 498.47 | 31.43 | 5138.03 | 1866.7 | 64.89 | 23.58 | 88.47 | 0.31 | 243.01 | 29.15 | 1.88 | 0.63 | 255.46 | 26.09 | 229.37 | 46.01 |
| 1314 | 5-1739 | 51739 | 3 | 3/31/86 | 9500.81 | 2201.19 | 11702 | 489.04 | 30.59 | 9233.54 | 2139.27 | 151.03 | 34.99 | 186.02 | 1.36 | 161.82 | 27.64 | 3.31 | 0.57 | 327.22 | 38.87 | 288.35 | 58.96 |
| 1315 | 5-2933 | 52933 | 3 | 3/31/86 | 9500.81 | 2201.19 | 11702 | 489.04 | 30.59 | 9250.89 | 2143.29 | 146.28 | 33.89 | 180.17 | 1.16 | 174.15 | 27.83 | 3 | 0.56 | 314.89 | 37.45 | 277.44 | 56.73 |
| 1316 | 1-1259 | 11259 | 4 | 9/30/94 | 7988 | 2197 | 10185 | 488.11 | 30.53 | 7790.57 | 2142.71 | 123.15 | 33.87 | 157.02 | 0.75 | 198.59 | 27.97 | 2.63 | 0.57 | 289.52 | 37.07 | 252.45 | 51.72 |
| 1317 | 1-0112 | 10112 | 4 | 9/30/94 | 7499.39 | 2188.61 | 9688 | 486.24 | 30.41 | 7314.21 | 2134.56 | 115.54 | 33.72 | 149.26 | 0.69 | 198.44 | 27.89 | 2.59 | 0.56 | 287.8 | 36.87 | 250.93 | 51.61 |
| 1318 | 1-0703 | 10703 | 4 | 9/30/94 | 7499.39 | 2188.61 | 9688 | 486.24 | 30.41 | 7314.03 | 2134.53 | 115.62 | 33.74 | 149.36 | 0.71 | 197.83 | 27.87 | 2.62 | 0.56 | 288.41 | 36.92 | 251.49 | 51.72 |
| 1319 | 1-0949 | 10949 | 4 | 9/30/94 | 7497.39 | 2188.61 | 9686 | 486.24 | 30.41 | 7312.26 | 2134.56 | 115.51 | 33.72 | 149.23 | 0.69 | 198.44 | 27.89 | 2.59 | 0.56 | 287.8 | 36.87 | 250.93 | 51.61 |
| 1320 | 1-1418 | 11418 | 4 | 9/30/94 | 7499.39 | 2188.61 | 9688 | 486.24 | 30.41 | 7300.91 | 2130.68 | 119.28 | 34.81 | 154.09 | 0.84 | 183.93 | 27.72 | 2.86 | 0.56 | 302.31 | 38.23 | 264.08 | 54.31 |
| 1321 | 1-0596 | 10596 | 5 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7560.37 | 2123.14 | 126.8 | 35.61 | 162.41 | 1 | 170.69 | 27.51 | 3.13 | 0.55 | 314.62 | 39.29 | 275.33 | 56.73 |
| 1322 | 1-0887 | 10887 | 5 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7572.53 | 2126.54 | 123.48 | 34.68 | 158.16 | 0.87 | 182.98 | 27.64 | 2.89 | 0.56 | 302.33 | 38.13 | 264.2 | 54.44 |
| 1323 | 1-0969 | 10969 | 5 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7559.58 | 2122.9 | 126.52 | 35.53 | 162.05 | 1.01 | 169.3 | 27.51 | 3.13 | 0.54 | 316.01 | 39.2 | 276.81 | 57.04 |
| 1324 | 1-1206 | 11206 | 5 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7560.37 | 2123.14 | 126.8 | 35.61 | 162.41 | 1 | 170.69 | 27.51 | 3.13 | 0.55 | 314.62 | 39.29 | 275.33 | 56.73 |
| 1325 | 1-1759 | 11759 | 5 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7556.89 | 2122.16 | 127.34 | 35.76 | 163.1 | 1.03 | 166.43 | 27.5 | 3.18 | 0.55 | 318.88 | 39.49 | 279.39 | 57.57 |
| 1326 | 1-1804 | 11804 | 5 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7559.58 | 2122.9 | 126.52 | 35.53 | 162.05 | 1.01 | 169.3 | 27.51 | 3.13 | 0.54 | 316.01 | 39.2 | 276.81 | 57.04 |
| 1327 | 1-1983 | 11983 | 5 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7573.24 | 2126.75 | 123.14 | 34.58 | 157.72 | 0.85 | 182.62 | 27.66 | 2.88 | 0.55 | 302.69 | 38.01 | 264.68 | 54.54 |
| 1328 | 1-2398 | 12398 | 5 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7572.25 | 2126.49 | 124.53 | 34.97 | 159.5 | 0.86 | 184.9 | 27.63 | 2.9 | 0.56 | 300.41 | 38.43 | 261.98 | 53.98 |
| 1329 | 1-2410 | 12410 | 5 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7572.25 | 2126.49 | 124.53 | 34.97 | 159.5 | 0.86 | 184.9 | 27.63 | 2.9 | 0.56 | 300.41 | 38.43 | 261.98 | 53.98 |
| 1330 | 1-0134 | 10134 | 6 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7581.61 | 2129.09 | 121.18 | 34.03 | 155.21 | 0.79 | 190.88 | 27.77 | 2.73 | 0.57 | 294.43 | 37.33 | 257.1 | 52.98 |
| 1331 | 1-0388 | 10388 | 6 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7581.61 | 2129.09 | 121.18 | 34.03 | 155.21 | 0.79 | 190.88 | 27.77 | 2.73 | 0.57 | 294.43 | 37.33 | 257.1 | 52.98 |
| 1332 | 1-1306 | 11306 | 6 | 9/30/94 | 7778.58 | 2184.42 | 9963 | 485.31 | 30.35 | 7586.23 | 2130.4 | 119.79 | 33.64 | 153.43 | 0.74 | 196.8 | 27.82 | 2.61 | 0.56 | 288.51 | 36.81 | 251.7 | 51.86 |
| 1333 | 1-1712 | 11712 | 5 | 9/30/94 | 8055.96 | 2176.04 | 10232 | 483.45 | 30.24 | 7843.31 | 2118.58 | 127.53 | 34.45 | 161.98 | 0.88 | 181.92 | 27.56 | 2.87 | 0.54 | 301.53 | 37.86 | 263.67 | 54.54 |
| 1334 | 1-2271 | 12271 | 5 | 9/30/94 | 8055.96 | 2176.04 | 10232 | 483.45 | 30.24 | 7842.57 | 2118.38 | 127.88 | 34.54 | 162.42 | 0.9 | 182.27 | 27.53 | 2.88 | 0.55 | 301.18 | 37.97 | 263.21 | 54.44 |
| 1335 | 1-0093 | 10093 | 6 | 9/30/94 | 8020.96 | 2176.04 | 10197 | 483.45 | 30.24 | 7814.64 | 2120.06 | 125.06 | 33.93 | 158.99 | 0.83 | 186.83 | 27.61 | 2.75 | 0.54 | 296.62 | 37.22 | 259.4 | 53.66 |
| 1336 | 1-0433 | 10433 | 6 | 9/30/94 | 8055.96 | 2176.04 | 10232 | 483.45 | 30.24 | 7848.74 | 2120.06 | 125.61 | 33.93 | 159.54 | 0.84 | 186.83 | 27.61 | 2.75 | 0.54 | 296.62 | 37.22 | 259.4 | 53.66 |
| 1337 | 1-1409 | 11409 | 6 | 9/30/94 | 8055.96 | 2176.04 | 10232 | 483.45 | 30.24 | 7842.98 | 2118.49 | 125.75 | 33.97 | 159.72 | 0.92 | 176.69 | 27.58 | 2.85 | 0.53 | 306.76 | 37.35 | 269.41 | 55.73 |
| 1338 | 1-1494 | 11494 | 6 | 9/30/94 | 8055.96 | 2176.04 | 10232 | 483.45 | 30.24 | 7842.98 | 2118.49 | 125.75 | 33.97 | 159.72 | 0.92 | 176.69 | 27.58 | 2.85 | 0.53 | 306.76 | 37.35 | 269.41 | 55.73 |
| 1339 | 1-1699 | 11699 | 6 | 9/30/94 | 8055.96 | 2176.04 | 10232 | 483.45 | 30.24 | 7860.09 | 2123.14 | 121.76 | 32.89 | 154.65 | 0.72 | 198.19 | 27.74 | 2.52 | 0.54 | 285.26 | 35.95 | 249.31 | 51.57 |
| 1340 | 1-1732 | 11732 | 6 | 9/30/94 | 8055.96 | 2176.04 | 10232 | 483.45 | 30.24 | 7860.09 | 2123.14 | 121.76 | 32.89 | 154.65 | 0.72 | 198.19 | 27.74 | 2.52 | 0.54 | 285.26 | 35.95 | 249.31 | 51.57 |
| 1341 | 5-0127 | 50127 | 3 | 3/31/86 | 10121.16 | 2171.84 | 12293 | 482.52 | 30.18 | 9873.35 | 2118.67 | 143.3 | 30.75 | 174.05 | 1.08 | 165.28 | 27.79 | 2.65 | 0.48 | 317.24 | 33.88 | 283.36 | 58.73 |
| 1342 | 5-1460 | 51460 | 3 | 3/31/86 | 10121.16 | 2171.84 | 12293 | 482.52 | 30.18 | 9858.7 | 2115.52 | 148.34 | 31.83 | 180.17 | 1.25 | 157.26 | 27.63 | 2.88 | 0.49 | 325.26 | 35.2 | 290.06 | 60.11 |
| 1343 | 1-0487 | 10487 | 4 | 9/30/94 | 7389.16 | 2171.84 | 9561 | 482.52 | 30.18 | 7195.34 | 2114.88 | 116.24 | 34.16 | 150.4 | 0.8 | 182.48 | 27.55 | 2.78 | 0.53 | 300.04 | 37.47 | 262.57 | 54.42 |
| 1344 | 1-0151 | 10151 | 4 | 9/30/94 | 7547.35 | 2167.65 | 9715 | 481.59 | 30.12 | 7340.95 | 2108.39 | 122.23 | 35.11 | 157.34 | 0.92 | 174.81 | 27.38 | 3 | 0.56 | 306.78 | 38.67 | 268.11 | 55.67 |
| 1345 | 1-0246 | 10246 | 4 | 9/30/94 | 7621.35 | 2167.65 | 9789 | 481.59 | 30.12 | 7421.44 | 2110.8 | 119.89 | 34.1 | 153.99 | 0.82 | 182.13 | 27.5 | 2.77 | 0.53 | 299.46 | 37.4 | 262.06 | 54.42 |
| 1346 | 1-0260 | 10260 | 4 | 9/30/94 | 7620.35 | 2167.65 | 9788 | 481.59 | 30.12 | 7418.67 | 2110.28 | 121.2 | 34.48 | 155.68 | 0.85 | 182.17 | 27.45 | 2.84 | 0.55 | 299.42 | 37.87 | 261.55 | 54.31 |
| 1347 | 1-0753 | 10753 | 4 | 9/30/94 | 7621.35 | 2167.65 | 9789 | 481.59 | 30.12 | 7418.33 | 2109.9 | 120.32 | 34.22 | 154.54 | 0.86 | 177.8 | 27.46 | 2.84 | 0.53 | 303.79 | 37.59 | 266.2 | 55.28 |
| 1348 | 1-0970 | 10970 | 4 | 9/30/94 | 7621.35 | 2167.65 | 9789 | 481.59 | 30.12 | 7418.33 | 2109.9 | 120.32 | 34.22 | 154.54 | 0.86 | 177.8 | 27.46 | 2.84 | 0.53 | 303.79 | 37.59 | 266.2 | 55.28 |
| 1349 | 1-2547 | 12547 | 4 | 9/30/94 | 7621.35 | 2167.65 | 9789 | 481.59 | 30.12 | 7412.92 | 2108.39 | 123.43 | 35.11 | 158.54 | 0.93 | 174.81 | 27.38 | 3 | 0.56 | 306.78 | 38.67 | 268.11 | 55.67 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1350 | 5-1095 | 51095 | 3 | 3/31/86 | 9347.74 | 2159.26 | 11507 | 479.72 | 30 | 9145.16 | 2112.47 | 129.18 | 29.84 | 159.02 | 0.7 | 204.13 | 27.79 | 2.19 | 0.51 | 275.59 | 32.54 | 243.05 | 50.66 |
| 1351 | 5-1148 | 51148 | 3 | 3/31/86 | 9347.74 | 2159.26 | 11507 | 479.72 | 30 | 9212.9 | 2128.12 | 98.09 | 22.66 | 120.75 | 0.25 | 265.7 | 28.56 | 1.15 | 0.45 | 214.02 | 24.26 | 189.76 | 39.56 |
| 1352 | 5-1249 | 51249 | 3 | 3/31/86 | 9347.74 | 2159.26 | 11507 | 479.72 | 30 | 9217.24 | 2129.12 | 95.9 | 22.15 | 118.05 | 0.23 | 270.78 | 28.61 | 1.08 | 0.44 | 208.94 | 23.67 | 185.27 | 38.62 |
| 1353 | 5-1563 | 51563 | 3 | 3/31/86 | 10028.74 | 2159.26 | 12188 | 479.72 | 30 | 9757.71 | 2100.91 | 148.78 | 32.03 | 180.81 | 1.35 | 146.85 | 27.4 | 2.99 | 0.47 | 332.87 | 35.49 | 297.38 | 61.99 |
| 1354 | 5-2159 | 52159 | 3 | 3/31/86 | 9347.74 | 2159.26 | 11507 | 479.72 | 30 | 9135.4 | 2110.22 | 132.54 | 30.62 | 163.16 | 0.79 | 195.59 | 27.69 | 2.36 | 0.52 | 284.13 | 33.5 | 250.63 | 52.25 |
| 1355 | 1-0133 | 10133 | 5 | 9/30/94 | 7073.12 | 2150.88 | 9224 | 477.86 | 29.89 | 6666.76 | 2027.33 | 148.18 | 45.06 | 193.24 | 4.32 | 57.24 | 24.4 | 7.25 | 0.77 | 420.62 | 53.08 | 367.54 | 76.91 |
| 1356 | 1-1300 | 11300 | 5 | 9/30/94 | 7073.12 | 2150.88 | 9224 | 477.86 | 29.89 | 6688.45 | 2033.91 | 149.98 | 45.61 | 195.59 | 3.91 | 66.6 | 24.6 | 7.02 | 0.77 | 411.26 | 53.4 | 357.86 | 74.89 |
| 1357 | 1-1392 | 11392 | 5 | 9/30/94 | 7073.12 | 2150.88 | 9224 | 477.86 | 29.89 | 6665.41 | 2026.9 | 147.76 | 44.93 | 192.69 | 4.36 | 56.64 | 24.39 | 7.25 | 0.77 | 421.22 | 52.95 | 368.27 | 77.07 |
| 1358 | 1-1579 | 11579 | 5 | 9/30/94 | 7073.12 | 2150.88 | 9224 | 477.86 | 29.89 | 6688.45 | 2033.91 | 149.98 | 45.61 | 195.59 | 3.91 | 66.6 | 24.6 | 7.02 | 0.77 | 411.26 | 53.4 | 357.86 | 74.89 |
| 1359 | 1-1752 | 11752 | 5 | 9/30/94 | 7073.12 | 2150.88 | 9224 | 477.86 | 29.89 | 6665.41 | 2026.9 | 147.76 | 44.93 | 192.69 | 4.36 | 56.64 | 24.39 | 7.25 | 0.77 | 421.22 | 52.95 | 368.27 | 77.07 |
| 1360 | 1-0307 | 10307 | 6 | 9/30/94 | 7073.12 | 2150.88 | 9224 | 477.86 | 29.89 | 6671.55 | 2028.72 | 150.02 | 45.62 | 195.64 | 4.22 | 59.9 | 24.42 | 7.27 | 0.78 | 417.96 | 53.67 | 364.29 | 76.23 |
| 1361 | 1-1042 | 11042 | 6 | 9/30/94 | 7073.12 | 2150.88 | 9224 | 477.86 | 29.89 | 6662.16 | 2025.91 | 148.17 | 45.06 | 193.23 | 4.42 | 55.55 | 24.35 | 7.31 | 0.77 | 422.31 | 53.14 | 369.17 | 77.25 |
| 1362 | 1-1157 | 11157 | 6 | 9/30/94 | 7073.12 | 2150.88 | 9224 | 477.86 | 29.89 | 6687.17 | 2033.48 | 149.46 | 45.45 | 194.91 | 3.9 | 66.23 | 24.59 | 6.99 | 0.76 | 411.63 | 53.2 | 358.43 | 75.01 |
| 1363 | 1-0849 | 10849 | 5 | 9/30/94 | 7628.31 | 2146.69 | 9775 | 476.93 | 29.83 | 7410.9 | 2085.5 | 124.88 | 35.14 | 160.02 | 1.01 | 163.55 | 27.02 | 3.12 | 0.54 | 313.38 | 38.8 | 274.58 | 57.57 |
| 1364 | 1-2299 | 12299 | 6 | 9/30/94 | 7628.31 | 2146.69 | 9775 | 476.93 | 29.83 | 7439.68 | 2093.6 | 117.47 | 33.06 | 150.53 | 0.72 | 193.4 | 27.34 | 2.57 | 0.55 | 283.53 | 36.18 | 247.35 | 51.86 |
| 1365 | 1-0025 | 10025 | 6 | 9/30/94 | 7638.51 | 2142.49 | 9781 | 476.00 | 29.77 | 7433.15 | 2084.9 | 122.16 | 34.26 | 156.42 | 0.87 | 175.82 | 27.11 | 2.87 | 0.54 | 300.18 | 37.67 | 262.51 | 55.15 |
| 1366 | 1-0235 | 10235 | 6 | 9/30/94 | 7029.51 | 2142.49 | 9172 | 476.00 | 29.77 | 6645.94 | 2025.56 | 148.54 | 45.27 | 193.81 | 3.88 | 65.97 | 24.49 | 6.97 | 0.75 | 410.03 | 52.99 | 357.04 | 75.01 |
| 1367 | 1-0257 | 10257 | 6 | 9/30/94 | 7029.51 | 2142.49 | 9172 | 476.00 | 29.77 | 6621.08 | 2018.02 | 147.26 | 44.88 | 192.14 | 4.39 | 55.33 | 24.25 | 7.28 | 0.77 | 420.67 | 52.93 | 367.74 | 77.26 |
| 1368 | 1-0402 | 10402 | 6 | 9/30/94 | 7638.51 | 2142.49 | 9781 | 476.00 | 29.77 | 7433.15 | 2084.9 | 122.16 | 34.26 | 156.42 | 0.87 | 175.82 | 27.11 | 2.87 | 0.54 | 300.18 | 37.67 | 262.51 | 55.15 |
| 1369 | 8-0133 | 80133 | 6 | 9/30/94 | 12086.38 | 5.59 | 12091.97 | 473.47 | 29.68 | 11703.73 | 5.41 | 188.63 | 0.09 | 188.72 | 2.43 | 116.35 | 26.62 | 3.78 | 0.52 | 357.12 | 4.39 | 352.73 | 74.50 |
| 1370 | 1-0361 | 10361 | 5 | 9/30/94 | 7054.09 | 2129.91 | 9184 | 473.20 | 29.6 | 6713.26 | 2027 | 141.01 | 42.58 | 183.59 | 3.04 | 78 | 25.02 | 5.88 | 0.65 | 395.2 | 49.11 | 346.09 | 73.14 |
| 1371 | 1-1466 | 11466 | 5 | 9/30/94 | 7054.09 | 2129.91 | 9184 | 473.20 | 29.6 | 6715.41 | 2027.67 | 141.07 | 42.59 | 183.66 | 2.99 | 79.06 | 25.04 | 5.86 | 0.65 | 394.14 | 49.1 | 345.04 | 72.92 |
| 1372 | 1-2405 | 12405 | 5 | 9/30/94 | 7054.09 | 2129.91 | 9184 | 473.20 | 29.6 | 6648.82 | 2007.57 | 147.78 | 44.62 | 192.4 | 4.31 | 56.68 | 24.16 | 7.18 | 0.76 | 416.52 | 52.56 | 363.96 | 76.91 |
| 1373 | 1-1368 | 11368 | 6 | 9/30/94 | 7054.09 | 2129.91 | 9184 | 473.20 | 29.6 | 6718.81 | 2028.66 | 142.22 | 42.94 | 185.16 | 2.93 | 81.61 | 25.05 | 5.86 | 0.66 | 391.59 | 49.46 | 342.13 | 72.30 |
| 1374 | 1-1443 | 11443 | 6 | 9/30/94 | 7054.09 | 2129.91 | 9184 | 473.20 | 29.6 | 6734.6 | 2033.45 | 141.01 | 42.58 | 183.59 | 2.64 | 90.34 | 25.23 | 5.56 | 0.65 | 382.86 | 48.79 | 334.07 | 70.60 |
| 1375 | 1-2114 | 12114 | 6 | 9/30/94 | 7054.09 | 2129.91 | 9184 | 473.20 | 29.6 | 6653.59 | 2008.95 | 149.62 | 45.18 | 194.8 | 4.21 | 59.32 | 24.18 | 7.2 | 0.77 | 413.88 | 53.15 | 360.73 | 76.23 |
| 1376 | 5-2530 | 52530 | 3 | 3/31/86 | 10693.47 | 2121.53 | 12815 | 471.34 | 29.48 | 10448.43 | 2072.92 | 141.11 | 28 | 169.11 | 1.01 | 157.99 | 27.43 | 2.31 | 0.4 | 313.35 | 30.71 | 282.64 | 59.97 |
| 1377 | 2-0780 | 20780 | 4 | 9/30/94 | 4434.47 | 2121.53 | 6556 | 471.34 | 29.48 | 4234.11 | 2025.67 | 89.07 | 42.61 | 131.68 | 1.82 | 99.61 | 24.66 | 6.1 | 0.8 | 371.73 | 49.51 | 322.22 | 68.36 |
| 1378 | 2-1319 | 21319 | 4 | 9/30/94 | 4434.47 | 2121.53 | 6556 | 471.34 | 29.48 | 4229.47 | 2023.44 | 88.16 | 42.18 | 130.34 | 1.91 | 94.12 | 24.66 | 6.03 | 0.76 | 377.22 | 48.97 | 328.25 | 69.64 |
| 1379 | 2-1477 | 21477 | 4 | 9/30/94 | 4434.47 | 2121.53 | 6556 | 471.34 | 29.48 | 4226.63 | 2022.09 | 89.17 | 42.66 | 131.83 | 1.95 | 91.45 | 24.59 | 6.22 | 0.78 | 379.89 | 49.66 | 330.23 | 70.06 |
| 1380 | 2-1539 | 21539 | 4 | 9/30/94 | 4434.47 | 2121.53 | 6556 | 471.34 | 29.48 | 4231.41 | 2024.37 | 89.6 | 42.87 | 132.47 | 1.87 | 97.24 | 24.59 | 6.24 | 0.82 | 374.1 | 49.93 | 324.17 | 68.78 |
| 1381 | 2-0011 | 20011 | 5 | 9/30/94 | 4434.47 | 2121.53 | 6556 | 471.34 | 29.48 | 4294.48 | 2054.56 | 77.7 | 37.17 | 114.87 | 0.82 | 159.18 | 25.97 | 3.95 | 0.76 | 312.16 | 41.88 | 270.28 | 57.34 |
| 1382 | 2-1811 | 21811 | 5 | 9/30/94 | 4434.47 | 2121.53 | 6556 | 471.34 | 29.48 | 4295.94 | 2055.29 | 77.2 | 36.93 | 114.13 | 0.8 | 161.23 | 26 | 3.88 | 0.76 | 310.11 | 41.57 | 268.54 | 56.97 |
| 1383 | 1-0897 | 10897 | 5 | 9/30/94 | 7023.86 | 2113.14 | 9137 | 469.48 | 29.36 | 6686.63 | 2011.71 | 140.46 | 42.26 | 182.72 | 2.98 | 78.43 | 24.84 | 5.81 | 0.65 | 391.05 | 48.72 | 342.33 | 72.92 |
| 1384 | 1-1326 | 11326 | 5 | 9/30/94 | 7023.86 | 2113.14 | 9137 | 469.48 | 29.36 | 6703.62 | 2016.81 | 141.25 | 42.5 | 183.75 | 2.68 | 88.63 | 25.01 | 5.59 | 0.66 | 380.85 | 48.75 | 332.1 | 70.74 |
| 1385 | 1-1762 | 11762 | 5 | 9/30/94 | 7023.86 | 2113.14 | 9137 | 469.48 | 29.36 | 6684.49 | 2011.04 | 140.41 | 42.24 | 182.65 | 3.03 | 77.38 | 24.82 | 5.83 | 0.65 | 392.1 | 48.72 | 343.38 | 73.14 |
| 1386 | 1-2426 | 12426 | 5 | 9/30/94 | 7023.86 | 2113.14 | 9137 | 469.48 | 29.36 | 6703.62 | 2016.81 | 141.25 | 42.5 | 183.75 | 2.68 | 88.63 | 25.01 | 5.59 | 0.66 | 380.85 | 48.75 | 332.1 | 70.74 |
| 1387 | 1-1265 | 11265 | 6 | 9/30/94 | 7023.86 | 2113.14 | 9137 | 469.48 | 29.36 | 6705.74 | 2017.44 | 140.4 | 42.24 | 182.64 | 2.62 | 89.63 | 25.03 | 5.51 | 0.64 | 379.85 | 48.39 | 331.46 | 70.60 |
| 1388 | 1-1902 | 11902 | 6 | 9/30/94 | 7023.86 | 2113.14 | 9137 | 469.48 | 29.36 | 6690.02 | 2012.69 | 141.61 | 42.61 | 184.22 | 2.92 | 80.96 | 24.86 | 5.81 | 0.66 | 388.52 | 49.08 | 339.44 | 72.30 |
| 1389 | 1-2273 | 12273 | 6 | 9/30/94 | 7023.86 | 2113.14 | 9137 | 469.48 | 29.36 | 6682.52 | 2010.45 | 140.64 | 42.31 | 182.95 | 3.05 | 76.18 | 24.8 | 5.87 | 0.65 | 393.3 | 48.83 | 344.47 | 73.37 |
| 1390 | 1-2469 | 12469 | 6 | 9/30/94 | 7023.86 | 2113.14 | 9137 | 469.48 | 29.36 | 6682.52 | 2010.45 | 140.64 | 42.31 | 182.95 | 3.05 | 76.18 | 24.8 | 5.87 | 0.65 | 393.3 | 48.83 | 344.47 | 73.37 |
| 1391 | 5-0036 | 50036 | 3 | 3/31/86 | 10652.05 | 2108.95 | 12761 | 468.54 | 29.3 | 10403.14 | 2059.67 | 140.97 | 27.91 | 168.88 | 1.06 | 153.02 | 27.23 | 2.33 | 0.39 | 315.52 | 30.63 | 284.89 | 60.80 |
| 1392 | 5-0190 | 50190 | 3 | 3/31/86 | 10178.24 | 2104.76 | 12283 | 467.61 | 29.25 | 10042.6 | 2076.71 | 98.79 | 20.43 | 119.22 | 0.23 | 257.59 | 28 | 0.99 | 0.38 | 210.02 | 21.8 | 188.22 | 40.25 |
| 1393 | 5-1801 | 51801 | 3 | 3/31/86 | 10178.24 | 2104.76 | 12283 | 467.61 | 29.25 | 10054.98 | 2079.27 | 92.02 | 19.03 | 111.05 | 0.18 | 270.27 | 28.13 | 0.85 | 0.37 | 197.34 | 20.25 | 177.09 | 37.87 |
| 1394 | 1-0894 | 10894 | 4 | 9/30/94 | 7037.24 | 2104.76 | 9142 | 467.61 | 29.25 | 6701.89 | 2004.47 | 140.63 | 42.06 | 182.69 | 2.94 | 79.55 | 24.77 | 5.73 | 0.64 | 388.06 | 48.43 | 339.63 | 72.63 |
| 1395 | 1-2545 | 12545 | 4 | 9/30/94 | 7037.24 | 2104.76 | 9142 | 467.61 | 29.25 | 6701.89 | 2004.47 | 140.63 | 42.06 | 182.69 | 2.94 | 79.55 | 24.77 | 5.73 | 0.64 | 388.06 | 48.43 | 339.63 | 72.63 |
| 1396 | 1-2789 | 12789 | 4 | 9/30/94 | 7037.24 | 2104.76 | 9142 | 467.61 | 29.25 | 6692.91 | 2001.77 | 143.2 | 42.83 | 186.03 | 3.11 | 75.82 | 24.66 | 5.98 | 0.67 | 391.79 | 49.48 | 342.31 | 73.20 |
| 1397 | 1-2855 | 12855 | 4 | 9/30/94 | 7037.24 | 2104.76 | 9142 | 467.61 | 29.25 | 6692.91 | 2001.77 | 143.2 | 42.83 | 186.03 | 3.11 | 75.82 | 24.66 | 5.98 | 0.67 | 391.79 | 49.48 | 342.31 | 73.20 |
| 1398 | 5-2031 | 52031 | 3 | 3/31/86 | 10603.43 | 2100.57 | 12704 | 466.68 | 29.19 | 10362.5 | 2052.84 | 139.07 | 27.55 | 166.62 | 0.99 | 157.46 | 27.18 | 2.23 | 0.39 | 309.22 | 30.17 | 279.05 | 59.79 |
| 1399 | 1-0306 | 10306 | 4 | 9/30/94 | 7116.43 | 2100.57 | 9217 | 466.68 | 29.19 | 6792.74 | 2005.03 | 142.98 | 42.2 | 185.18 | 2.69 | 88.84 | 24.86 | 5.53 | 0.65 | 377.84 | 48.38 | 329.46 | 70.60 |
| 1400 | 1-0864 | 10864 | 4 | 9/30/94 | 7116.43 | 2100.57 | 9217 | 466.68 | 29.19 | 6724.78 | 1984.96 | 151.35 | 44.67 | 196.02 | 3.99 | 63.77 | 23.97 | 6.92 | 0.75 | 402.91 | 52.34 | 350.57 | 75.12 |
| 1401 | 1-0888 | 10888 | 4 | 9/30/94 | 7116.43 | 2100.57 | 9217 | 466.68 | 29.19 | 6792.74 | 2005.03 | 142.98 | 42.2 | 185.18 | 2.69 | 88.84 | 24.86 | 5.53 | 0.65 | 377.84 | 48.38 | 329.46 | 70.60 |
| 1402 | 1-0977 | 10977 | 4 | 9/30/94 | 7116.43 | 2100.57 | 9217 | 466.68 | 29.19 | 6699.39 | 1977.48 | 152.03 | 44.87 | 196.9 | 4.55 | 54.12 | 23.72 | 7.32 | 0.79 | 412.56 | 52.98 | 359.58 | 77.05 |
| 1403 | 1-1155 | 11155 | 4 | 9/30/94 | 7116.43 | 2100.57 | 9217 | 466.68 | 29.19 | 6711.13 | 1980.96 | 148.98 | 43.98 | 192.96 | 4.28 | 57.19 | 23.87 | 7.01 | 0.74 | 409.49 | 51.73 | 357.76 | 76.66 |
| 1404 | 1-1753 | 11753 | 4 | 9/30/94 | 7116.43 | 2100.57 | 9217 | 466.68 | 29.19 | 6711.13 | 1980.96 | 148.98 | 43.98 | 192.96 | 4.28 | 57.19 | 23.87 | 7.01 | 0.74 | 409.49 | 51.73 | 357.76 | 76.66 |
| 1405 | 1-2375 | 12375 | 4 | 9/30/94 | 7116.43 | 2100.57 | 9217 | 466.68 | 29.19 | 6724.78 | 1984.96 | 151.35 | 44.67 | 196.02 | 3.99 | 63.77 | 23.97 | 6.92 | 0.75 | 402.91 | 52.34 | 350.57 | 75.12 |
| 1406 | 1-2705 | 12705 | 4 | 9/30/94 | 7116.43 | 2100.57 | 9217 | 466.68 | 29.19 | 6699.39 | 1977.48 | 152.03 | 44.87 | 196.9 | 4.55 | 54.12 | 23.72 | 7.32 | 0.79 | 412.56 | 52.98 | 359.58 | 77.05 |
| 1407 | 5-0831 | 50831 | 3 | 3/31/86 | 9695.63 | 2096.37 | 11792 | 465.75 | 29.13 | 9489.43 | 2051.79 | 128.03 | 27.68 | 155.71 | 0.72 | 185.04 | 27.14 | 2.05 | 0.43 | 280.71 | 30.16 | 250.55 | 53.79 |
| 1408 | 5-2235 | 52235 | 3 | 3/31/86 | 9695.63 | 2096.37 | 11792 | 465.75 | 29.13 | 9505.44 | 2055.25 | 121.61 | 26.29 | 147.9 | 0.59 | 196.8 | 27.31 | 1.81 | 0.42 | 268.95 | 28.52 | 240.43 | 51.62 |
| 1409 | 5-2556 | 52556 | 3 | 3/31/86 | 9802.21 | 2083.79 | 11886 | 462.96 | 28.96 | 9585.98 | 2037.83 | 131.46 | 27.95 | 159.41 | 0.79 | 176.3 | 26.92 | 2.14 | 0.42 | 286.66 | 30.51 | 256.15 | 55.33 |
| 1410 | 5-2688 | 52688 | 3 | 3/31/86 | 9802.21 | 2083.79 | 11886 | 462.96 | 28.96 | 9663.85 | 2054.38 | 98.78 | 21 | 119.78 | 0.26 | 245.36 | 27.67 | 1.06 | 0.37 | 217.6 | 22.43 | 195.17 | 42.16 |
| 1411 | 1-0304 | 10304 | 2 | 5/13/81 | 10193.36 | 2058.64 | 12252 | 457.37 | 28.61 | 9987.25 | 2017.01 | 143.42 | 28.97 | 172.39 | 0.68 | 224.5 | 26.37 | 2.11 | 0.72 | 232.87 | 31.8 | 201.07 | 43.96 |
| 1412 | 1-0396 | 10396 | 2 | 5/13/81 | 10193.36 | 2058.64 | 12252 | 457.37 | 28.61 | 9974.13 | 2014.36 | 147.84 | 29.86 | 177.7 | 0.79 | 212.83 | 26.27 | 2.26 | 0.69 | 244.54 | 32.81 | 211.73 | 46.29 |
| 1413 | 1-1497 | 11497 | 2 | 5/13/81 | 10193.36 | 2058.64 | 12252 | 457.37 | 28.61 | 9982.08 | 2015.97 | 144.69 | 29.22 | 173.91 | 0.72 | 216.87 | 26.38 | 2.15 | 0.69 | 240.5 | 32.06 | 208.44 | 45.57 |
| 1414 | 1-1535 | 11535 | 2 | 5/13/81 | 10193.36 | 2058.64 | 12252 | 457.37 | 28.61 | 10020.3 | 2023.69 | 128.48 | 25.95 | 154.43 | 0.42 | 255.55 | 26.71 | 1.59 | 0.73 | 201.82 | 28.27 | 173.55 | 37.95 |
| 1415 | 1-2256 | 12256 | 2 | 5/13/81 | 10193.36 | 2058.64 | 12252 | 457.37 | 28.61 | 10020.3 | 2023.69 | 128.48 | 25.95 | 154.43 | 0.42 | 255.55 | 26.71 | 1.59 | 0.73 | 201.82 | 28.27 | 173.55 | 37.95 |
| 1416 | 1-2364 | 12364 | 2 | 5/13/81 | 10193.36 | 2058.64 | 12252 | 457.37 | 28.61 | 9974.13 | 2014.36 | 147.84 | 29.86 | 177.7 | 0.79 | 212.83 | 26.27 | 2.26 | 0.69 | 244.54 | 32.81 | 211.73 | 46.29 |
| 1417 | 2-0513 | 20513 | 5 | 9/30/94 | 4232.55 | 2054.45 | 6287 | 456.43 | 28.55 | 4045.58 | 1963.68 | 84.3 | 40.92 | 125.22 | 1.63 | 100.71 | 24.09 | 5.5 | 0.71 | 355.72 | 47.13 | 308.59 | 67.61 |
| 1418 | 2-4108 | 24108 | 5 | 9/30/94 | 4232.55 | 2054.45 | 6287 | 456.43 | 28.55 | 4050.01 | 1965.82 | 85.1 | 41.31 | 126.41 | 1.55 | 106.99 | 24.09 | 5.55 | 0.76 | 349.44 | 47.62 | 301.82 | 66.13 |
| 1419 | 2-4925 | 24925 | 5 | 9/30/94 | 4232.55 | 2054.45 | 6287 | 456.43 | 28.55 | 4047.41 | 1964.58 | 84.63 | 41.08 | 125.71 | 1.59 | 102.72 | 24.12 | 5.47 | 0.72 | 353.71 | 47.27 | 306.44 | 67.14 |
| 1420 | 2-5007 | 25007 | 5 | 9/30/94 | 4232.55 | 2054.45 | 6287 | 456.43 | 28.55 | 4053.3 | 1967.43 | 84.75 | 41.14 | 125.89 | 1.5 | 110.73 | 24.15 | 5.42 | 0.76 | 345.7 | 47.32 | 298.38 | 65.37 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1421 | 2-0102 | 20102 | 6 | 9/30/94 | 4232.55 | 2054.45 | 6287 | 456.43 | 28.55 | 4032.49 | 1957.35 | 85.74 | 41.62 | 127.36 | 1.88 | 88.63 | 23.82 | 5.99 | 0.74 | 367.8 | 48.35 | 319.45 | 69.99 |
| 1422 | 2-1232 | 21232 | 6 | 9/30/94 | 4232.55 | 2054.45 | 6287 | 456.43 | 28.55 | 4033.21 | 1957.63 | 85.45 | 41.48 | 126.93 | 1.86 | 88.8 | 23.85 | 5.92 | 0.73 | 367.63 | 48.13 | 319.5 | 70.00 |
| 1423 | 2-1603 | 21603 | 6 | 9/30/94 | 4232.55 | 2054.45 | 6287 | 456.43 | 28.55 | 4085.72 | 1983.21 | 76.68 | 37.22 | 113.9 | 0.97 | 136.05 | 24.9 | 4.29 | 0.73 | 320.38 | 42.24 | 278.14 | 60.94 |
| 1424 | 2-1933 | 21933 | 6 | 9/30/94 | 4232.55 | 2054.45 | 6287 | 456.43 | 28.55 | 4035.88 | 1958.96 | 86.01 | 41.75 | 127.76 | 1.83 | 92.26 | 23.81 | 6.06 | 0.78 | 364.17 | 48.59 | 315.58 | 69.14 |
| 1425 | 2-5154 | 25154 | 6 | 9/30/94 | 4232.55 | 2054.45 | 6287 | 456.43 | 28.55 | 4037.33 | 1959.69 | 85.94 | 41.72 | 127.66 | 1.79 | 93.78 | 23.84 | 5.98 | 0.77 | 362.65 | 48.47 | 314.18 | 68.83 |
| 1426 | 1-0199 | 10199 | 2 | 5/13/81 | 11100.75 | 2050.25 | 13151 | 455.50 | 28.49 | 10944.46 | 2021.39 | 117.75 | 21.75 | 139.5 | 0.3 | 264.74 | 26.97 | 1.17 | 0.61 | 190.76 | 23.53 | 167.23 | 36.71 |
| 1427 | 1-0515 | 10515 | 2 | 5/13/81 | 11100.75 | 2050.25 | 13151 | 455.50 | 28.49 | 10970.64 | 2026.22 | 102.71 | 18.97 | 121.68 | 0.18 | 290.68 | 27.21 | 0.86 | 0.58 | 164.82 | 20.41 | 144.41 | 31.70 |
| 1428 | 1-2759 | 12759 | 2 | 5/13/81 | 11100.75 | 2050.25 | 13151 | 455.50 | 28.49 | 10970.64 | 2026.22 | 102.71 | 18.97 | 121.68 | 0.18 | 290.68 | 27.21 | 0.86 | 0.58 | 164.82 | 20.41 | 144.41 | 31.70 |
| 1429 | 2-1859 | 21859 | 6 | 9/30/94 | 4076.75 | 2050.25 | 6127 | 455.50 | 28.49 | 3933.18 | 1978.05 | 74.36 | 37.39 | 111.75 | 0.96 | 132.91 | 24.82 | 4.35 | 0.73 | 322.59 | 42.47 | 280.12 | 61.50 |
| 1430 | 1-0175 | 10175 | 2 | 5/13/81 | 11059.13 | 2041.87 | 13101 | 453.64 | 28.37 | 10913.45 | 2014.97 | 111.76 | 20.63 | 132.39 | 0.25 | 271.23 | 26.97 | 1.06 | 0.6 | 182.41 | 22.29 | 160.12 | 35.30 |
| 1431 | 1-0419 | 10419 | 2 | 5/13/81 | 10549.13 | 2041.87 | 12591 | 453.64 | 28.37 | 10362.2 | 2005.68 | 134.32 | 26 | 160.32 | 0.5 | 240.1 | 26.43 | 1.67 | 0.66 | 213.54 | 28.33 | 185.21 | 40.83 |
| 1432 | 1-1961 | 11961 | 2 | 5/13/81 | 10549.13 | 2041.87 | 12591 | 453.64 | 28.37 | 10380.51 | 2009.23 | 124.52 | 24.1 | 148.62 | 0.38 | 254.96 | 26.63 | 1.4 | 0.65 | 198.68 | 26.15 | 172.53 | 38.03 |
| 1433 | 1-0424 | 10424 | 1 | 2/1/79 | 10822.33 | 2037.67 | 12860 | 452.71 | 28.31 | 10716.71 | 2017.79 | 88.49 | 16.66 | 105.15 | 0.11 | 319.55 | 27.25 | 0.61 | 0.54 | 133.16 | 17.81 | 115.35 | 25.48 |
| 1434 | 1-0812 | 10812 | 2 | 5/13/81 | 10822.33 | 2037.67 | 12860 | 452.71 | 28.31 | 10565.99 | 1989.41 | 164.93 | 31.05 | 195.98 | 1.07 | 190.34 | 25.82 | 2.57 | 0.63 | 262.37 | 34.25 | 228.12 | 50.39 |
| 1435 | 1-1571 | 11571 | 2 | 5/13/81 | 10822.33 | 2037.67 | 12860 | 452.71 | 28.31 | 10649.83 | 2005.2 | 127.82 | 24.07 | 151.89 | 0.38 | 254.09 | 26.6 | 1.39 | 0.6 | 198.62 | 26.06 | 172.56 | 38.12 |
| 1436 | 1-0308 | 10308 | 2 | 5/13/81 | 9905.52 | 2033.48 | 11939 | 451.78 | 28.26 | 9696.69 | 1990.61 | 141.64 | 29.08 | 170.72 | 0.72 | 212.11 | 26.02 | 2.14 | 0.66 | 239.67 | 31.88 | 207.79 | 45.99 |
| 1437 | 1-0538 | 10538 | 2 | 5/13/81 | 9905.52 | 2033.48 | 11939 | 451.78 | 28.26 | 9696.69 | 1990.61 | 141.64 | 29.08 | 170.72 | 0.72 | 212.11 | 26.02 | 2.14 | 0.66 | 239.67 | 31.88 | 207.79 | 45.99 |
| 1438 | 1-2777 | 12777 | 2 | 5/13/81 | 9905.52 | 2033.48 | 11939 | 451.78 | 28.26 | 9700.2 | 1991.33 | 140.61 | 28.87 | 169.48 | 0.7 | 214.22 | 26.06 | 2.12 | 0.68 | 237.56 | 31.67 | 205.89 | 45.57 |
| 1439 | 5-0129 | 50129 | 3 | 3/31/86 | 10748.52 | 2033.48 | 12782 | 451.78 | 28.26 | 10549.4 | 1995.81 | 126.37 | 23.91 | 150.28 | 0.59 | 186.23 | 26.67 | 1.61 | 0.35 | 265.55 | 25.87 | 239.68 | 53.05 |
| 1440 | 5-2416 | 52416 | 3 | 3/31/86 | 10748.52 | 2033.48 | 12782 | 451.78 | 28.26 | 10622.95 | 2009.73 | 93.02 | 17.6 | 110.62 | 0.18 | 255.78 | 27.27 | 0.77 | 0.31 | 196 | 18.68 | 177.32 | 39.25 |
| 1441 | 1-0015 | 10015 | 5 | 9/30/94 | 10792.52 | 2033.48 | 12826 | 451.78 | 28.26 | 10521 | 1982.33 | 164.23 | 30.94 | 195.17 | 1.16 | 171.99 | 25.59 | 2.89 | 0.68 | 279.79 | 34.51 | 245.28 | 54.29 |
| 1442 | 1-0310 | 10310 | 5 | 9/30/94 | 10792.52 | 2033.48 | 12826 | 451.78 | 28.26 | 10519.62 | 1982.07 | 164.45 | 30.98 | 195.43 | 1.17 | 170.07 | 25.59 | 2.91 | 0.68 | 281.71 | 34.57 | 247.14 | 54.70 |
| 1443 | 1-2904 | 12904 | 5 | 9/30/94 | 10675.52 | 2033.48 | 12709 | 451.78 | 28.26 | 10123.89 | 1928.42 | 219.69 | 41.85 | 261.54 | 5.69 | 66.54 | 23.11 | 6.97 | 0.79 | 385.24 | 49.61 | 335.63 | 74.29 |
| 1444 | 1-2738 | 12738 | 2 | 5/13/81 | 10841.71 | 2029.29 | 12871 | 450.85 | 28.2 | 10585.23 | 1981.28 | 165.91 | 31.05 | 196.96 | 1.08 | 189.36 | 25.72 | 2.6 | 0.65 | 261.49 | 34.3 | 227.19 | 50.39 |
| 1445 | 1-1770 | 11770 | 5 | 9/30/94 | 10818.71 | 2029.29 | 12848 | 450.85 | 28.2 | 10390.59 | 1948.99 | 218.39 | 40.96 | 259.35 | 3.26 | 113.84 | 23.94 | 5.6 | 0.87 | 337.01 | 47.43 | 289.58 | 64.23 |
| 1446 | 1-0471 | 10471 | 2 | 5/13/81 | 10609.1 | 2020.9 | 12630 | 448.98 | 28.08 | 10412.24 | 1983.4 | 140.18 | 26.7 | 166.88 | 0.56 | 232.91 | 26.05 | 1.8 | 0.69 | 216.07 | 29.19 | 186.88 | 41.62 |
| 1447 | 1-2843 | 12843 | 5 | 9/30/94 | 11246.1 | 2020.9 | 13267 | 448.98 | 28.08 | 10964.26 | 1970.25 | 175.07 | 31.46 | 206.53 | 1.18 | 176.8 | 25.38 | 2.98 | 0.74 | 272.18 | 35.18 | 237 | 52.79 |
| 1448 | 1-0486 | 10486 | 5 | 9/30/94 | 10564.29 | 2016.71 | 12581 | 448.05 | 28.02 | 10145.05 | 1936.69 | 210.31 | 40.15 | 250.46 | 3.22 | 110.2 | 23.85 | 5.46 | 0.83 | 337.85 | 46.44 | 291.41 | 65.04 |
| 1449 | 1-0708 | 10708 | 5 | 9/30/94 | 11354.29 | 2016.71 | 13371 | 448.05 | 28.02 | 11069 | 1966.05 | 177.07 | 31.45 | 208.52 | 1.21 | 174.79 | 25.32 | 3.01 | 0.75 | 273.26 | 35.21 | 238.05 | 53.13 |
| 1450 | 1-1453 | 11453 | 5 | 9/30/94 | 10564.29 | 2016.71 | 12581 | 448.05 | 28.02 | 10148.83 | 1937.4 | 207.02 | 39.52 | 246.54 | 3.12 | 110.8 | 23.89 | 5.33 | 0.79 | 337.25 | 45.64 | 291.61 | 65.08 |
| 1451 | 1-1723 | 11723 | 5 | 9/30/94 | 10564.29 | 2016.71 | 12581 | 448.05 | 28.02 | 10148.41 | 1937.32 | 204.16 | 38.98 | 243.14 | 3.16 | 108.02 | 23.93 | 5.26 | 0.76 | 340.03 | 45 | 295.03 | 65.85 |
| 1452 | 1-2141 | 12141 | 5 | 9/30/94 | 10564.29 | 2016.71 | 12581 | 448.05 | 28.02 | 10150.07 | 1937.64 | 203.66 | 38.88 | 242.54 | 3.13 | 108.61 | 23.95 | 5.23 | 0.76 | 339.44 | 44.87 | 294.57 | 65.74 |
| 1453 | 1-2454 | 12454 | 5 | 9/30/94 | 11354.29 | 2016.71 | 13371 | 448.05 | 28.02 | 11069 | 1966.05 | 174.87 | 31.06 | 205.93 | 1.23 | 172.12 | 25.35 | 2.96 | 0.72 | 275.93 | 34.74 | 241.19 | 53.83 |
| 1454 | 1-2808 | 12808 | 5 | 9/30/94 | 10564.29 | 2016.71 | 12581 | 448.05 | 28.02 | 10145.05 | 1936.67 | 213.1 | 40.68 | 253.78 | 3.15 | 113.75 | 23.8 | 5.51 | 0.84 | 334.3 | 47.03 | 287.27 | 64.12 |
| 1455 | 1-2915 | 12915 | 5 | 9/30/94 | 11354.29 | 2016.71 | 13371 | 448.05 | 28.02 | 11070.98 | 1966.4 | 173.25 | 30.77 | 204.02 | 1.19 | 173.08 | 25.37 | 2.9 | 0.69 | 274.97 | 34.36 | 240.61 | 53.70 |
| 1456 | 4-2464 | 42464 | 1 | 2/1/79 | 10614.67 | 2008.33 | 12623 | 446.19 | 27.91 | 10561.75 | 1998.31 | 48.1 | 9.1 | 57.2 | 0.02 | 369.52 | 27.36 | 0.19 | 0.39 | 76.67 | 9.68 | 66.99 | 15.01 |
| 1457 | 5-1865 | 51865 | 3 | 3/31/86 | 10261.67 | 2008.33 | 12270 | 446.19 | 27.91 | 10070.25 | 1970.86 | 120.87 | 23.66 | 144.53 | 0.58 | 182.49 | 26.35 | 1.57 | 0.34 | 263.7 | 25.57 | 238.13 | 53.37 |
| 1458 | 5-1974 | 51974 | 3 | 3/31/86 | 10261.67 | 2008.33 | 12270 | 446.19 | 27.91 | 10140.22 | 1984.56 | 89.48 | 17.51 | 106.99 | 0.18 | 250.25 | 26.94 | 0.76 | 0.3 | 195.94 | 18.57 | 177.37 | 39.75 |
| 1459 | 5-2001 | 52001 | 3 | 3/31/86 | 10261.67 | 2008.33 | 12270 | 446.19 | 27.91 | 10141.38 | 1984.78 | 88.74 | 17.37 | 106.11 | 0.17 | 251.41 | 26.94 | 0.75 | 0.3 | 194.78 | 18.42 | 176.36 | 39.53 |
| 1460 | 5-2349 | 52349 | 3 | 3/31/86 | 10261.67 | 2008.33 | 12270 | 446.19 | 27.91 | 10068.54 | 1970.53 | 121.18 | 23.72 | 144.9 | 0.59 | 180.57 | 26.34 | 1.59 | 0.34 | 265.62 | 25.65 | 239.97 | 53.78 |
| 1461 | 1-0537 | 10537 | 1 | 2/1/79 | 10795.87 | 2004.13 | 12800 | 445.26 | 27.85 | 10681.6 | 1982.92 | 94.2 | 17.49 | 111.69 | 0.14 | 304.18 | 26.71 | 0.69 | 0.54 | 141.08 | 18.72 | 122.36 | 27.48 |
| 1462 | 1-1459 | 11459 | 1 | 2/1/79 | 11021.87 | 2004.13 | 13026 | 445.26 | 27.85 | 10960.67 | 1993.01 | 54.85 | 9.97 | 64.82 | 0.02 | 358.9 | 27.26 | 0.23 | 0.39 | 86.36 | 10.59 | 75.77 | 17.02 |
| 1463 | 1-2255 | 12255 | 1 | 2/1/79 | 11021.87 | 2004.13 | 13026 | 445.26 | 27.85 | 10917.16 | 1985.09 | 88.2 | 16.04 | 104.24 | 0.11 | 317.97 | 26.82 | 0.57 | 0.53 | 127.29 | 17.14 | 110.15 | 24.74 |
| 1464 | 1-0681 | 10681 | 1 | 2/1/79 | 10774.06 | 1999.94 | 12774 | 444.33 | 27.79 | 10636.16 | 1974.34 | 109.4 | 20.31 | 129.71 | 0.24 | 280.58 | 26.42 | 0.95 | 0.58 | 163.75 | 21.84 | 141.91 | 31.94 |
| 1465 | 1-0276 | 10276 | 2 | 5/13/81 | 11007.06 | 1999.94 | 13007 | 444.33 | 27.79 | 10746.67 | 1952.63 | 168.44 | 30.61 | 199.05 | 1.1 | 186.62 | 25.35 | 2.56 | 0.64 | 257.71 | 33.81 | 223.9 | 50.39 |
| 1466 | 1-0368 | 10368 | 2 | 5/13/81 | 10649.06 | 1999.94 | 12649 | 444.33 | 27.79 | 10438.86 | 1960.46 | 145.62 | 27.35 | 172.97 | 0.66 | 218.5 | 25.72 | 1.9 | 0.61 | 225.83 | 29.86 | 195.97 | 44.10 |
| 1467 | 1-0727 | 10727 | 2 | 5/13/81 | 11007.06 | 1999.94 | 13007 | 444.33 | 27.79 | 10804.87 | 1963.2 | 144.97 | 26.34 | 171.31 | 0.57 | 232.81 | 25.79 | 1.77 | 0.69 | 211.52 | 28.8 | 182.72 | 41.12 |
| 1468 | 1-0736 | 10736 | 2 | 5/13/81 | 11007.06 | 1999.94 | 13007 | 444.33 | 27.79 | 10807.04 | 1963.6 | 143.62 | 26.1 | 169.72 | 0.54 | 236.38 | 25.8 | 1.71 | 0.69 | 207.95 | 28.5 | 179.45 | 40.39 |
| 1469 | 1-0858 | 10858 | 2 | 5/13/81 | 10649.06 | 1999.94 | 12649 | 444.33 | 27.79 | 10399.4 | 1953.05 | 162 | 30.42 | 192.42 | 1.02 | 190.15 | 25.37 | 2.48 | 0.63 | 254.18 | 33.53 | 220.65 | 49.66 |
| 1470 | 1-0989 | 10989 | 2 | 5/13/81 | 11007.06 | 1999.94 | 13007 | 444.33 | 27.79 | 10784.5 | 1959.5 | 154.87 | 28.14 | 183.01 | 0.73 | 218.1 | 25.62 | 2.05 | 0.7 | 226.23 | 30.89 | 195.34 | 43.96 |
| 1471 | 1-2155 | 12155 | 2 | 5/13/81 | 11074.06 | 1999.94 | 13074 | 444.33 | 27.79 | 10870.64 | 1963.2 | 145.86 | 26.34 | 172.2 | 0.57 | 232.81 | 25.79 | 1.77 | 0.69 | 211.52 | 28.8 | 182.72 | 41.12 |
| 1472 | 1-2515 | 12515 | 2 | 5/13/81 | 11007.06 | 1999.94 | 13007 | 444.33 | 27.79 | 10901.98 | 1980.85 | 86.63 | 15.74 | 102.37 | 0.1 | 307.39 | 26.78 | 0.59 | 0.52 | 136.94 | 16.85 | 120.09 | 27.03 |
| 1473 | 1-0823 | 10823 | 5 | 9/30/94 | 10609.06 | 1999.94 | 12609 | 444.33 | 27.79 | 10052.12 | 1894.95 | 226.5 | 42.7 | 269.2 | 5.86 | 65.54 | 22.61 | 7.18 | 0.85 | 378.79 | 50.73 | 328.06 | 73.83 |
| 1474 | 1-0896 | 10896 | 5 | 9/30/94 | 10609.06 | 1999.94 | 12609 | 444.33 | 27.79 | 10057.66 | 1896 | 222.66 | 41.97 | 264.63 | 5.69 | 66.85 | 22.66 | 6.99 | 0.8 | 377.48 | 49.76 | 327.72 | 73.76 |
| 1475 | 1-0939 | 10939 | 5 | 9/30/94 | 10609.06 | 1999.94 | 12609 | 444.33 | 27.79 | 10051.15 | 1894.76 | 229.57 | 43.28 | 272.85 | 5.8 | 67.98 | 22.55 | 7.25 | 0.85 | 376.35 | 51.38 | 324.97 | 73.14 |
| 1476 | 1-1445 | 11445 | 5 | 9/30/94 | 10609.06 | 1999.94 | 12609 | 444.33 | 27.79 | 10049.14 | 1894.39 | 231.26 | 43.6 | 274.86 | 5.89 | 66.92 | 22.54 | 7.34 | 0.87 | 377.41 | 51.81 | 325.6 | 73.28 |
| 1477 | 1-1718 | 11718 | 5 | 9/30/94 | 10609.06 | 1999.94 | 12609 | 444.33 | 27.79 | 10057.52 | 1895.97 | 219.16 | 41.31 | 260.47 | 5.71 | 64.67 | 22.71 | 6.9 | 0.78 | 379.66 | 48.99 | 330.67 | 74.42 |
| 1478 | 1-1035 | 11035 | 1 | 2/1/79 | 10643.25 | 1995.75 | 12639 | 443.39 | 27.73 | 10556.86 | 1979.55 | 73.67 | 13.81 | 87.48 | 0.07 | 323.37 | 26.88 | 0.45 | 0.48 | 120.02 | 14.74 | 105.28 | 23.74 |
| 1479 | 2-0496 | 20496 | 4 | 9/30/94 | 4403.25 | 1995.75 | 6399 | 443.39 | 27.73 | 4254.65 | 1928.38 | 78.58 | 35.62 | 114.2 | 0.95 | 134.81 | 24.28 | 4.04 | 0.71 | 308.58 | 40.37 | 268.21 | 60.49 |
| 1480 | 2-2164 | 22164 | 4 | 9/30/94 | 4403.25 | 1995.75 | 6399 | 443.39 | 27.73 | 4251.5 | 1926.99 | 79.33 | 35.96 | 115.29 | 1 | 131.27 | 24.2 | 4.17 | 0.72 | 312.12 | 40.85 | 271.27 | 61.18 |
| 1481 | 1-0791 | 10791 | 1 | 2/1/79 | 10671.45 | 1991.55 | 12663 | 442.46 | 27.67 | 10594.49 | 1977.19 | 66.58 | 12.43 | 79.01 | 0.05 | 332.03 | 26.93 | 0.36 | 0.44 | 110.43 | 13.23 | 97.2 | 21.97 |
| 1482 | 1-1099 | 11099 | 1 | 2/1/79 | 10671.45 | 1991.55 | 12663 | 442.46 | 27.67 | 10595.99 | 1977.47 | 65.54 | 12.23 | 77.77 | 0.05 | 334.98 | 26.94 | 0.35 | 0.44 | 107.48 | 13.02 | 94.46 | 21.35 |
| 1483 | 1-1178 | 11178 | 1 | 2/1/79 | 10671.45 | 1991.55 | 12663 | 442.46 | 27.67 | 10595.99 | 1977.47 | 65.54 | 12.23 | 77.77 | 0.05 | 334.98 | 26.94 | 0.35 | 0.44 | 107.48 | 13.02 | 94.46 | 21.35 |
| 1484 | 1-2682 | 12682 | 1 | 2/1/79 | 10671.45 | 1991.55 | 12663 | 442.46 | 27.67 | 10593.77 | 1977.06 | 67.27 | 12.55 | 79.82 | 0.05 | 332.67 | 26.91 | 0.37 | 0.45 | 109.79 | 13.37 | 96.42 | 21.79 |
| 1485 | 1-0161 | 10161 | 2 | 5/13/81 | 10617.45 | 1991.55 | 12609 | 442.46 | 27.67 | 10474.56 | 1964.75 | 108.75 | 20.4 | 129.15 | 0.25 | 261.7 | 26.28 | 1.05 | 0.57 | 180.76 | 22.02 | 158.74 | 35.88 |
| 1486 | 1-0380 | 10380 | 2 | 5/13/81 | 10617.45 | 1991.55 | 12609 | 442.46 | 27.67 | 10477.58 | 1965.32 | 107.29 | 20.13 | 127.42 | 0.24 | 264.55 | 26.31 | 1.03 | 0.58 | 177.91 | 21.74 | 156.17 | 35.30 |
| 1487 | 1-0792 | 10792 | 2 | 5/13/81 | 10834.45 | 1991.55 | 12826 | 442.46 | 27.67 | 10605.49 | 1949.47 | 155.5 | 28.58 | 184.08 | 0.79 | 208.43 | 25.45 | 2.13 | 0.64 | 234.03 | 31.35 | 202.68 | 45.81 |
| 1488 | 1-1142 | 11142 | 2 | 5/13/81 | 10617.45 | 1991.55 | 12609 | 442.46 | 27.67 | 10467.96 | 1963.51 | 112.63 | 21.13 | 133.76 | 0.29 | 257.16 | 26.2 | 1.14 | 0.59 | 185.3 | 22.86 | 162.44 | 36.71 |
| 1489 | 1-1210 | 11210 | 2 | 5/13/81 | 10617.45 | 1991.55 | 12609 | 442.46 | 27.67 | 10505.9 | 1970.63 | 89.95 | 16.87 | 106.82 | 0.13 | 294.99 | 26.57 | 0.68 | 0.54 | 147.47 | 18.09 | 129.38 | 29.24 |
| 1490 | 1-1727 | 11727 | 2 | 5/13/81 | 10834.45 | 1991.55 | 12826 | 442.46 | 27.67 | 10639.89 | 1955.79 | 141.47 | 26.01 | 167.48 | 0.52 | 236.61 | 25.76 | 1.68 | 0.67 | 205.85 | 28.36 | 177.49 | 40.11 |
| 1491 | 1-1913 | 11913 | 2 | 5/13/81 | 10834.45 | 1991.55 | 12826 | 442.46 | 27.67 | 10598.26 | 1948.14 | 159.54 | 29.33 | 188.87 | 0.87 | 204.12 | 25.38 | 2.26 | 0.66 | 238.34 | 32.25 | 206.09 | 46.58 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1492 | 1-2038 | 12038 | 2 | 5/13/81 | 10834.45 | 1991.55 | 12826 | 442.46 | 27.67 | 10614.77 | 1951.17 | 152.41 | 28.02 | 180.43 | 0.71 | 216.88 | 25.53 | 2.01 | 0.66 | 225.58 | 30.69 | 194.89 | 44.05 |
| 1493 | 1-2156 | 12156 | 2 | 5/13/81 | 10617.45 | 1991.55 | 12609 | 442.46 | 27.67 | 10474.56 | 1964.75 | 108.75 | 20.4 | 129.15 | 0.25 | 261.7 | 26.28 | 1.05 | 0.57 | 180.76 | 22.02 | 158.74 | 35.88 |
| 1494 | 1-2223 | 12223 | 2 | 5/13/81 | 10617.45 | 1991.55 | 12609 | 442.46 | 27.67 | 10493 | 1968.21 | 98.24 | 18.43 | 116.67 | 0.17 | 282.36 | 26.43 | 0.84 | 0.57 | 160.1 | 19.84 | 140.26 | 31.70 |
| 1495 | 1-2306 | 12306 | 2 | 5/13/81 | 10617.45 | 1991.55 | 12609 | 442.46 | 27.67 | 10504.02 | 1970.28 | 91.06 | 17.08 | 108.14 | 0.13 | 292.34 | 26.56 | 0.7 | 0.53 | 150.12 | 18.31 | 131.81 | 29.79 |
| 1496 | 1-2415 | 12415 | 2 | 5/13/81 | 10834.45 | 1991.55 | 12826 | 442.46 | 27.67 | 10598.26 | 1948.14 | 159.54 | 29.33 | 188.87 | 0.87 | 204.12 | 25.38 | 2.26 | 0.66 | 238.34 | 32.25 | 206.09 | 46.58 |
| 1497 | 1-4716 | 14716 | 2 | 5/13/81 | 10834.45 | 1991.55 | 12826 | 442.46 | 27.67 | 10621.27 | 1952.37 | 149.05 | 27.4 | 176.45 | 0.65 | 222.26 | 25.58 | 1.89 | 0.64 | 220.2 | 29.93 | 190.27 | 43.00 |
| 1498 | 5-0785 | 50785 | 1 | 2/1/79 | 11333.64 | 1987.36 | 13321 | 441.53 | 27.62 | 11287.92 | 1979.34 | 41.9 | 7.35 | 49.25 | 0.01 | 371.53 | 27.21 | 0.13 | 0.29 | 70 | 7.77 | 62.23 | 14.09 |
| 1499 | 5-2238 | 52238 | 1 | 2/1/79 | 11333.64 | 1987.36 | 13321 | 441.53 | 27.62 | 11295.85 | 1980.74 | 35.2 | 6.17 | 41.37 | 0.01 | 383.42 | 27.28 | 0.1 | 0.26 | 58.11 | 6.53 | 51.58 | 11.68 |
| 1500 | 1-0347 | 10347 | 2 | 5/13/81 | 10966.64 | 1987.36 | 12954 | 441.53 | 27.62 | 10836.41 | 1963.76 | 103.11 | 18.69 | 121.8 | 0.18 | 283.15 | 26.34 | 0.86 | 0.59 | 158.38 | 20.14 | 138.24 | 31.31 |
| 1501 | 1-0874 | 10874 | 2 | 5/13/81 | 10556.64 | 1987.36 | 12544 | 441.53 | 27.62 | 10414.53 | 1960.61 | 108.98 | 20.52 | 129.5 | 0.25 | 263.82 | 26.2 | 1.07 | 0.6 | 177.71 | 22.19 | 155.52 | 35.22 |
| 1502 | 1-0901 | 10901 | 2 | 5/13/81 | 10966.64 | 1987.36 | 12954 | 441.53 | 27.62 | 10772.31 | 1952.15 | 139.64 | 25.3 | 164.94 | 0.52 | 233.69 | 25.73 | 1.63 | 0.65 | 207.84 | 27.58 | 180.26 | 40.83 |
| 1503 | 1-1184 | 11184 | 2 | 5/13/81 | 10556.64 | 1987.36 | 12544 | 441.53 | 27.62 | 10428.51 | 1963.24 | 100.94 | 19 | 119.94 | 0.18 | 279.3 | 26.33 | 0.89 | 0.59 | 162.23 | 20.48 | 141.75 | 32.10 |
| 1504 | 1-1268 | 11268 | 2 | 5/13/81 | 10556.64 | 1987.36 | 12544 | 441.53 | 27.62 | 10428.51 | 1963.24 | 100.94 | 19 | 119.94 | 0.18 | 279.3 | 26.33 | 0.89 | 0.59 | 162.23 | 20.48 | 141.75 | 32.10 |
| 1505 | 1-1321 | 11321 | 2 | 5/13/81 | 10966.64 | 1987.36 | 12954 | 441.53 | 27.62 | 10808.46 | 1958.7 | 120.61 | 21.86 | 142.47 | 0.3 | 262.36 | 26.07 | 1.17 | 0.61 | 179.17 | 23.64 | 155.53 | 35.23 |
| 1506 | 1-1329 | 11329 | 2 | 5/13/81 | 10966.64 | 1987.36 | 12954 | 441.53 | 27.62 | 10763.14 | 1950.48 | 144.9 | 26.26 | 171.16 | 0.58 | 229.05 | 25.62 | 1.77 | 0.68 | 212.48 | 28.71 | 183.77 | 41.62 |
| 1507 | 1-1374 | 11374 | 2 | 5/13/81 | 10966.64 | 1987.36 | 12954 | 441.53 | 27.62 | 10775.21 | 1952.67 | 139.3 | 25.24 | 164.54 | 0.49 | 240.15 | 25.71 | 1.6 | 0.68 | 201.38 | 27.52 | 173.86 | 39.38 |
| 1508 | 1-1516 | 11516 | 2 | 5/13/81 | 10556.64 | 1987.36 | 12544 | 441.53 | 27.62 | 10427.49 | 1963.05 | 101.44 | 19.1 | 120.54 | 0.19 | 277.26 | 26.32 | 0.91 | 0.59 | 164.27 | 20.6 | 143.67 | 32.54 |
| 1509 | 1-1767 | 11767 | 2 | 5/13/81 | 10966.64 | 1987.36 | 12954 | 441.53 | 27.62 | 10775.21 | 1952.67 | 139.3 | 25.24 | 164.54 | 0.49 | 240.15 | 25.71 | 1.6 | 0.68 | 201.38 | 27.52 | 173.86 | 39.38 |
| 1510 | 1-1797 | 11797 | 2 | 5/13/81 | 10966.64 | 1987.36 | 12954 | 441.53 | 27.62 | 10772.31 | 1952.15 | 139.64 | 25.3 | 164.94 | 0.52 | 233.69 | 25.73 | 1.63 | 0.65 | 207.84 | 27.58 | 180.26 | 40.83 |
| 1511 | 1-2017 | 12017 | 2 | 5/13/81 | 10966.64 | 1987.36 | 12954 | 441.53 | 27.62 | 10841.05 | 1964.6 | 100.34 | 18.18 | 118.52 | 0.16 | 287.64 | 26.39 | 0.81 | 0.59 | 153.89 | 19.58 | 134.31 | 30.42 |
| 1512 | 1-2199 | 12199 | 2 | 5/13/81 | 10966.64 | 1987.36 | 12954 | 441.53 | 27.62 | 10767.35 | 1951.25 | 143.09 | 25.93 | 169.02 | 0.54 | 234.89 | 25.63 | 1.7 | 0.68 | 206.64 | 28.31 | 178.33 | 40.39 |
| 1513 | 1-2281 | 12281 | 2 | 5/13/81 | 10556.64 | 1987.36 | 12544 | 441.53 | 27.62 | 10435.75 | 1964.6 | 96.59 | 18.18 | 114.77 | 0.16 | 287.64 | 26.39 | 0.81 | 0.59 | 153.89 | 19.58 | 134.31 | 30.42 |
| 1514 | 1-2371 | 12371 | 2 | 5/13/81 | 10968.64 | 1987.36 | 12956 | 441.53 | 27.62 | 10810.43 | 1958.7 | 120.64 | 21.86 | 142.5 | 0.3 | 262.36 | 26.07 | 1.17 | 0.61 | 179.17 | 23.64 | 155.53 | 35.23 |
| 1515 | 1-2535 | 12535 | 2 | 5/13/81 | 10966.64 | 1987.36 | 12954 | 441.53 | 27.62 | 10706.88 | 1940.29 | 167.13 | 30.29 | 197.42 | 1.09 | 185.64 | 25.19 | 2.51 | 0.62 | 255.89 | 33.42 | 222.47 | 50.39 |
| 1516 | 1-2561 | 12561 | 2 | 5/13/81 | 10556.64 | 1987.36 | 12544 | 441.53 | 27.62 | 10455.86 | 1968.39 | 83.08 | 15.64 | 98.72 | 0.1 | 305.46 | 26.62 | 0.59 | 0.52 | 136.07 | 16.75 | 119.32 | 27.02 |
| 1517 | 1-2650 | 12650 | 2 | 5/13/81 | 10971.64 | 1987.36 | 12959 | 441.53 | 27.62 | 10849 | 1965.15 | 98.68 | 17.87 | 116.55 | 0.15 | 289.6 | 26.42 | 0.79 | 0.59 | 151.93 | 19.25 | 132.68 | 30.05 |
| 1518 | 1-2857 | 12857 | 2 | 5/13/81 | 10556.64 | 1987.36 | 12544 | 441.53 | 27.62 | 10455.86 | 1968.39 | 83.08 | 15.64 | 98.72 | 0.1 | 305.46 | 26.62 | 0.59 | 0.52 | 136.07 | 16.75 | 119.32 | 27.02 |
| 1519 | 1-0204 | 10204 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10822.77 | 1962.31 | 94.97 | 17.22 | 112.19 | 0.14 | 301.76 | 26.44 | 0.67 | 0.54 | 138.84 | 18.43 | 120.41 | 27.33 |
| 1520 | 1-0344 | 10344 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10847.76 | 1966.84 | 77.28 | 14.01 | 91.29 | 0.07 | 325.87 | 26.67 | 0.45 | 0.5 | 114.73 | 14.96 | 99.77 | 22.64 |
| 1521 | 1-0449 | 10449 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10822.77 | 1962.31 | 94.97 | 17.22 | 112.19 | 0.14 | 301.76 | 26.44 | 0.67 | 0.54 | 138.84 | 18.43 | 120.41 | 27.33 |
| 1522 | 1-0938 | 10938 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10828.62 | 1963.37 | 91.02 | 16.5 | 107.52 | 0.12 | 307.4 | 26.48 | 0.63 | 0.55 | 133.2 | 17.68 | 115.52 | 26.22 |
| 1523 | 1-0993 | 10993 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10808.2 | 1959.67 | 104.61 | 18.97 | 123.58 | 0.2 | 287.89 | 26.28 | 0.84 | 0.59 | 152.71 | 20.4 | 132.31 | 30.03 |
| 1524 | 1-1331 | 11331 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10829.3 | 1963.49 | 90.52 | 16.41 | 106.93 | 0.12 | 308.03 | 26.48 | 0.62 | 0.55 | 132.57 | 17.58 | 114.99 | 26.10 |
| 1525 | 1-1658 | 11658 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10803.11 | 1958.74 | 107.37 | 19.47 | 126.84 | 0.22 | 280.49 | 26.24 | 0.9 | 0.59 | 160.11 | 20.96 | 139.15 | 31.58 |
| 1526 | 1-2337 | 12337 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10839.63 | 1965.36 | 83.44 | 15.13 | 98.57 | 0.09 | 319.59 | 26.58 | 0.52 | 0.54 | 121.01 | 16.19 | 104.82 | 23.79 |
| 1527 | 1-2755 | 12755 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10857.01 | 1968.51 | 70.78 | 12.83 | 83.61 | 0.05 | 339.69 | 26.74 | 0.37 | 0.5 | 100.91 | 13.7 | 87.21 | 19.79 |
| 1528 | 1-2767 | 12767 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10847.76 | 1966.84 | 77.28 | 14.01 | 91.29 | 0.07 | 325.87 | 26.67 | 0.45 | 0.5 | 114.73 | 14.96 | 99.77 | 22.64 |
| 1529 | 1-4381 | 14381 | 1 | 2/1/79 | 10937.83 | 1983.17 | 12921 | 440.60 | 27.56 | 10808.2 | 1959.67 | 104.61 | 18.97 | 123.58 | 0.2 | 287.89 | 26.28 | 0.84 | 0.59 | 152.71 | 20.4 | 132.31 | 30.03 |
| 1530 | 1-4987 | 14987 | 2 | 5/13/81 | 10743.83 | 1983.17 | 12727 | 440.60 | 27.56 | 10524.2 | 1942.63 | 151.57 | 27.98 | 179.55 | 0.71 | 216.46 | 25.39 | 1.99 | 0.64 | 224.14 | 30.61 | 193.53 | 43.92 |
| 1531 | 1-0890 | 10890 | 1 | 2/1/79 | 10356.22 | 1974.78 | 12331 | 438.74 | 27.44 | 10245.54 | 1953.68 | 91.12 | 17.38 | 108.5 | 0.14 | 299.08 | 26.31 | 0.69 | 0.54 | 139.66 | 18.61 | 121.05 | 27.59 |
| 1532 | 1-1021 | 11021 | 1 | 2/1/79 | 10356.22 | 1974.78 | 12331 | 438.74 | 27.44 | 10298.72 | 1963.82 | 51.54 | 9.83 | 61.37 | 0.02 | 353.64 | 26.86 | 0.23 | 0.39 | 85.1 | 10.45 | 74.65 | 17.01 |
| 1533 | 1-1271 | 11271 | 1 | 2/1/79 | 10850.22 | 1974.78 | 12825 | 438.74 | 27.44 | 10747.14 | 1956.02 | 86.82 | 15.8 | 102.62 | 0.1 | 313.31 | 26.43 | 0.56 | 0.52 | 125.43 | 16.88 | 108.55 | 24.74 |
| 1534 | 1-1311 | 11311 | 1 | 2/1/79 | 10425.22 | 1974.78 | 12400 | 438.74 | 27.44 | 10348.18 | 1960.19 | 67.46 | 12.78 | 80.24 | 0.05 | 338.25 | 26.63 | 0.37 | 0.5 | 100.49 | 13.65 | 86.84 | 19.79 |
| 1535 | 1-2735 | 12735 | 1 | 2/1/79 | 10356.22 | 1974.78 | 12331 | 438.74 | 27.44 | 10298.72 | 1963.82 | 51.54 | 9.83 | 61.37 | 0.02 | 353.64 | 26.86 | 0.23 | 0.39 | 85.1 | 10.45 | 74.65 | 17.01 |
| 1536 | 4-0716 | 40716 | 1 | 2/1/79 | 10816.22 | 1974.78 | 12791 | 438.74 | 27.44 | 10742.5 | 1961.33 | 64.52 | 11.78 | 76.3 | 0.04 | 337.18 | 26.72 | 0.33 | 0.44 | 101.56 | 12.55 | 89.01 | 20.29 |
| 1537 | 5-2528 | 52528 | 1 | 2/1/79 | 11789.22 | 1974.78 | 13764 | 438.74 | 27.44 | 11751.82 | 1968.52 | 34.66 | 5.81 | 40.47 | 0.01 | 376.86 | 27.15 | 0.09 | 0.21 | 61.88 | 6.11 | 55.77 | 12.71 |
| 1538 | 1-0658 | 10658 | 2 | 5/13/81 | 11004.22 | 1974.78 | 12979 | 438.74 | 27.44 | 10827.12 | 1943 | 129.92 | 23.32 | 153.24 | 0.41 | 243.05 | 25.75 | 1.38 | 0.61 | 195.69 | 25.31 | 170.38 | 38.83 |
| 1539 | 1-1720 | 11720 | 2 | 5/13/81 | 11004.22 | 1974.78 | 12979 | 438.74 | 27.44 | 10802.88 | 1938.65 | 143 | 25.66 | 168.66 | 0.56 | 227.38 | 25.53 | 1.68 | 0.6 | 211.36 | 27.94 | 183.42 | 41.81 |
| 1540 | 1-2377 | 12377 | 2 | 5/13/81 | 11004.22 | 1974.78 | 12979 | 438.74 | 27.44 | 10845.5 | 1946.3 | 121.03 | 21.72 | 142.75 | 0.3 | 260.7 | 25.91 | 1.16 | 0.61 | 178.04 | 23.49 | 154.55 | 35.23 |
| 1541 | 1-0641 | 10641 | 1 | 2/1/79 | 11453.41 | 1970.59 | 13424 | 437.80 | 27.38 | 11343.54 | 1951.69 | 92.15 | 15.85 | 108 | 0.12 | 309.34 | 26.35 | 0.59 | 0.54 | 128.46 | 16.98 | 111.48 | 25.46 |
| 1542 | 5-0683 | 50683 | 1 | 2/1/79 | 11778.6 | 1966.4 | 13745 | 436.87 | 27.32 | 11735.69 | 1959.23 | 39.42 | 6.58 | 46 | 0.01 | 368.89 | 26.98 | 0.11 | 0.25 | 67.98 | 6.94 | 61.04 | 13.97 |
| 1543 | 5-2685 | 52685 | 1 | 2/1/79 | 11778.6 | 1966.4 | 13745 | 436.87 | 27.32 | 11733.63 | 1958.89 | 41.12 | 6.86 | 47.98 | 0.01 | 365.44 | 26.97 | 0.12 | 0.25 | 71.43 | 7.23 | 64.2 | 14.70 |
| 1544 | 1-0589 | 10589 | 2 | 5/13/81 | 11059.6 | 1966.4 | 13026 | 436.87 | 27.32 | 10883.32 | 1935.06 | 130.63 | 23.23 | 153.86 | 0.39 | 245.2 | 25.67 | 1.34 | 0.58 | 191.67 | 25.15 | 166.52 | 38.12 |
| 1545 | 5-1979 | 51979 | 1 | 2/1/79 | 12244.8 | 1962.21 | 14207.01 | 435.94 | 27.27 | 12212.64 | 1957.05 | 30.1 | 4.82 | 34.92 | 0 | 381.9 | 27.04 | 0.06 | 0.17 | 54.04 | 5.05 | 48.99 | 11.24 |
| 1546 | 5-2481 | 52481 | 1 | 2/1/79 | 11785.99 | 1958.01 | 13744 | 435.01 | 27.21 | 11718.42 | 1946.79 | 59.39 | 9.87 | 69.26 | 0.03 | 336.69 | 26.67 | 0.24 | 0.32 | 98.32 | 10.43 | 87.89 | 20.20 |
| 1547 | 1-0294 | 10294 | 2 | 5/13/81 | 10970.99 | 1958.01 | 12929 | 435.01 | 27.21 | 10739.15 | 1916.64 | 157.46 | 28.1 | 185.56 | 0.8 | 204.92 | 25.02 | 2.1 | 0.63 | 230.09 | 30.83 | 199.26 | 45.81 |
| 1548 | 1-0798 | 10798 | 2 | 5/13/81 | 10970.99 | 1958.01 | 12929 | 435.01 | 27.21 | 10782.96 | 1924.46 | 135.66 | 24.21 | 159.87 | 0.48 | 233.15 | 25.44 | 1.49 | 0.59 | 201.86 | 26.29 | 175.57 | 40.36 |
| 1549 | 1-2373 | 12373 | 2 | 5/13/81 | 10970.99 | 1958.01 | 12929 | 435.01 | 27.21 | 10773.98 | 1922.85 | 143.26 | 25.57 | 168.83 | 0.52 | 232.63 | 25.32 | 1.65 | 0.66 | 202.38 | 27.88 | 174.5 | 40.11 |
| 1550 | 1-0467 | 10467 | 1 | 2/1/79 | 11025.18 | 1953.82 | 12979 | 434.08 | 27.15 | 10934.39 | 1937.73 | 77.9 | 13.8 | 91.7 | 0.07 | 321.05 | 26.28 | 0.44 | 0.49 | 113.03 | 14.73 | 98.3 | 22.65 |
| 1551 | 1-0733 | 10733 | 1 | 2/1/79 | 11081.18 | 1953.82 | 13035 | 434.08 | 27.15 | 10974.88 | 1935.08 | 89.15 | 15.72 | 104.87 | 0.11 | 306.71 | 26.12 | 0.58 | 0.54 | 127.37 | 16.84 | 110.53 | 25.46 |
| 1552 | 1-1006 | 11006 | 1 | 2/1/79 | 11081.18 | 1953.82 | 13035 | 434.08 | 27.15 | 11016.37 | 1942.39 | 57.91 | 10.21 | 68.12 | 0.03 | 347.87 | 26.54 | 0.24 | 0.4 | 86.21 | 10.85 | 75.36 | 17.36 |
| 1553 | 1-1135 | 11135 | 1 | 2/1/79 | 11365.18 | 1953.82 | 13319 | 434.08 | 27.15 | 11252.41 | 1934.43 | 94.06 | 16.17 | 110.23 | 0.13 | 303.47 | 26.09 | 0.61 | 0.54 | 130.61 | 17.32 | 113.29 | 26.10 |
| 1554 | 1-1346 | 11346 | 1 | 2/1/79 | 11365.18 | 1953.82 | 13319 | 434.08 | 27.15 | 11225.2 | 1929.76 | 111.56 | 19.18 | 130.74 | 0.23 | 276.34 | 25.85 | 0.89 | 0.58 | 157.74 | 20.65 | 137.09 | 31.58 |
| 1555 | 1-2551 | 12551 | 1 | 2/1/79 | 11365.18 | 1953.82 | 13319 | 434.08 | 27.15 | 11263.14 | 1936.28 | 86.7 | 14.91 | 101.61 | 0.1 | 314.86 | 26.18 | 0.52 | 0.53 | 119.22 | 15.96 | 103.26 | 23.79 |
| 1556 | 1-2942 | 12942 | 1 | 2/1/79 | 11081.18 | 1953.82 | 13035 | 434.08 | 27.15 | 11022.33 | 1943.44 | 53.23 | 9.39 | 62.62 | 0.02 | 356.33 | 26.59 | 0.21 | 0.38 | 77.75 | 9.98 | 67.77 | 15.61 |
| 1557 | 5-0068 | 50068 | 1 | 2/1/79 | 12015.18 | 1953.82 | 13969 | 434.08 | 27.15 | 11973.23 | 1947 | 38.39 | 6.24 | 44.63 | 0.01 | 363.44 | 26.86 | 0.1 | 0.21 | 70.64 | 6.55 | 64.09 | 14.76 |
| 1558 | 5-0766 | 50766 | 1 | 2/1/79 | 11174.18 | 1953.82 | 13128 | 434.08 | 27.15 | 11118.95 | 1944.16 | 49.98 | 8.74 | 58.72 | 0.02 | 356.6 | 26.65 | 0.18 | 0.34 | 77.48 | 9.26 | 68.22 | 15.72 |
| 1559 | 5-1269 | 51269 | 1 | 2/1/79 | 12015.18 | 1953.82 | 13969 | 434.08 | 27.15 | 11952.9 | 1943.69 | 54.85 | 8.92 | 63.77 | 0.03 | 337.02 | 26.7 | 0.2 | 0.27 | 97.06 | 9.39 | 87.67 | 20.20 |
| 1560 | 5-1515 | 51515 | 1 | 2/1/79 | 12015.18 | 1953.82 | 13969 | 434.08 | 27.15 | 11983.04 | 1948.59 | 30.01 | 4.88 | 34.89 | 0 | 378.04 | 26.93 | 0.06 | 0.17 | 56.04 | 5.11 | 50.93 | 11.73 |
| 1561 | 5-2703 | 52703 | 1 | 2/1/79 | 12015.18 | 1953.82 | 13969 | 434.08 | 27.15 | 11968.37 | 1946.21 | 42.49 | 6.91 | 49.4 | 0.01 | 357.85 | 26.82 | 0.12 | 0.23 | 76.23 | 7.26 | 68.97 | 15.89 |
| 1562 | 1-0323 | 10323 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10994.26 | 1928.9 | 96.76 | 16.98 | 113.74 | 0.15 | 291.5 | 25.99 | 0.69 | 0.53 | 141.65 | 18.2 | 123.45 | 28.50 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1563 | 1-0478 | 10478 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 11024.81 | 1934.26 | 75.85 | 13.31 | 89.16 | 0.06 | 327.06 | 26.25 | 0.41 | 0.49 | 106.09 | 14.21 | 91.88 | 21.21 |
| 1564 | 1-0494 | 10494 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10994.76 | 1928.99 | 96.96 | 17.01 | 113.97 | 0.15 | 295.91 | 25.99 | 0.67 | 0.53 | 137.24 | 18.21 | 119.03 | 27.48 |
| 1565 | 1-0743 | 10743 | 1 | 2/1/79 | 10827.37 | 1949.63 | 12777 | 433.15 | 27.09 | 10680.89 | 1923.25 | 114.24 | 20.57 | 134.81 | 0.28 | 263.76 | 25.7 | 1.01 | 0.56 | 169.39 | 22.14 | 147.25 | 34.00 |
| 1566 | 1-0794 | 10794 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10993.62 | 1928.79 | 97.77 | 17.15 | 114.92 | 0.15 | 295.27 | 25.98 | 0.68 | 0.53 | 137.88 | 18.36 | 119.52 | 27.59 |
| 1567 | 1-1069 | 11069 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 11001.42 | 1930.16 | 92.48 | 16.22 | 108.7 | 0.13 | 302.2 | 26.03 | 0.62 | 0.54 | 130.95 | 17.38 | 113.57 | 26.22 |
| 1568 | 1-1147 | 11147 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10993.71 | 1928.81 | 97.38 | 17.09 | 114.47 | 0.15 | 292.57 | 25.97 | 0.69 | 0.54 | 140.58 | 18.32 | 122.26 | 28.23 |
| 1569 | 1-1253 | 11253 | 1 | 2/1/79 | 10827.37 | 1949.63 | 12777 | 433.15 | 27.09 | 10695.8 | 1925.94 | 104.87 | 18.88 | 123.75 | 0.21 | 275.83 | 25.86 | 0.84 | 0.53 | 157.32 | 20.25 | 137.07 | 31.64 |
| 1570 | 1-1349 | 11349 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10994.26 | 1928.9 | 96.76 | 16.98 | 113.74 | 0.15 | 291.5 | 25.99 | 0.69 | 0.53 | 141.65 | 18.2 | 123.45 | 28.50 |
| 1571 | 1-1440 | 11440 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10992.13 | 1928.53 | 98.01 | 17.19 | 115.2 | 0.16 | 288.16 | 25.98 | 0.71 | 0.53 | 144.99 | 18.43 | 126.56 | 29.22 |
| 1572 | 1-1585 | 11585 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 11048.65 | 1938.45 | 57.17 | 10.03 | 67.2 | 0.03 | 350.25 | 26.49 | 0.23 | 0.38 | 82.9 | 10.64 | 72.26 | 16.68 |
| 1573 | 1-1589 | 11589 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10992.13 | 1928.53 | 98.01 | 17.19 | 115.2 | 0.16 | 288.16 | 25.98 | 0.71 | 0.53 | 144.99 | 18.43 | 126.56 | 29.22 |
| 1574 | 1-1624 | 11624 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10962.03 | 1923.25 | 117.25 | 20.57 | 137.82 | 0.29 | 263.76 | 25.7 | 1.01 | 0.56 | 169.39 | 22.14 | 147.25 | 34.00 |
| 1575 | 1-1676 | 11676 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 11042.68 | 1937.4 | 61.76 | 10.84 | 72.6 | 0.03 | 341.67 | 26.45 | 0.27 | 0.4 | 91.48 | 11.51 | 79.97 | 18.46 |
| 1576 | 1-1822 | 11822 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 11016.08 | 1932.73 | 81.88 | 14.37 | 96.25 | 0.08 | 314.65 | 26.19 | 0.48 | 0.47 | 118.5 | 15.32 | 103.18 | 23.82 |
| 1577 | 1-2368 | 12368 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 11016.08 | 1932.73 | 81.88 | 14.37 | 96.25 | 0.08 | 314.65 | 26.19 | 0.48 | 0.47 | 118.5 | 15.32 | 103.18 | 23.82 |
| 1578 | 1-2485 | 12485 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 11016.08 | 1932.73 | 81.88 | 14.37 | 96.25 | 0.08 | 314.65 | 26.19 | 0.48 | 0.47 | 118.5 | 15.32 | 103.18 | 23.82 |
| 1579 | 1-2674 | 12674 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 11024.81 | 1934.26 | 75.85 | 13.31 | 89.16 | 0.06 | 327.06 | 26.25 | 0.41 | 0.49 | 106.09 | 14.21 | 91.88 | 21.21 |
| 1580 | 1-2935 | 12935 | 1 | 2/1/79 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10970.14 | 1924.67 | 112.83 | 19.8 | 132.63 | 0.25 | 273.53 | 25.76 | 0.92 | 0.57 | 159.62 | 21.29 | 138.33 | 31.94 |
| 1581 | 5-1486 | 51486 | 1 | 2/1/79 | 11993.37 | 1949.63 | 13943 | 433.15 | 27.09 | 11945.89 | 1941.91 | 43.13 | 7.01 | 50.14 | 0.01 | 357.67 | 26.74 | 0.12 | 0.23 | 75.48 | 7.36 | 68.12 | 15.73 |
| 1582 | 1-1296 | 11296 | 2 | 5/13/81 | 11206.37 | 1949.63 | 13156 | 433.15 | 27.09 | 11027.75 | 1918.55 | 132.36 | 23.03 | 155.39 | 0.39 | 243.11 | 25.45 | 1.33 | 0.57 | 190.04 | 24.93 | 165.11 | 38.12 |
| 1583 | 1-2423 | 12423 | 2 | 5/13/81 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10988.16 | 1927.83 | 99.94 | 17.53 | 117.47 | 0.16 | 284.11 | 25.92 | 0.78 | 0.58 | 149.04 | 18.89 | 130.15 | 30.05 |
| 1584 | 1-2936 | 12936 | 2 | 5/13/81 | 11112.37 | 1949.63 | 13062 | 433.15 | 27.09 | 10976.42 | 1925.78 | 106.78 | 18.73 | 125.51 | 0.2 | 272 | 25.82 | 0.89 | 0.58 | 161.15 | 20.2 | 140.95 | 32.54 |
| 1585 | 1-0666 | 10666 | 1 | 2/1/79 | 10852.57 | 1945.43 | 12798 | 432.22 | 27.03 | 10727.45 | 1923.01 | 101.1 | 18.12 | 119.22 | 0.18 | 283.04 | 25.85 | 0.77 | 0.53 | 149.18 | 19.42 | 129.76 | 30.02 |
| 1586 | 1-1264 | 11264 | 1 | 2/1/79 | 10898.57 | 1945.43 | 12844 | 432.22 | 27.03 | 10772.92 | 1923.01 | 101.53 | 18.12 | 119.65 | 0.18 | 283.04 | 25.85 | 0.77 | 0.53 | 149.18 | 19.42 | 129.76 | 30.02 |
| 1587 | 1-1345 | 11345 | 1 | 2/1/79 | 10761.57 | 1945.43 | 12707 | 432.22 | 27.03 | 10630.99 | 1921.83 | 103.98 | 18.8 | 122.78 | 0.21 | 274.3 | 25.81 | 0.83 | 0.52 | 157.92 | 20.15 | 137.77 | 31.87 |
| 1588 | 5-2579 | 52579 | 1 | 2/1/79 | 11797.57 | 1945.43 | 13743 | 432.22 | 27.03 | 11734.64 | 1935.06 | 55.84 | 9.21 | 65.05 | 0.03 | 340.93 | 26.53 | 0.21 | 0.32 | 91.29 | 9.74 | 81.55 | 18.87 |
| 1589 | 1-0771 | 10771 | 1 | 2/1/79 | 10951.76 | 1941.24 | 12893 | 431.28 | 26.97 | 10878.17 | 1928.2 | 64.52 | 11.44 | 75.96 | 0.04 | 332.57 | 26.28 | 0.31 | 0.43 | 98.71 | 12.18 | 86.53 | 20.06 |
| 1590 | 1-1215 | 11215 | 1 | 2/1/79 | 10951.76 | 1941.24 | 12893 | 431.28 | 26.97 | 10867.1 | 1926.23 | 72.8 | 12.9 | 85.7 | 0.06 | 319.75 | 26.17 | 0.4 | 0.47 | 111.53 | 13.77 | 97.76 | 22.67 |
| 1591 | 1-1764 | 11764 | 2 | 5/13/81 | 10753.76 | 1941.24 | 12695 | 431.28 | 26.97 | 10533.93 | 1901.56 | 151.71 | 27.39 | 179.1 | 0.71 | 211.88 | 24.85 | 1.95 | 0.63 | 219.4 | 29.97 | 189.43 | 43.92 |
| 1592 | 1-1780 | 11780 | 2 | 5/13/81 | 10792.76 | 1941.24 | 12734 | 431.28 | 26.97 | 10580.4 | 1903.05 | 148.48 | 26.71 | 175.19 | 0.65 | 216.64 | 24.93 | 1.85 | 0.63 | 214.64 | 29.19 | 185.45 | 43.00 |
| 1593 | 1-2820 | 12820 | 2 | 5/13/81 | 10753.76 | 1941.24 | 12695 | 431.28 | 26.97 | 10501.64 | 1895.73 | 163.59 | 29.53 | 193.12 | 1.03 | 184.57 | 24.62 | 2.41 | 0.61 | 246.71 | 32.55 | 214.16 | 49.66 |
| 1594 | 4-0930 | 40930 | 2 | 5/13/81 | 11170.76 | 1941.24 | 13112 | 431.28 | 26.97 | 11020.39 | 1915.11 | 115.32 | 20.04 | 135.36 | 0.26 | 257.69 | 25.59 | 1.04 | 0.59 | 173.59 | 21.67 | 151.92 | 35.23 |
| 1595 | 5-2813 | 52813 | 1 | 2/1/79 | 11308.95 | 1937.05 | 13246 | 430.35 | 26.92 | 11241.17 | 1925.44 | 59.94 | 10.27 | 70.21 | 0.03 | 337.64 | 26.32 | 0.25 | 0.37 | 92.71 | 10.89 | 81.82 | 19.01 |
| 1596 | 5-1388 | 51388 | 2 | 5/13/81 | 11289.95 | 1937.05 | 13227 | 430.35 | 26.92 | 11177.97 | 1917.84 | 89.52 | 15.36 | 104.88 | 0.12 | 280.17 | 25.97 | 0.61 | 0.44 | 150.18 | 16.41 | 133.77 | 31.08 |
| 1597 | 5-1417 | 51417 | 2 | 5/13/81 | 11289.95 | 1937.05 | 13227 | 430.35 | 26.92 | 11126.7 | 1909.04 | 120.56 | 20.68 | 141.24 | 0.33 | 239.25 | 25.51 | 1.14 | 0.5 | 191.1 | 22.32 | 168.78 | 39.22 |
| 1598 | 5-1722 | 51722 | 2 | 5/13/81 | 11289.95 | 1937.05 | 13227 | 430.35 | 26.92 | 11183.46 | 1918.78 | 86.21 | 14.79 | 101 | 0.11 | 286.95 | 26.01 | 0.56 | 0.44 | 143.4 | 15.79 | 127.61 | 29.65 |
| 1599 | 5-1912 | 51912 | 2 | 5/13/81 | 11289.95 | 1937.05 | 13227 | 430.35 | 26.92 | 11121.11 | 1908.08 | 123.04 | 21.11 | 144.15 | 0.37 | 233.34 | 25.47 | 1.2 | 0.5 | 197.01 | 22.81 | 174.2 | 40.48 |
| 1600 | 1-0148 | 10148 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10710.49 | 1917.17 | 74.74 | 13.38 | 88.12 | 0.07 | 313.18 | 26.03 | 0.43 | 0.47 | 116.24 | 14.28 | 101.96 | 23.74 |
| 1601 | 1-0457 | 10457 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10732.19 | 1921.05 | 58.61 | 10.49 | 69.1 | 0.03 | 340.03 | 26.23 | 0.26 | 0.41 | 89.39 | 11.16 | 78.23 | 18.22 |
| 1602 | 1-0552 | 10552 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10719.54 | 1918.79 | 68.07 | 12.18 | 80.25 | 0.05 | 322.86 | 26.12 | 0.36 | 0.44 | 106.56 | 12.98 | 93.58 | 21.79 |
| 1603 | 1-0599 | 10599 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10759.49 | 1925.94 | 35.99 | 6.44 | 42.43 | 0.01 | 372.93 | 26.49 | 0.1 | 0.28 | 56.49 | 6.82 | 49.67 | 11.57 |
| 1604 | 1-1116 | 11116 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10724.55 | 1919.68 | 64.42 | 11.53 | 75.95 | 0.04 | 330.02 | 26.16 | 0.32 | 0.43 | 99.4 | 12.28 | 87.12 | 20.29 |
| 1605 | 1-1183 | 11183 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10732.19 | 1921.05 | 58.61 | 10.49 | 69.1 | 0.03 | 340.03 | 26.23 | 0.26 | 0.41 | 89.39 | 11.16 | 78.23 | 18.22 |
| 1606 | 1-1301 | 11301 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10666.93 | 1909.37 | 104.59 | 18.72 | 123.31 | 0.21 | 273.46 | 25.63 | 0.83 | 0.52 | 155.96 | 20.07 | 135.89 | 31.65 |
| 1607 | 1-1669 | 11669 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10744.3 | 1923.22 | 48.93 | 8.76 | 57.69 | 0.02 | 355.64 | 26.33 | 0.19 | 0.37 | 73.78 | 9.32 | 64.46 | 15.01 |
| 1608 | 1-1782 | 11782 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10720.27 | 1918.92 | 67.37 | 12.06 | 79.43 | 0.05 | 322.25 | 26.14 | 0.35 | 0.43 | 107.17 | 12.84 | 94.33 | 21.97 |
| 1609 | 1-1894 | 11894 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10755.43 | 1925.21 | 39.43 | 7.06 | 46.49 | 0.01 | 366.36 | 26.46 | 0.12 | 0.29 | 63.06 | 7.47 | 55.59 | 12.95 |
| 1610 | 1-2120 | 12120 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10718.35 | 1918.57 | 69.88 | 12.51 | 82.39 | 0.05 | 331.07 | 26.06 | 0.36 | 0.49 | 98.35 | 13.36 | 84.99 | 19.79 |
| 1611 | 1-2230 | 12230 | 1 | 2/1/79 | 10798.14 | 1932.86 | 12731 | 429.42 | 26.86 | 10725.59 | 1919.87 | 63.62 | 11.39 | 75.01 | 0.04 | 331.13 | 26.17 | 0.31 | 0.43 | 98.29 | 12.13 | 86.16 | 20.06 |
| 1612 | 1-0768 | 10768 | 1 | 2/1/79 | 10658.34 | 1928.66 | 12587 | 428.49 | 26.8 | 10529.01 | 1905.26 | 102.98 | 18.64 | 121.62 | 0.21 | 271.93 | 25.59 | 0.83 | 0.51 | 156.56 | 19.98 | 136.58 | 31.87 |
| 1613 | 5-2154 | 52154 | 1 | 2/1/79 | 11628.34 | 1928.66 | 13557 | 428.49 | 26.8 | 11572.76 | 1919.44 | 49.79 | 8.26 | 58.05 | 0.02 | 344.21 | 26.37 | 0.17 | 0.28 | 84.28 | 8.71 | 75.57 | 17.64 |
| 1614 | 5-2728 | 52728 | 1 | 2/1/79 | 11628.34 | 1928.66 | 13557 | 428.49 | 26.8 | 11569.28 | 1918.87 | 52.53 | 8.71 | 61.24 | 0.02 | 339.75 | 26.35 | 0.19 | 0.28 | 88.74 | 9.18 | 79.56 | 18.57 |
| 1615 | 4-2646 | 42646 | 2 | 5/13/81 | 11195.34 | 1928.66 | 13124 | 428.49 | 26.8 | 11062.39 | 1905.76 | 105.26 | 18.13 | 123.39 | 0.19 | 274.78 | 25.56 | 0.83 | 0.58 | 153.71 | 19.54 | 134.17 | 31.31 |
| 1616 | 5-0255 | 50255 | 2 | 5/13/81 | 11544.53 | 1924.47 | 13469 | 427.56 | 26.74 | 11427.82 | 1905.02 | 91.22 | 15.21 | 106.43 | 0.14 | 265.05 | 25.85 | 0.62 | 0.38 | 162.51 | 16.21 | 146.3 | 34.22 |
| 1617 | 5-0903 | 50903 | 2 | 5/13/81 | 11544.53 | 1924.47 | 13469 | 427.56 | 26.74 | 11461.7 | 1910.66 | 69.51 | 11.59 | 81.1 | 0.05 | 304.41 | 26.11 | 0.35 | 0.34 | 123.15 | 12.28 | 110.87 | 25.93 |
| 1618 | 5-1682 | 51682 | 2 | 5/13/81 | 11544.53 | 1924.47 | 13469 | 427.56 | 26.74 | 11444.67 | 1907.82 | 80.89 | 13.49 | 94.38 | 0.09 | 285.84 | 25.97 | 0.47 | 0.37 | 141.72 | 14.33 | 127.39 | 29.79 |
| 1619 | 5-4837 | 54837 | 2 | 5/13/81 | 11544.53 | 1924.47 | 13469 | 427.56 | 26.74 | 11391.56 | 1898.97 | 112.76 | 18.8 | 131.56 | 0.29 | 237.23 | 25.53 | 0.96 | 0.43 | 190.33 | 20.19 | 170.14 | 39.79 |
| 1620 | 4-0101 | 40101 | 1 | 2/1/79 | 11394.92 | 1916.08 | 13311 | 425.70 | 26.62 | 11338.1 | 1906.53 | 51.64 | 8.68 | 60.32 | 0.02 | 352.55 | 26.1 | 0.18 | 0.37 | 73.15 | 9.23 | 63.92 | 15.02 |
| 1621 | 4-1050 | 41050 | 1 | 2/1/79 | 11394.92 | 1916.08 | 13311 | 425.70 | 26.62 | 11322.91 | 1903.98 | 63.6 | 10.7 | 74.3 | 0.04 | 333.06 | 25.98 | 0.28 | 0.41 | 92.64 | 11.39 | 81.25 | 19.09 |
| 1622 | 4-1055 | 41055 | 1 | 2/1/79 | 11394.92 | 1916.08 | 13311 | 425.70 | 26.62 | 11306.83 | 1901.27 | 75.75 | 12.74 | 88.49 | 0.07 | 315.61 | 25.83 | 0.4 | 0.46 | 110.09 | 13.6 | 96.49 | 22.67 |
| 1623 | 5-1086 | 51086 | 2 | 5/13/81 | 11490.92 | 1916.08 | 13407 | 425.70 | 26.62 | 11316.79 | 1887.05 | 122.91 | 20.5 | 143.41 | 0.4 | 215.04 | 25.27 | 1.2 | 0.43 | 210.66 | 22.13 | 188.53 | 44.29 |
| 1624 | 5-1225 | 51225 | 2 | 5/13/81 | 11438.92 | 1916.08 | 13355 | 425.70 | 26.62 | 11313.61 | 1895.1 | 97.3 | 16.3 | 113.6 | 0.17 | 259.77 | 25.65 | 0.71 | 0.4 | 165.93 | 17.41 | 148.52 | 34.89 |
| 1625 | 5-0268 | 50268 | 2 | 5/13/81 | 11802.11 | 1911.89 | 13714 | 424.76 | 26.57 | 11668.99 | 1890.33 | 99.9 | 16.18 | 116.08 | 0.2 | 242.39 | 25.65 | 0.72 | 0.33 | 182.37 | 17.23 | 165.14 | 38.88 |
| 1626 | 5-0782 | 50782 | 2 | 5/13/81 | 11910.11 | 1911.89 | 13822 | 424.76 | 26.57 | 11809.54 | 1895.75 | 80.58 | 12.93 | 93.51 | 0.09 | 277.08 | 25.87 | 0.44 | 0.32 | 147.68 | 13.69 | 133.99 | 31.54 |
| 1627 | 5-0957 | 50957 | 2 | 5/13/81 | 11802.11 | 1911.89 | 13714 | 424.76 | 26.57 | 11698.5 | 1895.11 | 82 | 13.28 | 95.28 | 0.1 | 269.72 | 25.87 | 0.47 | 0.31 | 155.04 | 14.06 | 140.98 | 33.19 |
| 1628 | 5-1008 | 51008 | 2 | 5/13/81 | 11802.11 | 1911.89 | 13714 | 424.76 | 26.57 | 11646.79 | 1886.73 | 111.35 | 18.04 | 129.39 | 0.3 | 220.73 | 25.5 | 0.92 | 0.35 | 204.03 | 19.31 | 184.72 | 43.49 |
| 1629 | 5-2478 | 52478 | 2 | 5/13/81 | 11802.11 | 1911.89 | 13714 | 424.76 | 26.57 | 11714.63 | 1897.72 | 71.77 | 11.63 | 83.4 | 0.06 | 289.36 | 25.98 | 0.35 | 0.29 | 135.4 | 12.27 | 123.13 | 28.99 |
| 1630 | 2-5689 | 25689 | 9 | 9/30/94 | 3636.7 | 1620.2 | 5256.9 | 424.67 | 26 | 3599.5 | 1603.59 | 31.37 | 13.98 | 45.35 | 0.04 | 308.85 | 25.03 | 0.52 | 0.47 | 115.82 | 14.97 | 100.85 | 23.75 |
| 1631 | 2-5784 | 25784 | 9 | 9/30/94 | 3636.7 | 1620.2 | 5256.9 | 424.67 | 26 | 3595.28 | 1601.76 | 34.12 | 15.2 | 49.32 | 0.05 | 297.07 | 24.92 | 0.63 | 0.5 | 127.6 | 16.33 | 111.27 | 26.20 |
| 1632 | 2-7023 | 27023 | 9 | 9/30/94 | 3636.7 | 1620.2 | 5256.9 | 424.67 | 26 | 3583.67 | 1596.62 | 41.36 | 18.43 | 59.79 | 0.1 | 267.98 | 24.63 | 0.96 | 0.54 | 156.69 | 19.93 | 136.76 | 32.20 |
| 1633 | 6-4350 | 64350 | 9 | 9/30/94 | 3636.7 | 1620.2 | 5256.9 | 424.67 | 26 | 3589.04 | 1598.93 | 38.37 | 17.09 | 55.46 | 0.07 | 282.89 | 24.76 | 0.8 | 0.52 | 141.78 | 18.41 | 123.37 | 29.05 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1634 | 1-0191 | 10191 | 3 | 3/31/86 | 8233.3 | 1907.7 | 10141 | 423.83 | 26.51 | 7927.01 | 1836.73 | 158.04 | 36.62 | 194.66 | 2.12 | 108.79 | 23.17 | 4.25 | 0.6 | 315.04 | 41.47 | 273.57 | 64.55 |
| 1635 | 1-0667 | 10667 | 3 | 3/31/86 | 8233.3 | 1907.7 | 10141 | 423.83 | 26.51 | 7951.79 | 1842.47 | 153.81 | 35.64 | 189.45 | 1.73 | 125.29 | 23.38 | 3.81 | 0.6 | 298.54 | 40.05 | 258.49 | 60.99 |
| 1636 | 1-1673 | 11673 | 3 | 3/31/86 | 8233.3 | 1907.7 | 10141 | 423.83 | 26.51 | 7927.01 | 1836.73 | 158.04 | 36.62 | 194.66 | 2.12 | 108.79 | 23.17 | 4.25 | 0.6 | 315.04 | 41.47 | 273.57 | 64.55 |
| 1637 | 1-2939 | 12939 | 3 | 3/31/86 | 8233.3 | 1907.7 | 10141 | 423.83 | 26.51 | 7934.98 | 1838.58 | 154.71 | 35.85 | 190.56 | 1.95 | 111.96 | 23.27 | 3.99 | 0.56 | 311.87 | 40.4 | 271.47 | 64.05 |
| 1638 | 1-2946 | 12946 | 3 | 3/31/86 | 8233.3 | 1907.7 | 10141 | 423.83 | 26.51 | 7940.25 | 1839.8 | 155.37 | 36 | 191.37 | 1.91 | 117.48 | 23.28 | 3.98 | 0.6 | 306.35 | 40.58 | 265.77 | 62.71 |
| 1639 | 1-4304 | 14304 | 3 | 3/31/86 | 8233.3 | 1907.7 | 10141 | 423.83 | 26.51 | 7944.09 | 1840.69 | 153.05 | 35.46 | 188.51 | 1.82 | 118.17 | 23.33 | 3.85 | 0.56 | 305.66 | 39.87 | 265.79 | 62.71 |
| 1640 | 1-4318 | 14318 | 3 | 3/31/86 | 8233.3 | 1907.7 | 10141 | 423.83 | 26.51 | 7951.79 | 1842.47 | 153.81 | 35.64 | 189.45 | 1.73 | 125.29 | 23.38 | 3.81 | 0.6 | 298.54 | 40.05 | 258.49 | 60.99 |
| 1641 | 1-5152 | 15152 | 3 | 3/31/86 | 8233.3 | 1907.7 | 10141 | 423.83 | 26.51 | 7940.25 | 1839.8 | 155.37 | 36 | 191.37 | 1.91 | 117.48 | 23.28 | 3.98 | 0.6 | 306.35 | 40.58 | 265.77 | 62.71 |
| 1642 | 1-5217 | 15217 | 3 | 3/31/86 | 8233.3 | 1907.7 | 10141 | 423.83 | 26.51 | 7944.09 | 1840.69 | 153.05 | 35.46 | 188.51 | 1.82 | 118.17 | 23.33 | 3.85 | 0.56 | 305.66 | 39.87 | 265.79 | 62.71 |
| 1643 | 5-1837 | 51837 | 2 | 5/13/81 | 11561.49 | 1903.51 | 13465 | 422.90 | 26.45 | 11424.39 | 1880.93 | 104.28 | 17.17 | 121.45 | 0.21 | 247.86 | 25.41 | 0.79 | 0.38 | 175.04 | 18.34 | 156.7 | 37.05 |
| 1644 | 5-2165 | 52165 | 1 | 2/1/79 | 11809.69 | 1899.31 | 13709 | 421.97 | 26.39 | 11747.39 | 1889.3 | 55.89 | 8.99 | 64.88 | 0.02 | 340.82 | 25.88 | 0.2 | 0.33 | 81.15 | 9.52 | 71.63 | 16.98 |
| 1645 | 5-2736 | 52736 | 1 | 2/1/79 | 11809.69 | 1899.31 | 13709 | 421.97 | 26.39 | 11735.06 | 1887.31 | 65.48 | 10.53 | 76.01 | 0.04 | 326.08 | 25.78 | 0.27 | 0.36 | 95.89 | 11.16 | 84.73 | 20.08 |
| 1646 | 5-2879 | 52879 | 2 | 5/13/81 | 11714.88 | 1895.12 | 13610 | 421.04 | 26.33 | 11562.9 | 1870.54 | 109.99 | 17.79 | 127.78 | 0.29 | 223.64 | 25.26 | 0.9 | 0.36 | 197.4 | 19.05 | 178.35 | 42.36 |
| 1647 | 5-2436 | 52436 | 1 | 2/1/79 | 11962.07 | 1890.93 | 13853 | 420.11 | 26.28 | 11893.4 | 1880.07 | 60.36 | 9.54 | 69.9 | 0.03 | 324.96 | 25.76 | 0.23 | 0.31 | 95.15 | 10.08 | 85.07 | 20.25 |
| 1648 | 1-2810 | 12810 | 5 | 9/30/94 | 7422.07 | 1890.93 | 9313 | 420.11 | 26.28 | 7188.23 | 1831.36 | 123.03 | 31.34 | 154.37 | 1.25 | 118.61 | 23.71 | 3.02 | 0.42 | 301.5 | 34.78 | 266.72 | 63.49 |
| 1649 | 1-0155 | 10155 | 6 | 9/30/94 | 7422.07 | 1890.93 | 9313 | 420.11 | 26.28 | 7200.73 | 1834.54 | 121.98 | 31.08 | 153.06 | 1.08 | 130.75 | 23.79 | 2.84 | 0.44 | 289.36 | 34.36 | 255 | 60.70 |
| 1650 | 1-1193 | 11193 | 6 | 9/30/94 | 7422.07 | 1890.93 | 9313 | 420.11 | 26.28 | 7186.46 | 1830.89 | 123.7 | 31.51 | 155.21 | 1.27 | 117.75 | 23.68 | 3.06 | 0.43 | 302.36 | 35 | 267.36 | 63.64 |
| 1651 | 5-0541 | 50541 | 1 | 2/1/79 | 11851.46 | 1882.54 | 13734 | 418.24 | 26.16 | 11779.96 | 1871.19 | 62.39 | 9.91 | 72.3 | 0.04 | 318.65 | 25.63 | 0.25 | 0.3 | 99.59 | 10.46 | 89.13 | 21.31 |
| 1652 | 1-0428 | 10428 | 3 | 3/31/86 | 8368.46 | 1882.54 | 10251 | 418.24 | 26.16 | 8185.34 | 1841.35 | 117.7 | 26.48 | 144.18 | 0.6 | 177.78 | 24.27 | 1.88 | 0.43 | 240.46 | 28.79 | 211.67 | 50.61 |
| 1653 | 1-0530 | 10530 | 3 | 3/31/86 | 8424.46 | 1882.54 | 10307 | 418.24 | 26.16 | 8256.9 | 1845.1 | 111.93 | 25.01 | 136.94 | 0.48 | 192.05 | 24.44 | 1.63 | 0.43 | 226.19 | 27.07 | 199.12 | 47.61 |
| 1654 | 1-0587 | 10587 | 3 | 3/31/86 | 8384.46 | 1882.54 | 10267 | 418.24 | 26.16 | 8193.26 | 1839.61 | 119.42 | 26.81 | 146.23 | 0.68 | 168.17 | 24.22 | 1.98 | 0.42 | 250.07 | 29.21 | 220.86 | 52.81 |
| 1655 | 1-0715 | 10715 | 3 | 3/31/86 | 8424.46 | 1882.54 | 10307 | 418.24 | 26.16 | 8274.92 | 1849.13 | 105.29 | 23.53 | 128.82 | 0.35 | 212.42 | 24.59 | 1.38 | 0.45 | 205.82 | 25.36 | 180.46 | 43.15 |
| 1656 | 1-0725 | 10725 | 3 | 3/31/86 | 8368.46 | 1882.54 | 10251 | 418.24 | 26.16 | 8177.62 | 1839.61 | 119.19 | 26.81 | 146 | 0.68 | 168.17 | 24.22 | 1.98 | 0.42 | 250.07 | 29.21 | 220.86 | 52.81 |
| 1657 | 1-1049 | 11049 | 3 | 3/31/86 | 8424.46 | 1882.54 | 10307 | 418.24 | 26.16 | 8256.9 | 1845.1 | 111.93 | 25.01 | 136.94 | 0.48 | 192.05 | 24.44 | 1.63 | 0.43 | 226.19 | 27.07 | 199.12 | 47.61 |
| 1658 | 1-2519 | 12519 | 3 | 3/31/86 | 8424.46 | 1882.54 | 10307 | 418.24 | 26.16 | 8269.92 | 1848.01 | 107.02 | 23.92 | 130.94 | 0.38 | 206.36 | 24.55 | 1.46 | 0.45 | 211.88 | 25.83 | 186.05 | 44.48 |
| 1659 | 1-2563 | 12563 | 3 | 3/31/86 | 8368.46 | 1882.54 | 10251 | 418.24 | 26.16 | 8219.92 | 1849.13 | 104.59 | 23.53 | 128.12 | 0.35 | 212.42 | 24.59 | 1.38 | 0.45 | 205.82 | 25.36 | 180.46 | 43.15 |
| 1660 | 1-2640 | 12640 | 3 | 3/31/86 | 8424.46 | 1882.54 | 10307 | 418.24 | 26.16 | 8262.83 | 1846.43 | 109.67 | 24.51 | 134.18 | 0.43 | 198.73 | 24.49 | 1.54 | 0.43 | 219.51 | 26.48 | 193.03 | 46.15 |
| 1661 | 1-4430 | 14430 | 3 | 3/31/86 | 8424.46 | 1882.54 | 10307 | 418.24 | 26.16 | 8232.26 | 1839.59 | 120.9 | 27.02 | 147.92 | 0.68 | 168.3 | 24.22 | 2 | 0.43 | 249.94 | 29.45 | 220.49 | 52.72 |
| 1662 | 1-4715 | 14715 | 3 | 3/31/86 | 8368.46 | 1882.54 | 10251 | 418.24 | 26.16 | 8185.34 | 1841.35 | 117.7 | 26.48 | 144.18 | 0.6 | 177.78 | 24.27 | 1.88 | 0.43 | 240.46 | 28.79 | 211.67 | 50.61 |
| 1663 | 1-0106 | 10106 | 5 | 9/30/94 | 7395.46 | 1882.54 | 9278 | 418.24 | 26.16 | 7173.44 | 1826.03 | 122.29 | 31.13 | 153.42 | 1.11 | 129.41 | 23.67 | 2.87 | 0.45 | 288.83 | 34.45 | 254.38 | 60.82 |
| 1664 | 1-2805 | 12805 | 5 | 9/30/94 | 7395.46 | 1882.54 | 9278 | 418.24 | 26.16 | 7173.44 | 1826.03 | 122.29 | 31.13 | 153.42 | 1.11 | 129.41 | 23.67 | 2.87 | 0.45 | 288.83 | 34.45 | 254.38 | 60.82 |
| 1665 | 1-1508 | 11508 | 6 | 9/30/94 | 7395.46 | 1882.54 | 9278 | 418.24 | 26.16 | 7163.26 | 1823.44 | 124.22 | 31.62 | 155.84 | 1.23 | 121.49 | 23.57 | 3.04 | 0.44 | 296.75 | 35.1 | 261.65 | 62.56 |
| 1666 | 1-2296 | 12296 | 6 | 9/30/94 | 7395.46 | 1882.54 | 9278 | 418.24 | 26.16 | 7163.26 | 1823.44 | 124.22 | 31.62 | 155.84 | 1.23 | 121.49 | 23.57 | 3.04 | 0.44 | 296.75 | 35.1 | 261.65 | 62.56 |
| 1667 | 1-0826 | 10826 | 5 | 9/30/94 | 7483.65 | 1878.35 | 9362 | 417.31 | 26.1 | 7247.87 | 1819.18 | 124.05 | 31.14 | 155.19 | 1.26 | 117.83 | 23.55 | 3 | 0.42 | 299.48 | 34.56 | 264.92 | 63.48 |
| 1668 | 5-2841 | 52841 | 2 | 5/13/81 | 11395.84 | 1874.16 | 13270 | 416.38 | 26.04 | 11210.32 | 1843.65 | 127.84 | 21.02 | 148.86 | 0.47 | 199.63 | 24.65 | 1.29 | 0.39 | 216.75 | 22.7 | 194.05 | 46.60 |
| 1669 | 1-1364 | 11364 | 5 | 9/30/94 | 7441.84 | 1874.16 | 9316 | 416.38 | 26.04 | 7208.01 | 1815.25 | 123.65 | 31.14 | 154.79 | 1.24 | 118.36 | 23.49 | 2.99 | 0.42 | 298.02 | 34.55 | 263.47 | 63.28 |
| 1670 | 5-2039 | 52039 | 1 | 2/1/79 | 11992.42 | 1861.58 | 13854 | 413.59 | 25.87 | 11941.16 | 1853.62 | 46.2 | 7.17 | 53.37 | 0.01 | 336.22 | 25.52 | 0.13 | 0.22 | 77.37 | 7.52 | 69.85 | 16.89 |
| 1671 | 2-0967 | 20967 | 6 | 9/30/94 | 4322.42 | 1861.58 | 6184 | 413.59 | 25.87 | 4170.41 | 1796.08 | 81.32 | 35.02 | 116.34 | 1 | 128.07 | 22.46 | 4 | 0.7 | 285.52 | 39.72 | 245.8 | 59.43 |
| 1672 | 5-2037 | 52037 | 2 | 5/13/81 | 11579.61 | 1857.39 | 13437 | 412.65 | 25.81 | 11395.23 | 1827.81 | 131.52 | 21.1 | 152.62 | 0.44 | 213.81 | 24.36 | 1.26 | 0.45 | 198.84 | 22.81 | 176.03 | 42.66 |
| 1673 | 5-2692 | 52692 | 2 | 5/13/81 | 11579.61 | 1857.39 | 13437 | 412.65 | 25.81 | 11397.89 | 1828.24 | 130.68 | 20.96 | 151.64 | 0.41 | 216.96 | 24.37 | 1.23 | 0.45 | 195.69 | 22.64 | 173.05 | 41.94 |
| 1674 | 1-1746 | 11746 | 6 | 9/30/94 | 7491.61 | 1857.39 | 9349 | 412.65 | 25.81 | 7253.8 | 1798.41 | 124.86 | 30.96 | 155.82 | 1.28 | 115.66 | 23.26 | 3 | 0.42 | 296.99 | 34.38 | 262.61 | 63.64 |
| 1675 | 1-0251 | 10251 | 3 | 3/31/86 | 8306.81 | 1853.19 | 10160 | 411.72 | 25.75 | 7972.51 | 1778.61 | 161.71 | 36.08 | 197.79 | 2.52 | 92.53 | 22.29 | 4.43 | 0.56 | 319.19 | 41.07 | 278.12 | 67.55 |
| 1676 | 1-0994 | 10994 | 3 | 3/31/86 | 8306.81 | 1853.19 | 10160 | 411.72 | 25.75 | 7972.51 | 1778.61 | 161.71 | 36.08 | 197.79 | 2.52 | 92.53 | 22.29 | 4.43 | 0.56 | 319.19 | 41.07 | 278.12 | 67.55 |
| 1677 | 2-0254 | 20254 | 5 | 9/30/94 | 4431.81 | 1853.19 | 6285 | 411.72 | 25.75 | 4288.32 | 1793.2 | 83.47 | 34.91 | 118.38 | 0.83 | 144.36 | 22.57 | 3.67 | 0.79 | 267.36 | 39.37 | 227.99 | 55.38 |
| 1678 | 1-0335 | 10335 | 3 | 3/31/86 | 8305 | 1849 | 10154 | 410.79 | 25.69 | 8152.65 | 1815.08 | 105.5 | 23.49 | 128.99 | 0.38 | 202.69 | 24.11 | 1.43 | 0.44 | 208.1 | 25.36 | 182.74 | 44.49 |
| 1679 | 1-1337 | 11337 | 3 | 3/31/86 | 8303 | 1849 | 10152 | 410.79 | 25.69 | 8060.41 | 1794.98 | 140.47 | 31.28 | 171.75 | 1.19 | 139.59 | 23.15 | 2.86 | 0.49 | 271.2 | 34.63 | 236.57 | 57.59 |
| 1680 | 1-2943 | 12943 | 3 | 3/31/86 | 8305 | 1849 | 10154 | 410.79 | 25.69 | 8115.53 | 1806.82 | 119.19 | 26.54 | 145.73 | 0.67 | 165.3 | 23.79 | 1.97 | 0.42 | 245.49 | 28.93 | 216.56 | 52.72 |
| 1681 | 1-2474 | 12474 | 3 | 3/31/86 | 8272.19 | 1844.81 | 10117 | 409.86 | 25.63 | 7980.62 | 1779.78 | 151.36 | 33.75 | 185.11 | 1.87 | 107.16 | 22.67 | 3.67 | 0.51 | 302.7 | 37.93 | 264.77 | 64.60 |
| 1682 | 2-0776 | 20776 | 4 | 9/30/94 | 4525.19 | 1844.81 | 6370 | 409.86 | 25.63 | 4304.8 | 1754.96 | 95.64 | 38.99 | 134.63 | 2.13 | 81.35 | 21.17 | 5.66 | 0.7 | 328.51 | 45.35 | 283.16 | 69.09 |
| 1683 | 2-1166 | 21166 | 4 | 9/30/94 | 4525.19 | 1844.81 | 6370 | 409.86 | 25.63 | 4372.21 | 1782.46 | 90.77 | 37.01 | 127.78 | 0.88 | 153.64 | 22.29 | 3.71 | 0.81 | 256.22 | 41.53 | 214.69 | 52.38 |
| 1684 | 2-2247 | 22247 | 4 | 9/30/94 | 4525.19 | 1844.81 | 6370 | 409.86 | 25.63 | 4311.11 | 1757.53 | 95.87 | 39.09 | 134.96 | 2.01 | 86.43 | 21.21 | 5.67 | 0.74 | 323.43 | 45.5 | 277.93 | 67.81 |
| 1685 | 2-2727 | 22727 | 4 | 9/30/94 | 4525.19 | 1844.81 | 6370 | 409.86 | 25.63 | 4352.99 | 1774.62 | 93.88 | 38.27 | 132.15 | 1.2 | 128.87 | 22 | 4.27 | 0.75 | 280.99 | 43.29 | 237.7 | 58.00 |
| 1686 | 2-2444 | 22444 | 5 | 9/30/94 | 4525.19 | 1844.81 | 6370 | 409.86 | 25.63 | 4370.03 | 1781.55 | 83.66 | 34.11 | 117.77 | 0.98 | 128.21 | 22.33 | 3.87 | 0.68 | 281.65 | 38.66 | 242.99 | 59.29 |
| 1687 | 1-0173 | 10173 | 6 | 9/30/94 | 7495.19 | 1844.81 | 9340 | 409.86 | 25.63 | 7271.67 | 1789.8 | 123.19 | 30.32 | 153.51 | 1.1 | 127.56 | 23.21 | 2.77 | 0.42 | 282.3 | 33.51 | 248.79 | 60.70 |
| 1688 | 5-1192 | 51192 | 2 | 5/13/81 | 11571.58 | 1836.42 | 13408 | 408.00 | 25.52 | 11409.88 | 1810.76 | 114.32 | 18.14 | 132.46 | 0.34 | 206.2 | 24.42 | 0.96 | 0.33 | 201.8 | 19.43 | 182.37 | 44.70 |
| 1689 | 5-1628 | 51628 | 2 | 5/13/81 | 11759.58 | 1836.42 | 13596 | 408.00 | 25.52 | 11591.03 | 1810.1 | 121.16 | 18.92 | 140.08 | 0.36 | 214.5 | 24.3 | 1.03 | 0.39 | 193.5 | 20.34 | 173.16 | 42.44 |
| 1690 | 1-2944 | 12944 | 3 | 3/31/86 | 8265.58 | 1836.42 | 10102 | 408 | 25.52 | 7989.15 | 1775.01 | 148.48 | 32.99 | 181.47 | 1.64 | 116.89 | 22.68 | 3.4 | 0.5 | 291.11 | 36.89 | 254.22 | 62.31 |
| 1691 | 2-0084 | 20084 | 4 | 9/30/94 | 4386.58 | 1836.42 | 6223 | 408.00 | 25.52 | 4232.59 | 1771.95 | 82.2 | 34.41 | 116.61 | 1.01 | 125.22 | 22.17 | 3.95 | 0.68 | 282.78 | 39.04 | 243.74 | 59.74 |
| 1692 | 1-1773 | 11773 | 3 | 3/31/86 | 8331.77 | 1832.23 | 10164 | 407.07 | 25.46 | 8056.46 | 1771.69 | 152.78 | 33.6 | 186.38 | 1.58 | 123.4 | 22.58 | 3.44 | 0.54 | 283.67 | 37.58 | 246.09 | 60.45 |
| 1693 | 1-2795 | 12795 | 3 | 3/31/86 | 8214.77 | 1832.23 | 10047 | 407.07 | 25.46 | 8066.14 | 1799.08 | 104.03 | 23.2 | 127.23 | 0.36 | 204.49 | 23.91 | 1.39 | 0.44 | 202.58 | 25.03 | 177.55 | 43.62 |
| 1694 | 1-0055 | 10055 | 4 | 9/30/94 | 7454.16 | 1823.84 | 9278 | 405.20 | 25.34 | 7222 | 1767.02 | 123.39 | 30.19 | 153.58 | 1.22 | 116.68 | 22.88 | 2.87 | 0.41 | 288.52 | 33.47 | 255.05 | 62.94 |
| 1695 | 1-1187 | 11187 | 4 | 9/30/94 | 7459.16 | 1823.84 | 9283 | 405.20 | 25.34 | 7220.58 | 1765.49 | 126.13 | 30.84 | 156.97 | 1.3 | 113.65 | 22.81 | 3.02 | 0.43 | 291.55 | 34.29 | 257.26 | 63.49 |
| 1696 | 1-1270 | 11270 | 4 | 9/30/94 | 7459.16 | 1823.84 | 9283 | 405.20 | 25.34 | 7235.75 | 1769.24 | 123.11 | 30.1 | 153.21 | 1.1 | 125.4 | 22.94 | 2.77 | 0.42 | 279.8 | 33.29 | 246.51 | 60.84 |
| 1697 | 1-1795 | 11795 | 4 | 9/30/94 | 7459.16 | 1823.84 | 9283 | 405.20 | 25.34 | 7226.85 | 1767.02 | 123.47 | 30.19 | 153.66 | 1.22 | 116.68 | 22.88 | 2.87 | 0.41 | 288.52 | 33.47 | 255.05 | 62.94 |
| 1698 | 1-2030 | 12030 | 4 | 9/30/94 | 7465.16 | 1823.84 | 9289 | 405.20 | 25.34 | 7241.57 | 1769.24 | 123.21 | 30.1 | 153.31 | 1.1 | 125.4 | 22.94 | 2.77 | 0.42 | 279.8 | 33.29 | 246.51 | 60.84 |
| 1699 | 1-2753 | 12753 | 4 | 9/30/94 | 7459.16 | 1823.84 | 9283 | 405.20 | 25.34 | 7220.58 | 1765.49 | 126.13 | 30.84 | 156.97 | 1.3 | 113.65 | 22.81 | 3.02 | 0.43 | 291.55 | 34.29 | 257.26 | 63.49 |
| 1700 | 5-0430 | 50430 | 1 | 2/1/79 | 12012.35 | 1819.65 | 13832 | 404.27 | 25.28 | 11961.02 | 1811.88 | 46.17 | 6.99 | 53.16 | 0.01 | 326.5 | 24.95 | 0.13 | 0.21 | 77.77 | 7.33 | 70.44 | 17.42 |
| 1701 | 5-2417 | 52417 | 1 | 2/1/79 | 12012.35 | 1819.65 | 13832 | 404.27 | 25.28 | 11946.38 | 1809.66 | 57.65 | 8.73 | 66.38 | 0.03 | 308.38 | 24.86 | 0.2 | 0.24 | 95.89 | 9.17 | 86.72 | 21.45 |
| 1702 | 1-0292 | 10292 | 3 | 3/31/86 | 8159.35 | 1819.65 | 9979 | 404.27 | 25.28 | 7886.48 | 1758.8 | 146.58 | 32.69 | 179.27 | 1.62 | 115.82 | 22.47 | 3.37 | 0.5 | 288.45 | 36.56 | 251.89 | 62.31 |
| 1703 | 1-0614 | 10614 | 3 | 3/31/86 | 8159.35 | 1819.65 | 9979 | 404.27 | 25.28 | 8011.72 | 1786.73 | 103.33 | 23.04 | 126.37 | 0.36 | 203.09 | 23.75 | 1.38 | 0.44 | 201.18 | 24.86 | 176.32 | 43.61 |
| 1704 | 1-1621 | 11621 | 3 | 3/31/86 | 8284.35 | 1819.65 | 10104 | 404.27 | 25.28 | 8058.14 | 1769.97 | 137.01 | 30.09 | 167.1 | 1 | 149.07 | 22.94 | 2.58 | 0.5 | 255.2 | 33.17 | 222.03 | 54.92 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1705 | 1-1701 | 11701 | 3 | 3/31/86 | 8159.35 | 1819.65 | 9979 | 404.27 | 25.28 | 7998.29 | 1783.73 | 108.72 | 24.25 | 132.97 | 0.45 | 187.65 | 23.64 | 1.58 | 0.43 | 216.62 | 26.26 | 190.36 | 47.09 |
| 1706 | 1-1796 | 11796 | 3 | 3/31/86 | 8159.35 | 1819.65 | 9979 | 404.27 | 25.28 | 7920.96 | 1766.49 | 138.04 | 30.79 | 168.83 | 1.17 | 137.37 | 22.79 | 2.81 | 0.48 | 266.9 | 34.08 | 232.82 | 57.59 |
| 1707 | 1-1805 | 11805 | 3 | 3/31/86 | 8159.35 | 1819.65 | 9979 | 404.27 | 25.28 | 8002.81 | 1784.74 | 106.22 | 23.69 | 129.91 | 0.42 | 192.09 | 23.67 | 1.49 | 0.41 | 212.18 | 25.59 | 186.59 | 46.15 |
| 1708 | 1-1904 | 11904 | 3 | 3/31/86 | 8159.35 | 1819.65 | 9979 | 404.27 | 25.28 | 7871.76 | 1755.51 | 149.29 | 33.29 | 182.58 | 1.84 | 105.7 | 22.36 | 3.62 | 0.5 | 298.57 | 37.41 | 261.16 | 64.60 |
| 1709 | 1-2106 | 12106 | 3 | 3/31/86 | 8284.35 | 1819.65 | 10104 | 404.27 | 25.28 | 7991.88 | 1755.41 | 149.96 | 32.94 | 182.9 | 1.89 | 105.16 | 22.34 | 3.59 | 0.49 | 299.11 | 37.02 | 262.09 | 64.83 |
| 1710 | 1-2396 | 12396 | 3 | 3/31/86 | 8284.35 | 1819.65 | 10104 | 404.27 | 25.28 | 8033.33 | 1764.51 | 142.4 | 31.28 | 173.68 | 1.3 | 130.62 | 22.71 | 2.96 | 0.49 | 273.65 | 34.73 | 238.92 | 59.10 |
| 1711 | 1-2940 | 12940 | 3 | 3/31/86 | 8159.35 | 1819.65 | 9979 | 404.27 | 25.28 | 7998.29 | 1783.73 | 108.72 | 24.25 | 132.97 | 0.45 | 187.65 | 23.64 | 1.58 | 0.43 | 216.62 | 26.26 | 190.36 | 47.09 |
| 1712 | 1-0883 | 10883 | 5 | 9/30/94 | 7451.35 | 1819.65 | 9271 | 404.27 | 25.28 | 7217.22 | 1762.46 | 123.81 | 30.23 | 154.04 | 1.24 | 114.92 | 22.81 | 2.91 | 0.41 | 289.35 | 33.55 | 255.8 | 63.27 |
| 1713 | 5-0100 | 50100 | 2 | 5/13/81 | 11946.73 | 1811.27 | 13758 | 402.41 | 25.17 | 11800.9 | 1789.16 | 106.94 | 16.21 | 123.15 | 0.24 | 218.49 | 24.25 | 0.76 | 0.3 | 183.92 | 17.27 | 166.65 | 41.41 |
| 1714 | 5-1844 | 51844 | 2 | 5/13/81 | 11946.73 | 1811.27 | 13758 | 402.41 | 25.17 | 11779.36 | 1785.89 | 117.45 | 17.81 | 135.26 | 0.36 | 199.6 | 24.11 | 0.95 | 0.31 | 202.81 | 19.07 | 183.74 | 45.66 |
| 1715 | 1-0324 | 10324 | 3 | 3/31/86 | 8118.93 | 1807.07 | 9926 | 401.48 | 25.11 | 7872.98 | 1752.33 | 140.71 | 31.32 | 172.03 | 1.28 | 129.91 | 22.55 | 3.01 | 0.51 | 271.57 | 34.84 | 236.73 | 58.96 |
| 1716 | 1-0443 | 10443 | 3 | 3/31/86 | 8118.93 | 1807.07 | 9926 | 401.48 | 25.11 | 7850.65 | 1747.36 | 148.88 | 33.14 | 182.02 | 1.54 | 121.7 | 22.27 | 3.39 | 0.54 | 279.78 | 37.07 | 242.71 | 60.45 |
| 1717 | 1-0536 | 10536 | 3 | 3/31/86 | 8118.93 | 1807.07 | 9926 | 401.48 | 25.11 | 7897.24 | 1757.73 | 134.27 | 29.89 | 164.16 | 0.98 | 148.04 | 22.78 | 2.56 | 0.49 | 253.44 | 32.94 | 220.5 | 54.92 |
| 1718 | 1-0581 | 10581 | 3 | 3/31/86 | 8348.93 | 1807.07 | 10156 | 401.48 | 25.11 | 7993.06 | 1730.05 | 164.91 | 35.69 | 200.6 | 2.89 | 79.69 | 21.6 | 4.62 | 0.56 | 321.79 | 40.87 | 280.92 | 69.97 |
| 1719 | 1-0834 | 10834 | 3 | 3/31/86 | 8118.93 | 1807.07 | 9926 | 401.48 | 25.11 | 7886.06 | 1755.24 | 137.3 | 30.56 | 167.86 | 1.12 | 140.22 | 22.66 | 2.77 | 0.51 | 261.26 | 33.84 | 227.42 | 56.65 |
| 1720 | 1-1273 | 11273 | 3 | 3/31/86 | 8348.93 | 1807.07 | 10156 | 401.48 | 25.11 | 8096.01 | 1752.33 | 144.7 | 31.32 | 176.02 | 1.32 | 129.91 | 22.55 | 3.01 | 0.51 | 271.57 | 34.84 | 236.73 | 58.96 |
| 1721 | 1-1737 | 11737 | 3 | 3/31/86 | 8348.93 | 1807.07 | 10156 | 401.48 | 25.11 | 8117.32 | 1756.94 | 139.38 | 30.17 | 169.55 | 1.06 | 146.29 | 22.72 | 2.67 | 0.52 | 255.19 | 33.36 | 221.83 | 55.25 |
| 1722 | 1-1817 | 11817 | 3 | 3/31/86 | 8118.93 | 1807.07 | 9926 | 401.48 | 25.11 | 7824.75 | 1741.6 | 152.56 | 33.96 | 186.52 | 1.92 | 106.06 | 22.04 | 3.78 | 0.53 | 295.42 | 38.27 | 257.15 | 64.05 |
| 1723 | 1-1890 | 11890 | 3 | 3/31/86 | 8348.93 | 1807.07 | 10156 | 401.48 | 25.11 | 8109.47 | 1755.24 | 141.19 | 30.56 | 171.75 | 1.15 | 140.22 | 22.66 | 2.77 | 0.51 | 261.26 | 33.84 | 227.42 | 56.65 |
| 1724 | 1-2021 | 12021 | 3 | 3/31/86 | 8348.93 | 1807.07 | 10156 | 401.48 | 25.11 | 7993.06 | 1730.05 | 164.91 | 35.69 | 200.6 | 2.89 | 79.69 | 21.6 | 4.62 | 0.56 | 321.79 | 40.87 | 280.92 | 69.97 |
| 1725 | 1-2720 | 12720 | 3 | 3/31/86 | 8348.93 | 1807.07 | 10156 | 401.48 | 25.11 | 7989.02 | 1729.17 | 163.67 | 35.42 | 199.09 | 2.97 | 78.28 | 21.56 | 4.62 | 0.55 | 323.2 | 40.59 | 282.61 | 70.39 |
| 1726 | 1-2760 | 12760 | 3 | 3/31/86 | 8348.93 | 1807.07 | 10156 | 401.48 | 25.11 | 8117.32 | 1756.94 | 139.38 | 30.17 | 169.55 | 1.06 | 146.29 | 22.72 | 2.67 | 0.52 | 255.19 | 33.36 | 221.83 | 55.25 |
| 1727 | 2-1182 | 21182 | 3 | 3/31/86 | 5211.31 | 1798.69 | 7010 | 399.61 | 24.99 | 5059.19 | 1746.19 | 87.6 | 30.24 | 117.84 | 0.83 | 143.3 | 22.3 | 2.91 | 0.56 | 256.31 | 33.71 | 222.6 | 55.70 |
| 1728 | 2-1471 | 21471 | 3 | 3/31/86 | 5211.31 | 1798.69 | 7010 | 399.61 | 24.99 | 5048.86 | 1742.62 | 90.66 | 31.29 | 121.95 | 0.95 | 131.99 | 22.14 | 3.25 | 0.58 | 267.62 | 35.12 | 232.5 | 58.18 |
| 1729 | 2-0786 | 20786 | 4 | 9/30/94 | 4559.7 | 1790.3 | 6350 | 397.75 | 24.88 | 4449.21 | 1746.9 | 74.71 | 29.33 | 104.04 | 0.39 | 193.58 | 22.49 | 2.23 | 0.77 | 204.17 | 32.33 | 171.84 | 43.20 |
| 1730 | 2-0417 | 20417 | 7 | 9/30/94 | 4870 | 0 | 4870 | 396.00 | 0 | 3331.04 | 1352.29 | 66.56 | 27.02 | 93.58 | 0.94 | 98.38 | 20.16 | 3.49 | 0.48 | 297.62 | 30.99 | 266.63 | 67.33 |
| 1731 | 2-1941 | 21941 | 7 | 9/30/94 | 4879 | 0 | 4879 | 395.00 | 0 | 3368.12 | 1361.47 | 60.76 | 24.56 | 85.32 | 0.56 | 129.15 | 20.7 | 2.57 | 0.45 | 265.85 | 27.58 | 238.27 | 60.32 |
| 1732 | 2-4023 | 24023 | 7 | 9/30/94 | 4879 | 0 | 4879 | 395.00 | 0 | 3338.33 | 1349.42 | 67.47 | 27.27 | 94.74 | 0.99 | 95.62 | 20.07 | 3.56 | 0.48 | 299.38 | 31.31 | 268.07 | 67.87 |
| 1733 | 2-1219 | 21219 | 7 | 9/30/94 | 4933 | 0 | 4933 | 394.00 | 0 | 3424.65 | 1355.51 | 62.08 | 24.57 | 86.65 | 0.58 | 127.94 | 20.6 | 2.57 | 0.44 | 266.06 | 27.58 | 238.48 | 60.53 |
| 1734 | 2-1350 | 21350 | 5 | 9/30/94 | 4687.24 | 1756.76 | 6444 | 390.30 | 24.41 | 4485.96 | 1681.31 | 101.97 | 38.22 | 140.19 | 1.69 | 101.08 | 20.49 | 5.01 | 0.78 | 289.22 | 44.01 | 245.21 | 62.83 |
| 1735 | 2-1866 | 21866 | 5 | 9/30/94 | 4687.24 | 1756.76 | 6444 | 390.30 | 24.41 | 4476.61 | 1677.8 | 101.52 | 38.05 | 139.57 | 1.84 | 90.56 | 20.44 | 5.12 | 0.71 | 299.74 | 43.88 | 255.86 | 65.55 |
| 1736 | 2-2264 | 22264 | 5 | 9/30/94 | 4687.24 | 1756.76 | 6444 | 390.30 | 24.41 | 4456.79 | 1670.4 | 97.67 | 36.61 | 134.28 | 2.23 | 72.69 | 20.15 | 5.45 | 0.65 | 317.61 | 42.71 | 274.9 | 70.43 |
| 1737 | 2-2348 | 22348 | 5 | 9/30/94 | 4687.24 | 1756.76 | 6444 | 390.30 | 24.41 | 4470.13 | 1675.38 | 98.38 | 36.87 | 135.25 | 1.98 | 84.61 | 20.26 | 5.29 | 0.69 | 305.69 | 42.85 | 262.84 | 67.34 |
| 1738 | 2-0078 | 20078 | 6 | 9/30/94 | 4687.24 | 1756.76 | 6444 | 390.30 | 24.41 | 4469.92 | 1675.29 | 98.62 | 36.96 | 135.58 | 2 | 84.86 | 20.26 | 5.29 | 0.7 | 305.44 | 42.95 | 262.49 | 67.25 |
| 1739 | 2-1175 | 21175 | 6 | 9/30/94 | 4687.24 | 1756.76 | 6444 | 390.30 | 24.41 | 4463.55 | 1672.91 | 98 | 36.73 | 134.73 | 2.1 | 78.13 | 20.26 | 5.27 | 0.65 | 312.17 | 42.65 | 269.52 | 69.05 |
| 1740 | 2-2372 | 22372 | 6 | 9/30/94 | 4687.24 | 1756.76 | 6444 | 390.30 | 24.41 | 4531.71 | 1698.45 | 92.45 | 34.65 | 127.1 | 0.88 | 146.75 | 21.28 | 3.45 | 0.76 | 243.55 | 38.86 | 204.69 | 52.44 |
| 1741 | 2-2883 | 22883 | 6 | 9/30/94 | 4687.24 | 1756.76 | 6444 | 390.30 | 24.41 | 4511.8 | 1690.99 | 95.48 | 35.79 | 131.27 | 1.21 | 121.19 | 21.03 | 3.99 | 0.69 | 269.11 | 40.47 | 228.64 | 58.58 |
| 1742 | 2-2704 | 22704 | 6 | 9/30/94 | 4683.43 | 1752.57 | 6436 | 389.37 | 24.35 | 4571.76 | 1710.81 | 75.61 | 28.29 | 103.9 | 0.39 | 190.62 | 22.05 | 2.14 | 0.75 | 198.75 | 31.18 | 167.57 | 43.04 |
| 1743 | 2-1792 | 21792 | 3 | 3/31/86 | 5436.01 | 1739.99 | 7176 | 386.57 | 24.18 | 5273.93 | 1688.11 | 93.12 | 29.81 | 122.93 | 0.91 | 135.29 | 21.46 | 3.05 | 0.6 | 251.28 | 33.46 | 217.82 | 56.35 |
| 1744 | 2-2891 | 22891 | 3 | 3/31/86 | 5496.59 | 1727.41 | 7224 | 383.78 | 24 | 5346.05 | 1680.1 | 90.18 | 28.34 | 118.52 | 0.76 | 148.26 | 21.5 | 2.64 | 0.58 | 235.52 | 31.56 | 203.96 | 53.15 |
| 1745 | 2-2088 | 22088 | 3 | 3/31/86 | 5681.17 | 1714.83 | 7396 | 380.98 | 23.83 | 5569.65 | 1681.17 | 75.87 | 22.9 | 98.77 | 0.35 | 188.9 | 22.01 | 1.63 | 0.57 | 192.08 | 25.1 | 166.98 | 43.83 |
| 1746 | 2-2882 | 22882 | 3 | 3/31/86 | 5681.17 | 1714.83 | 7396 | 380.98 | 23.83 | 5562.58 | 1679.04 | 78.97 | 23.84 | 102.81 | 0.4 | 178.83 | 21.91 | 1.83 | 0.58 | 202.15 | 26.25 | 175.9 | 46.17 |
| 1747 | 5-1024 | 51024 | 1 | 2/1/79 | 11598.32 | 1689.68 | 13288 | 375.39 | 23.48 | 11551.82 | 1682.9 | 42.08 | 6.13 | 48.21 | 0.01 | 305.96 | 23.2 | 0.1 | 0.18 | 69.43 | 6.41 | 63.02 | 16.79 |
| 1748 | 5-0819 | 50819 | 1 | 2/1/79 | 11043.09 | 1672.91 | 12716 | 371.67 | 23.25 | 11003.04 | 1666.84 | 36.59 | 5.54 | 42.13 | 0.01 | 309.37 | 23 | 0.08 | 0.16 | 62.3 | 5.78 | 56.52 | 15.21 |
| 1749 | 5-2456 | 52456 | 1 | 2/1/79 | 11043.09 | 1672.91 | 12716 | 371.67 | 23.25 | 11006.23 | 1667.32 | 33.95 | 5.14 | 39.09 | 0.01 | 313.61 | 23.02 | 0.07 | 0.15 | 58.06 | 5.36 | 52.7 | 14.18 |
| 1750 | 5-0836 | 50836 | 2 | 5/13/81 | 11043.09 | 1672.91 | 12716 | 371.67 | 23.25 | 10950.21 | 1658.83 | 74.6 | 11.3 | 85.9 | 0.08 | 242.15 | 22.69 | 0.36 | 0.22 | 129.52 | 11.88 | 117.64 | 31.65 |
| 1751 | 5-2549 | 52549 | 2 | 5/13/81 | 11043.09 | 1672.91 | 12716 | 371.67 | 23.25 | 10905.44 | 1652.05 | 100.01 | 15.15 | 115.16 | 0.23 | 197 | 22.42 | 0.7 | 0.26 | 174.67 | 16.11 | 158.56 | 42.66 |
| 1752 | 5-2907 | 52907 | 2 | 5/13/81 | 11043.09 | 1672.91 | 12716 | 371.67 | 23.25 | 10921.4 | 1654.47 | 91.63 | 13.88 | 105.51 | 0.17 | 212.22 | 22.51 | 0.57 | 0.25 | 159.45 | 14.7 | 144.75 | 38.95 |
| 1753 | 5-4764 | 54764 | 2 | 5/13/81 | 11043.09 | 1672.91 | 12716 | 371.67 | 23.25 | 10939.91 | 1657.27 | 80.85 | 12.25 | 93.1 | 0.11 | 230.85 | 22.63 | 0.43 | 0.23 | 140.82 | 12.91 | 127.91 | 34.41 |
| 1754 | 2-5848 | 25848 | 8 | 9/30/94 | 4977.34 | 0 | 4977.34 | 371.17 | 23.4 | 3481.79 | 1384.43 | 52.81 | 21 | 73.81 | 0.28 | 175.28 | 21.49 | 1.63 | 0.45 | 195.89 | 23.08 | 172.81 | 46.56 |
| 1755 | 5-2826 | 52826 | 1 | 2/1/79 | 12218.48 | 1664.52 | 13883 | 369.81 | 23.13 | 12171.8 | 1658.16 | 42.48 | 5.79 | 48.27 | 0.01 | 305.43 | 22.86 | 0.1 | 0.18 | 64.38 | 6.07 | 58.31 | 15.77 |
| 1756 | 2-5427 | 25427 | 8 | 9/30/94 | 4914.83 | 0 | 4914.83 | 369.45 | 23.29 | 3420.38 | 1375.35 | 54.5 | 21.91 | 76.41 | 0.33 | 162.93 | 21.26 | 1.82 | 0.44 | 206.52 | 24.17 | 182.35 | 49.36 |
| 1757 | 2-5728 | 25728 | 8 | 9/30/94 | 4919.2 | 0 | 4919.2 | 369.24 | 23.29 | 3401.57 | 1365.01 | 62.12 | 24.93 | 87.05 | 0.61 | 127.81 | 20.73 | 2.63 | 0.46 | 241.43 | 28.02 | 213.41 | 57.80 |
| 1758 | 5-1144 | 51144 | 2 | 5/13/81 | 11525.67 | 1660.33 | 13186 | 368.87 | 23.07 | 11385.3 | 1640.11 | 103.04 | 14.84 | 117.88 | 0.23 | 200.34 | 22.24 | 0.68 | 0.27 | 168.53 | 15.79 | 152.74 | 41.41 |
| 1759 | 2-4462 | 24462 | 8 | 9/30/94 | 4896.34 | 0 | 4896.34 | 367.40 | 23.16 | 3396.27 | 1362.23 | 59.06 | 23.69 | 82.75 | 0.48 | 141.34 | 20.83 | 2.29 | 0.46 | 226.06 | 26.44 | 199.62 | 54.33 |
| 1760 | 5-0825 | 50825 | 1 | 2/1/79 | 11678.06 | 1651.94 | 13330 | 367.01 | 22.95 | 11622.19 | 1644.04 | 49.57 | 7.01 | 56.58 | 0.02 | 287.9 | 22.63 | 0.14 | 0.19 | 79.11 | 7.34 | 71.77 | 19.56 |
| 1761 | 5-0799 | 50799 | 1 | 2/1/79 | 10989.44 | 1643.56 | 12633 | 365.15 | 22.84 | 10931.39 | 1634.87 | 51.42 | 7.69 | 59.11 | 0.02 | 285.59 | 22.46 | 0.16 | 0.22 | 79.56 | 8.07 | 71.49 | 19.58 |
| 1762 | 2-1831 | 21831 | 5 | 9/30/94 | 4065.83 | 1635.17 | 5701 | 363.28 | 22.72 | 3899.65 | 1568.34 | 77.85 | 31.31 | 109.16 | 1.27 | 82.94 | 19.62 | 3.83 | 0.49 | 280.34 | 35.63 | 244.71 | 67.36 |
| 1763 | 2-2170 | 22170 | 5 | 9/30/94 | 4065.83 | 1635.17 | 5701 | 363.28 | 22.72 | 3932.42 | 1581.5 | 71.65 | 28.82 | 100.47 | 0.77 | 111.79 | 20.2 | 2.88 | 0.44 | 251.49 | 32.14 | 219.35 | 60.38 |
| 1764 | 2-2302 | 22302 | 5 | 9/30/94 | 4065.83 | 1635.17 | 5701 | 363.28 | 22.72 | 3933.18 | 1581.81 | 71.68 | 28.83 | 100.51 | 0.75 | 113.6 | 20.21 | 2.84 | 0.44 | 249.68 | 32.11 | 217.57 | 59.89 |
| 1765 | 2-2775 | 22775 | 5 | 9/30/94 | 4065.83 | 1635.17 | 5701 | 363.28 | 22.72 | 3898.33 | 1567.8 | 78.22 | 31.46 | 109.68 | 1.28 | 82.54 | 19.59 | 3.86 | 0.48 | 280.74 | 35.8 | 244.94 | 67.42 |
| 1766 | 2-0986 | 20986 | 6 | 9/30/94 | 4065.83 | 1635.17 | 5701 | 363.28 | 22.72 | 3926.32 | 1579.06 | 72.96 | 29.34 | 102.3 | 0.85 | 105.75 | 20.1 | 3.04 | 0.44 | 257.53 | 32.82 | 224.71 | 61.86 |
| 1767 | 2-1258 | 21258 | 6 | 9/30/94 | 4065.83 | 1635.17 | 5701 | 363.28 | 22.72 | 3890.4 | 1564.66 | 78.82 | 31.7 | 110.52 | 1.43 | 75.4 | 19.46 | 4.1 | 0.5 | 287.88 | 36.3 | 251.58 | 69.25 |
| 1768 | 2-1547 | 21547 | 6 | 9/30/94 | 4065.83 | 1635.17 | 5701 | 363.28 | 22.72 | 3927.81 | 1579.65 | 72.47 | 29.14 | 101.61 | 0.83 | 106.25 | 20.13 | 3.02 | 0.44 | 257.03 | 32.6 | 224.43 | 61.78 |
| 1769 | 2-1964 | 21964 | 6 | 9/30/94 | 4065.83 | 1635.17 | 5701 | 363.28 | 22.72 | 3889.61 | 1564.29 | 78.98 | 31.76 | 110.74 | 1.44 | 74.99 | 19.46 | 4.09 | 0.49 | 288.29 | 36.34 | 251.95 | 69.35 |
| 1770 | 2-2661 | 22661 | 4 | 9/30/94 | 4501.02 | 1630.98 | 6132 | 362.35 | 22.66 | 4251.32 | 1540.49 | 94.21 | 34.14 | 128.35 | 2.76 | 49.73 | 18.34 | 5.79 | 0.65 | 312.62 | 40.58 | 272.04 | 75.08 |
| 1771 | 2-2863 | 22863 | 4 | 9/30/94 | 4501.02 | 1630.98 | 6132 | 362.35 | 22.66 | 4233.66 | 1534.1 | 93.71 | 33.96 | 127.67 | 3.13 | 41.55 | 18.17 | 5.92 | 0.64 | 320.8 | 40.52 | 280.28 | 77.35 |
| 1772 | 2-0244 | 20244 | 5 | 9/30/94 | 4501.02 | 1630.98 | 6132 | 362.35 | 22.66 | 4321.15 | 1565.78 | 84.31 | 30.55 | 114.86 | 1.41 | 81.68 | 19.47 | 4.08 | 0.56 | 280.67 | 35.19 | 245.48 | 67.75 |
| 1773 | 2-2413 | 22413 | 6 | 9/30/94 | 4519.02 | 1630.98 | 6150 | 362.35 | 22.66 | 4337.02 | 1565.31 | 85.29 | 30.78 | 116.07 | 1.44 | 82.26 | 19.42 | 4.14 | 0.58 | 280.09 | 35.5 | 244.59 | 67.50 |
| 1774 | 5-0704 | 50704 | 1 | 2/1/79 | 11187.41 | 1622.59 | 12810 | 360.49 | 22.55 | 11139.58 | 1615.66 | 43.39 | 6.29 | 49.68 | 0.01 | 295.41 | 22.24 | 0.11 | 0.2 | 65.08 | 6.6 | 58.48 | 16.22 |
| 1775 | 5-1818 | 51818 | 1 | 2/1/79 | 11187.41 | 1622.59 | 12810 | 360.49 | 22.55 | 11143.58 | 1616.24 | 40.02 | 5.8 | 45.82 | 0.01 | 299.84 | 22.27 | 0.1 | 0.18 | 60.65 | 6.08 | 54.57 | 15.14 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1776 | 1-0839 | 10839 | 2 | 5/13/81 | 9455.41 | 1622.59 | 11078 | 360.49 | 22.55 | 9233.9 | 1584.58 | 140.97 | 24.19 | 165.16 | 0.87 | 144.33 | 20.75 | 1.89 | 0.42 | 216.16 | 26.5 | 189.66 | 52.61 |
| 1777 | 5-0700 | 50700 | 2 | 5/13/81 | 11187.41 | 1622.59 | 12810 | 360.49 | 22.55 | 11066.92 | 1605.12 | 93.25 | 13.52 | 106.77 | 0.15 | 217.21 | 21.79 | 0.55 | 0.28 | 143.28 | 14.35 | 128.93 | 35.77 |
| 1778 | 5-0801 | 50801 | 2 | 5/13/81 | 11187.41 | 1622.59 | 12810 | 360.49 | 22.55 | 11026.38 | 1599.24 | 114.74 | 16.64 | 131.38 | 0.33 | 183.68 | 21.53 | 0.89 | 0.3 | 176.81 | 17.83 | 158.98 | 44.10 |
| 1779 | 5-0850 | 50850 | 2 | 5/13/81 | 11187.41 | 1622.59 | 12810 | 360.49 | 22.55 | 11065.67 | 1604.94 | 93.82 | 13.61 | 107.43 | 0.16 | 216.21 | 21.78 | 0.56 | 0.28 | 144.28 | 14.45 | 129.83 | 36.01 |
| 1780 | 5-1039 | 51039 | 2 | 5/13/81 | 11187.41 | 1622.59 | 12810 | 360.49 | 22.55 | 11094.68 | 1609.14 | 75.95 | 11.02 | 86.97 | 0.07 | 243.88 | 21.97 | 0.35 | 0.25 | 116.61 | 11.62 | 104.99 | 29.12 |
| 1781 | 5-2353 | 52353 | 1 | 2/1/79 | 11736.6 | 1618.4 | 13355 | 359.56 | 22.49 | 11701.37 | 1613.54 | 32.74 | 4.51 | 37.25 | 0 | 309.45 | 22.29 | 0.06 | 0.14 | 50.11 | 4.71 | 45.4 | 12.63 |
| 1782 | 2-1545 | 21545 | 5 | 9/30/94 | 4474.6 | 1618.4 | 6093 | 359.56 | 22.49 | 4211.15 | 1523.11 | 92.6 | 33.49 | 126.09 | 3.05 | 41.34 | 18.09 | 5.81 | 0.62 | 318.22 | 39.92 | 278.3 | 77.40 |
| 1783 | 5-0401 | 50401 | 2 | 5/13/81 | 11624.18 | 1605.82 | 13230 | 356.76 | 22.31 | 11517.25 | 1591.05 | 84.33 | 11.65 | 95.98 | 0.11 | 224.38 | 21.71 | 0.41 | 0.24 | 132.38 | 12.3 | 120.08 | 33.66 |
| 1784 | 2-0548 | 20548 | 6 | 9/30/94 | 4410.18 | 1605.82 | 6016 | 356.76 | 22.31 | 4148.94 | 1510.71 | 92.07 | 33.52 | 125.59 | 3.03 | 41.31 | 17.91 | 5.81 | 0.62 | 315.45 | 39.95 | 275.5 | 77.22 |
| 1785 | 5-0654 | 50654 | 2 | 5/13/81 | 11369.37 | 1601.63 | 12971 | 355.83 | 22.26 | 11225.3 | 1581.33 | 106.73 | 15.04 | 121.77 | 0.24 | 197.11 | 21.36 | 0.72 | 0.3 | 158.72 | 16.06 | 142.66 | 40.09 |
| 1786 | 1-1251 | 11251 | 2 | 5/13/81 | 10037.76 | 1593.24 | 11631 | 353.97 | 22.14 | 9873.78 | 1567.22 | 121.12 | 19.22 | 140.34 | 0.36 | 193.29 | 20.84 | 1.1 | 0.45 | 160.68 | 20.77 | 139.91 | 39.53 |
| 1787 | 1-1305 | 11305 | 2 | 5/13/81 | 9687.76 | 1593.24 | 11281 | 353.97 | 22.14 | 9529.49 | 1567.22 | 116.89 | 19.22 | 136.11 | 0.35 | 193.29 | 20.84 | 1.1 | 0.45 | 160.68 | 20.77 | 139.91 | 39.53 |
| 1788 | 1-1367 | 11367 | 2 | 5/13/81 | 10037.76 | 1593.24 | 11631 | 353.97 | 22.14 | 9803.96 | 1556.14 | 149 | 23.65 | 172.65 | 0.93 | 140.77 | 20.38 | 1.89 | 0.42 | 213.2 | 25.96 | 187.24 | 52.90 |
| 1789 | 1-0001 | 10001 | 5 | 9/30/94 | 9521.76 | 1593.24 | 11115 | 353.97 | 22.14 | 9073.23 | 1518.2 | 183.9 | 30.77 | 214.67 | 3.99 | 53.66 | 18.78 | 4.48 | 0.49 | 300.31 | 35.74 | 264.57 | 74.74 |
| 1790 | 1-0189 | 10189 | 5 | 9/30/94 | 9521.76 | 1593.24 | 11115 | 353.97 | 22.14 | 8984 | 1503.27 | 193.94 | 32.45 | 226.39 | 5.73 | 37.95 | 18.11 | 5.53 | 0.58 | 316.02 | 38.56 | 277.46 | 78.39 |
| 1791 | 1-0383 | 10383 | 5 | 9/30/94 | 9449.76 | 1593.24 | 11043 | 353.97 | 22.14 | 8912.76 | 1502.71 | 196.07 | 33.06 | 229.13 | 5.81 | 37.79 | 18.08 | 5.65 | 0.6 | 316.18 | 39.31 | 276.87 | 78.22 |
| 1792 | 1-0458 | 10458 | 5 | 9/30/94 | 9521.76 | 1593.24 | 11115 | 353.97 | 22.14 | 9073.09 | 1518.17 | 184.07 | 30.8 | 214.87 | 3.99 | 53.52 | 18.78 | 4.49 | 0.49 | 300.45 | 35.78 | 264.67 | 74.77 |
| 1793 | 1-1173 | 11173 | 5 | 9/30/94 | 9521.76 | 1593.24 | 11115 | 353.97 | 22.14 | 8981.06 | 1502.77 | 197.49 | 33.04 | 230.53 | 5.79 | 38.56 | 18.06 | 5.66 | 0.6 | 315.41 | 39.3 | 276.11 | 78.00 |
| 1794 | 1-1237 | 11237 | 5 | 9/30/94 | 9449.76 | 1593.24 | 11043 | 353.97 | 22.14 | 8911.09 | 1502.45 | 198.51 | 33.47 | 231.98 | 5.82 | 38.42 | 18.05 | 5.73 | 0.62 | 315.55 | 39.82 | 275.73 | 77.90 |
| 1795 | 1-1242 | 11242 | 5 | 9/30/94 | 9449.76 | 1593.24 | 11043 | 353.97 | 22.14 | 8916.08 | 1503.27 | 191.29 | 32.25 | 223.54 | 5.7 | 37.49 | 18.13 | 5.49 | 0.57 | 316.48 | 38.31 | 278.17 | 78.59 |
| 1796 | 1-1360 | 11360 | 5 | 9/30/94 | 9521.76 | 1593.24 | 11115 | 353.97 | 22.14 | 9071.05 | 1517.83 | 189.76 | 31.75 | 221.51 | 4.03 | 54.95 | 18.72 | 4.66 | 0.53 | 299.02 | 36.94 | 262.08 | 74.04 |
| 1797 | 1-1507 | 11507 | 5 | 9/30/94 | 9521.76 | 1593.24 | 11115 | 353.97 | 22.14 | 9070.6 | 1517.76 | 187.72 | 31.41 | 219.13 | 4.02 | 54.54 | 18.73 | 4.6 | 0.51 | 299.43 | 36.52 | 262.91 | 74.27 |
| 1798 | 1-1672 | 11672 | 5 | 9/30/94 | 9449.76 | 1593.24 | 11043 | 353.97 | 22.14 | 8916.6 | 1503.36 | 191.02 | 32.21 | 223.23 | 5.68 | 37.6 | 18.13 | 5.47 | 0.57 | 316.37 | 38.25 | 278.12 | 78.57 |
| 1799 | 1-2060 | 12060 | 5 | 9/30/94 | 9521.76 | 1593.24 | 11115 | 353.97 | 22.14 | 9072.09 | 1518.01 | 185.01 | 30.96 | 215.97 | 4 | 53.83 | 18.76 | 4.52 | 0.49 | 300.14 | 35.97 | 264.17 | 74.63 |
| 1800 | 1-2450 | 12450 | 5 | 9/30/94 | 9521.76 | 1593.24 | 11115 | 353.97 | 22.14 | 9071.81 | 1517.97 | 187.9 | 31.44 | 219.34 | 4.04 | 54.33 | 18.75 | 4.6 | 0.52 | 299.64 | 36.56 | 263.08 | 74.32 |
| 1801 | 2-2739 | 22739 | 6 | 9/30/94 | 4473.76 | 1593.24 | 6067 | 353.97 | 22.14 | 4227.7 | 1505.62 | 93.61 | 33.34 | 126.95 | 2.69 | 49.3 | 17.95 | 5.61 | 0.63 | 304.67 | 39.58 | 265.09 | 74.89 |
| 1802 | 5-1987 | 51987 | 1 | 2/1/79 | 11110.95 | 1589.05 | 12700 | 353.04 | 22.08 | 11061.23 | 1581.94 | 44.77 | 6.4 | 51.17 | 0.01 | 285.23 | 21.77 | 0.12 | 0.19 | 67.81 | 6.71 | 61.1 | 17.31 |
| 1803 | 2-2892 | 22892 | 4 | 9/30/94 | 3973.95 | 1589.05 | 5563 | 353.04 | 22.08 | 3838.72 | 1534.97 | 70.71 | 28.27 | 98.98 | 0.82 | 101.89 | 19.57 | 2.94 | 0.44 | 251.15 | 31.65 | 219.5 | 62.17 |
| 1804 | 5-1014 | 51014 | 1 | 2/1/79 | 11042.14 | 1584.86 | 12627 | 352.11 | 22.02 | 10982.83 | 1576.35 | 52.51 | 7.54 | 60.05 | 0.02 | 274.53 | 21.64 | 0.16 | 0.23 | 77.58 | 7.93 | 69.65 | 19.78 |
| 1805 | 1-0172 | 10172 | 2 | 5/13/81 | 9783.14 | 1584.86 | 11368 | 352.11 | 22.02 | 9585.13 | 1552.78 | 135.37 | 21.93 | 157.3 | 0.62 | 163.86 | 20.45 | 1.53 | 0.44 | 188.25 | 23.9 | 164.35 | 46.68 |
| 1806 | 1-0250 | 10250 | 2 | 5/13/81 | 9300.33 | 1580.67 | 10881 | 351.18 | 21.96 | 9122.09 | 1550.37 | 124.83 | 21.22 | 146.05 | 0.5 | 172.36 | 20.48 | 1.38 | 0.44 | 178.82 | 23.04 | 155.78 | 44.36 |
| 1807 | 1-0284 | 10284 | 2 | 5/13/81 | 9300.33 | 1580.67 | 10881 | 351.18 | 21.96 | 9122.09 | 1550.37 | 124.83 | 21.22 | 146.05 | 0.5 | 172.36 | 20.48 | 1.38 | 0.44 | 178.82 | 23.04 | 155.78 | 44.36 |
| 1808 | 1-0351 | 10351 | 2 | 5/13/81 | 9300.33 | 1580.67 | 10881 | 351.18 | 21.96 | 9082.46 | 1543.64 | 138.66 | 23.57 | 162.23 | 0.86 | 140.6 | 20.22 | 1.84 | 0.41 | 210.58 | 25.82 | 184.76 | 52.61 |
| 1809 | 2-2197 | 22197 | 4 | 9/30/94 | 3939.33 | 1580.67 | 5520 | 351.18 | 21.96 | 3767.72 | 1511.79 | 76.52 | 30.7 | 107.22 | 1.41 | 71.26 | 18.81 | 4 | 0.49 | 279.92 | 35.19 | 244.73 | 69.69 |
| 1810 | 2-2644 | 22644 | 4 | 9/30/94 | 3990.53 | 1576.47 | 5567 | 350.24 | 21.91 | 3817.84 | 1508.22 | 77.5 | 30.61 | 108.11 | 1.4 | 72.61 | 18.78 | 3.93 | 0.48 | 277.63 | 35.02 | 242.61 | 69.27 |
| 1811 | 2-2236 | 22236 | 5 | 9/30/94 | 4329.53 | 1576.47 | 5906 | 350.24 | 21.91 | 4090.85 | 1489.58 | 90.27 | 32.87 | 123.14 | 2.6 | 48.2 | 17.8 | 5.5 | 0.62 | 302.04 | 38.99 | 263.05 | 75.11 |
| 1812 | 213165 | 213165 | 9 | 9/30/94 | 3707.67 | 1335.39 | 5043.06 | 350.02 | 21.43 | 3663.84 | 1319.61 | 35.82 | 12.9 | 48.72 | 0.06 | 240.69 | 20.5 | 0.55 | 0.41 | 109.33 | 13.86 | 95.47 | 27.28 |
| 1813 | 215053 | 215053 | 9 | 9/30/94 | 3707.67 | 1335.39 | 5043.06 | 350.02 | 21.43 | 3659.82 | 1318.17 | 38.3 | 13.8 | 52.1 | 0.07 | 231.25 | 20.43 | 0.64 | 0.41 | 118.77 | 14.85 | 103.92 | 29.69 |
| 1814 | 215072 | 215072 | 9 | 9/30/94 | 3707.67 | 1335.39 | 5043.06 | 350.02 | 21.43 | 3665.12 | 1320.08 | 35.35 | 12.73 | 48.08 | 0.05 | 248.95 | 20.52 | 0.5 | 0.43 | 101.07 | 13.66 | 87.41 | 24.97 |
| 1815 | 215086 | 215086 | 9 | 9/30/94 | 3707.67 | 1335.39 | 5043.06 | 350.02 | 21.43 | 3652.83 | 1315.62 | 42.69 | 15.38 | 58.07 | 0.1 | 218.49 | 20.27 | 0.81 | 0.44 | 131.53 | 16.63 | 114.9 | 32.83 |
| 1816 | 215103 | 215103 | 9 | 9/30/94 | 3707.67 | 1335.39 | 5043.06 | 350.02 | 21.43 | 3669.04 | 1321.46 | 32.6 | 11.74 | 44.34 | 0.04 | 254.88 | 20.61 | 0.43 | 0.4 | 95.14 | 12.57 | 82.57 | 23.59 |
| 1817 | 215122 | 215122 | 9 | 9/30/94 | 3707.67 | 1335.39 | 5043.06 | 350.02 | 21.43 | 3648.43 | 1314.04 | 45.11 | 16.25 | 61.36 | 0.13 | 208.9 | 20.19 | 0.93 | 0.44 | 141.12 | 17.62 | 123.5 | 35.28 |
| 1818 | 1-0166 | 10166 | 2 | 5/13/81 | 10018.72 | 1572.28 | 11591 | 349.31 | 21.85 | 9872.42 | 1549.32 | 110.19 | 17.29 | 127.48 | 0.27 | 200.91 | 20.71 | 0.88 | 0.39 | 148.4 | 18.56 | 129.84 | 37.17 |
| 1819 | 1-1690 | 11690 | 1 | 2/1/79 | 10004.91 | 1568.09 | 11573 | 348.38 | 21.79 | 9921.9 | 1555.08 | 70.4 | 11.03 | 81.43 | 0.07 | 249.79 | 21.16 | 0.34 | 0.31 | 98.59 | 11.68 | 86.91 | 24.95 |
| 1820 | 5-0610 | 50610 | 1 | 2/1/79 | 11363.91 | 1568.09 | 12932 | 348.38 | 21.79 | 11326.61 | 1562.94 | 34.52 | 4.76 | 39.28 | 0.01 | 297.53 | 21.57 | 0.07 | 0.15 | 50.85 | 4.98 | 45.87 | 13.17 |
| 1821 | 1-0393 | 10393 | 2 | 5/13/81 | 10004.91 | 1568.09 | 11573 | 348.38 | 21.79 | 9858.81 | 1545.19 | 110.04 | 17.25 | 127.29 | 0.27 | 200.37 | 20.66 | 0.88 | 0.39 | 148.01 | 18.52 | 129.49 | 37.17 |
| 1822 | 2-0437 | 20437 | 4 | 9/30/94 | 3928.91 | 1568.09 | 5497 | 348.38 | 21.79 | 3793.28 | 1513.95 | 70.5 | 28.14 | 98.64 | 0.83 | 99.94 | 19.29 | 2.91 | 0.42 | 248.44 | 31.47 | 216.97 | 62.28 |
| 1823 | 5-2839 | 52839 | 2 | 5/13/81 | 11276.11 | 1563.89 | 12840 | 347.45 | 21.73 | 11167.62 | 1548.85 | 86.05 | 11.93 | 97.98 | 0.11 | 221.18 | 21.08 | 0.44 | 0.27 | 126.27 | 12.64 | 113.63 | 32.70 |
| 1824 | 6-2559 | 62559 | 7 | 9/30/94 | 7468 | 0 | 7468 | 347.00 | 0 | 6085.55 | 1203.04 | 85.89 | 16.98 | 102.87 | 0.65 | 109 | 18.73 | 1.7 | 0.28 | 238 | 18.96 | 219.04 | 63.12 |
| 1825 | 6-4507 | 64507 | 7 | 9/30/94 | 7468 | 0 | 7468 | 347.00 | 0 | 6083.02 | 1202.56 | 87.81 | 17.36 | 105.17 | 0.75 | 115.01 | 18.54 | 1.88 | 0.38 | 231.99 | 19.62 | 212.37 | 61.20 |
| 1826 | 6-4591 | 64591 | 7 | 9/30/94 | 7468 | 0 | 7468 | 347.00 | 0 | 6043.01 | 1194.66 | 95.06 | 18.79 | 113.85 | 1.18 | 78.34 | 18.33 | 2.37 | 0.31 | 268.66 | 21.47 | 247.19 | 71.24 |
| 1827 | 6-5701 | 65701 | 7 | 9/30/94 | 7468 | 0 | 7468 | 347.00 | 0 | 6021.61 | 1190.42 | 100.91 | 19.95 | 120.86 | 1.57 | 75.15 | 17.98 | 2.79 | 0.37 | 271.85 | 23.11 | 248.74 | 71.68 |
| 1828 | 6-5716 | 65716 | 7 | 9/30/94 | 7468 | 0 | 7468 | 347.00 | 0 | 6026.77 | 1191.46 | 101.16 | 20 | 121.16 | 1.49 | 79.41 | 17.97 | 2.81 | 0.4 | 267.59 | 23.21 | 244.38 | 70.43 |
| 1829 | 5-0965 | 50965 | 1 | 2/1/79 | 11293.3 | 1559.7 | 12853 | 346.52 | 21.67 | 11237.74 | 1552.03 | 50.06 | 6.91 | 56.97 | 0.02 | 280.61 | 21.31 | 0.14 | 0.24 | 65.91 | 7.29 | 58.62 | 16.92 |
| 1830 | 1-1177 | 11177 | 2 | 5/13/81 | 10239.49 | 1555.51 | 11795 | 345.59 | 21.61 | 10084.72 | 1532 | 115.26 | 17.51 | 132.77 | 0.3 | 192.9 | 20.48 | 0.92 | 0.38 | 152.69 | 18.81 | 133.88 | 38.74 |
| 1831 | 1-1212 | 11212 | 2 | 5/13/81 | 10239.49 | 1555.51 | 11795 | 345.59 | 21.61 | 10046.16 | 1526.14 | 135.13 | 20.53 | 155.66 | 0.54 | 171.12 | 20.14 | 1.33 | 0.43 | 174.47 | 22.29 | 152.18 | 44.03 |
| 1832 | 1-2869 | 12869 | 2 | 5/13/81 | 10239.49 | 1555.51 | 11795 | 345.59 | 21.61 | 10092.37 | 1533.16 | 111.13 | 16.88 | 128.01 | 0.26 | 200.56 | 20.5 | 0.85 | 0.39 | 145.03 | 18.12 | 126.91 | 36.72 |
| 1833 | 1-1544 | 11544 | 1 | 2/1/79 | 10036.68 | 1551.32 | 11588 | 344.65 | 21.56 | 9925.86 | 1534.19 | 89.23 | 13.79 | 103.02 | 0.15 | 221.04 | 20.73 | 0.55 | 0.35 | 123.61 | 14.69 | 108.92 | 31.60 |
| 1834 | 1-1741 | 11741 | 1 | 2/1/79 | 10036.68 | 1551.32 | 11588 | 344.65 | 21.56 | 9923.85 | 1533.88 | 90.65 | 14.01 | 104.66 | 0.15 | 220.26 | 20.71 | 0.57 | 0.36 | 124.39 | 14.94 | 109.45 | 31.76 |
| 1835 | 1-2543 | 12543 | 1 | 2/1/79 | 10036.68 | 1551.32 | 11588 | 344.65 | 21.56 | 9952.2 | 1538.26 | 72.2 | 11.16 | 83.36 | 0.07 | 250.88 | 20.9 | 0.34 | 0.34 | 93.77 | 11.84 | 81.93 | 23.77 |
| 1836 | 1-2865 | 12865 | 1 | 2/1/79 | 10036.68 | 1551.32 | 11588 | 344.65 | 21.56 | 9941.18 | 1536.55 | 79.7 | 12.32 | 92.02 | 0.09 | 238.87 | 20.82 | 0.43 | 0.35 | 105.78 | 13.1 | 92.68 | 26.89 |
| 1837 | 5-2838 | 52838 | 1 | 2/1/79 | 11120.88 | 1547.12 | 12668 | 343.72 | 21.5 | 11057.57 | 1538.32 | 56.09 | 7.8 | 63.89 | 0.03 | 268.91 | 21.08 | 0.18 | 0.25 | 74.81 | 8.23 | 66.58 | 19.37 |
| 1838 | 1-0140 | 10140 | 2 | 5/13/81 | 10156.88 | 1547.12 | 11704 | 343.72 | 21.5 | 10000.22 | 1523.26 | 115.45 | 17.59 | 133.04 | 0.32 | 189.22 | 20.33 | 0.96 | 0.4 | 154.5 | 18.95 | 135.55 | 39.44 |
| 1839 | 1-0212 | 10212 | 2 | 5/13/81 | 10156.88 | 1547.12 | 11704 | 343.72 | 21.5 | 9998.55 | 1523.01 | 116.21 | 17.7 | 133.91 | 0.33 | 187.66 | 20.32 | 0.97 | 0.4 | 156.06 | 19.07 | 136.99 | 39.86 |
| 1840 | 1-1243 | 11243 | 2 | 5/13/81 | 10156.88 | 1547.12 | 11704 | 343.72 | 21.5 | 9950.13 | 1515.63 | 139.92 | 21.31 | 161.23 | 0.65 | 157.46 | 19.97 | 1.48 | 0.41 | 186.26 | 23.2 | 163.06 | 47.44 |
| 1841 | 1-1315 | 11315 | 2 | 5/13/81 | 10156.88 | 1547.12 | 11704 | 343.72 | 21.5 | 9979 | 1520.03 | 126.78 | 19.31 | 146.09 | 0.44 | 175.93 | 20.17 | 1.17 | 0.41 | 167.79 | 20.89 | 146.9 | 42.74 |
| 1842 | 1-2157 | 12157 | 2 | 5/13/81 | 10156.88 | 1547.12 | 11704 | 343.72 | 21.5 | 10082.46 | 1535.79 | 63.69 | 9.7 | 73.39 | 0.04 | 253.89 | 20.97 | 0.27 | 0.27 | 89.83 | 10.24 | 79.59 | 23.16 |
| 1843 | 1-2832 | 12832 | 2 | 5/13/81 | 10156.88 | 1547.12 | 11704 | 343.72 | 21.5 | 9979 | 1520.03 | 126.78 | 19.31 | 146.09 | 0.44 | 175.93 | 20.17 | 1.17 | 0.41 | 167.79 | 20.89 | 146.9 | 42.74 |
| 1844 | 1-2842 | 12842 | 2 | 5/13/81 | 10156.88 | 1547.12 | 11704 | 343.72 | 21.5 | 9968.45 | 1518.42 | 132.36 | 20.16 | 152.52 | 0.51 | 171.12 | 20.07 | 1.29 | 0.42 | 172.6 | 21.87 | 150.73 | 43.85 |
| 1845 | 1-2929 | 12929 | 2 | 5/13/81 | 9985.88 | 1547.12 | 11533 | 343.72 | 21.5 | 9801.81 | 1518.61 | 127.7 | 19.78 | 147.48 | 0.5 | 164.67 | 20.16 | 1.26 | 0.38 | 179.05 | 21.42 | 157.63 | 45.86 |
| 1846 | 1-1062 | 11062 | 1 | 2/1/79 | 10169.07 | 1542.93 | 11712 | 342.79 | 21.44 | 10111.07 | 1534.13 | 51.86 | 7.87 | 59.73 | 0.02 | 273.53 | 21.01 | 0.17 | 0.26 | 69.26 | 8.3 | 60.96 | 17.78 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1847 | 1-1066 | 11066 | 1 | 2/1/79 | 10147.07 | 1542.93 | 11690 | 342.79 | 21.44 | 10088.99 | 1534.1 | 52.03 | 7.91 | 59.94 | 0.02 | 274.49 | 21 | 0.17 | 0.27 | 68.3 | 8.35 | 59.95 | 17.49 |
| 1848 | 1-1446 | 11446 | 1 | 2/1/79 | 10016.07 | 1542.93 | 11559 | 342.79 | 21.44 | 9920.3 | 1528.18 | 79.84 | 12.3 | 92.14 | 0.1 | 236.53 | 20.71 | 0.43 | 0.35 | 106.26 | 13.08 | 93.18 | 27.18 |
| 1849 | 1-1678 | 11678 | 1 | 2/1/79 | 10016.07 | 1542.93 | 11559 | 342.79 | 21.44 | 9962.82 | 1534.73 | 48.04 | 7.4 | 55.44 | 0.02 | 278.48 | 21.04 | 0.15 | 0.26 | 64.31 | 7.81 | 56.5 | 16.48 |
| 1850 | 1-2718 | 12718 | 1 | 2/1/79 | 10318.07 | 1542.93 | 11861 | 342.79 | 21.44 | 10259.75 | 1534.21 | 52.09 | 7.79 | 59.88 | 0.02 | 272.75 | 21.02 | 0.17 | 0.26 | 70.04 | 8.22 | 61.82 | 18.03 |
| 1851 | 5-0373 | 50373 | 2 | 5/13/81 | 11129.07 | 1542.93 | 12672 | 342.79 | 21.44 | 10971.88 | 1521.14 | 115.35 | 15.99 | 131.34 | 0.3 | 186.24 | 20.43 | 0.83 | 0.33 | 156.55 | 17.15 | 139.4 | 40.67 |
| 1852 | 5-1307 | 51307 | 2 | 5/13/81 | 11129.07 | 1542.93 | 12672 | 342.79 | 21.44 | 10970.87 | 1521 | 116.29 | 16.12 | 132.41 | 0.3 | 186.42 | 20.42 | 0.84 | 0.33 | 156.37 | 17.29 | 139.08 | 40.57 |
| 1853 | 1-0867 | 10867 | 1 | 2/1/79 | 10148.26 | 1538.74 | 11687 | 341.86 | 21.38 | 10098.19 | 1531.15 | 45.12 | 6.84 | 51.96 | 0.02 | 277.04 | 21.03 | 0.13 | 0.22 | 64.82 | 7.19 | 57.63 | 16.86 |
| 1854 | 1-0963 | 10963 | 1 | 2/1/79 | 10079.26 | 1538.74 | 11618 | 341.86 | 21.38 | 10043.92 | 1533.34 | 32.92 | 5.03 | 37.95 | 0.01 | 295.81 | 21.12 | 0.07 | 0.19 | 46.05 | 5.29 | 40.76 | 11.92 |
| 1855 | 1-1075 | 11075 | 1 | 2/1/79 | 10123.26 | 1538.74 | 11662 | 341.86 | 21.38 | 10048.83 | 1527.42 | 64.74 | 9.84 | 74.58 | 0.05 | 257.86 | 20.81 | 0.27 | 0.32 | 84 | 10.43 | 73.57 | 21.52 |
| 1856 | 1-1450 | 11450 | 1 | 2/1/79 | 10124.26 | 1538.74 | 11663 | 341.86 | 21.38 | 10000.3 | 1519.9 | 97.97 | 14.89 | 112.86 | 0.19 | 210.95 | 20.46 | 0.65 | 0.37 | 130.91 | 15.91 | 115 | 33.64 |
| 1857 | 1-1908 | 11908 | 1 | 2/1/79 | 10124.26 | 1538.74 | 11663 | 341.86 | 21.38 | 10020.63 | 1522.99 | 85.11 | 12.94 | 98.05 | 0.12 | 228.95 | 20.61 | 0.48 | 0.35 | 112.91 | 13.77 | 99.14 | 29.00 |
| 1858 | 1-1989 | 11989 | 1 | 2/1/79 | 10148.26 | 1538.74 | 11687 | 341.86 | 21.38 | 10094.9 | 1530.65 | 47.82 | 7.25 | 55.07 | 0.02 | 273.96 | 21 | 0.15 | 0.23 | 67.9 | 7.63 | 60.27 | 17.63 |
| 1859 | 1-2175 | 12175 | 1 | 2/1/79 | 10003.26 | 1538.74 | 11542 | 341.86 | 21.38 | 9925.26 | 1526.74 | 67.11 | 10.32 | 77.43 | 0.05 | 251.8 | 20.79 | 0.3 | 0.31 | 90.06 | 10.93 | 79.13 | 23.15 |
| 1860 | 5-2608 | 52608 | 1 | 2/1/79 | 11485.26 | 1538.74 | 13024 | 341.86 | 21.38 | 11460.56 | 1535.43 | 23.38 | 3.13 | 26.51 | 0 | 305.12 | 21.25 | 0.03 | 0.1 | 36.74 | 3.26 | 33.48 | 9.79 |
| 1861 | 5-2802 | 52802 | 1 | 2/1/79 | 11485.26 | 1538.74 | 13024 | 341.86 | 21.38 | 11461.29 | 1535.53 | 22.74 | 3.05 | 25.79 | 0 | 305.94 | 21.26 | 0.03 | 0.09 | 35.92 | 3.17 | 32.75 | 9.58 |
| 1862 | 1-1787 | 11787 | 2 | 5/13/81 | 10148.26 | 1538.74 | 11687 | 341.86 | 21.38 | 10041.3 | 1522.52 | 85.31 | 12.94 | 98.25 | 0.12 | 220.04 | 20.63 | 0.49 | 0.3 | 121.82 | 13.73 | 108.09 | 31.62 |
| 1863 | 5-0333 | 50333 | 2 | 5/13/81 | 11485.26 | 1538.74 | 13024 | 341.86 | 21.38 | 11421.78 | 1530.23 | 54.6 | 7.32 | 61.92 | 0.03 | 254.9 | 21.06 | 0.16 | 0.17 | 86.96 | 7.65 | 79.31 | 23.20 |
| 1864 | 5-2713 | 52713 | 2 | 5/13/81 | 11485.26 | 1538.74 | 13024 | 341.86 | 21.38 | 11427.17 | 1530.95 | 50.64 | 6.79 | 57.43 | 0.02 | 261.49 | 21.09 | 0.14 | 0.16 | 80.37 | 7.09 | 73.28 | 21.44 |
| 1865 | 5-2110 | 52110 | 1 | 2/1/79 | 11507.46 | 1534.54 | 13042 | 340.93 | 21.32 | 11486.09 | 1531.7 | 20.41 | 2.72 | 23.13 | 0 | 309.75 | 21.21 | 0.02 | 0.09 | 31.18 | 2.83 | 28.35 | 8.32 |
| 1866 | 1-0613 | 10613 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9343.06 | 1511.35 | 106.79 | 17.27 | 124.06 | 0.28 | 190.3 | 20.2 | 0.91 | 0.38 | 150.63 | 18.56 | 132.07 | 38.74 |
| 1867 | 1-0623 | 10623 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9359.08 | 1513.94 | 97.79 | 15.82 | 113.61 | 0.2 | 203.3 | 20.33 | 0.74 | 0.36 | 137.63 | 16.92 | 120.71 | 35.41 |
| 1868 | 1-0778 | 10778 | 2 | 5/13/81 | 10041.45 | 1534.54 | 11575.99 | 340.93 | 21.32 | 9924.18 | 1516.62 | 92.58 | 14.15 | 106.73 | 0.15 | 215.58 | 20.45 | 0.59 | 0.36 | 125.35 | 15.1 | 110.25 | 32.34 |
| 1869 | 1-0882 | 10882 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9359.08 | 1513.94 | 97.79 | 15.82 | 113.61 | 0.2 | 203.3 | 20.33 | 0.74 | 0.36 | 137.63 | 16.92 | 120.71 | 35.41 |
| 1870 | 1-0910 | 10910 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9313.82 | 1506.62 | 120.05 | 19.42 | 139.47 | 0.46 | 165 | 20.01 | 1.22 | 0.37 | 175.93 | 21.01 | 154.92 | 45.44 |
| 1871 | 1-1033 | 11033 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9311.59 | 1506.26 | 121.31 | 19.62 | 140.93 | 0.48 | 163.33 | 20 | 1.25 | 0.37 | 177.6 | 21.24 | 156.36 | 45.86 |
| 1872 | 1-1825 | 11825 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9320.32 | 1507.67 | 118.41 | 19.15 | 137.56 | 0.41 | 174.5 | 20.01 | 1.16 | 0.4 | 166.43 | 20.71 | 145.72 | 42.74 |
| 1873 | 1-1829 | 11829 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9323.01 | 1508.11 | 116.27 | 18.81 | 135.08 | 0.39 | 173.59 | 20.07 | 1.11 | 0.37 | 167.34 | 20.29 | 147.05 | 43.13 |
| 1874 | 1-1914 | 11914 | 2 | 5/13/81 | 10041.45 | 1534.54 | 11575.99 | 340.93 | 21.32 | 9851.87 | 1505.57 | 132.51 | 20.25 | 152.76 | 0.53 | 168.81 | 19.87 | 1.31 | 0.42 | 172.12 | 21.98 | 150.14 | 44.04 |
| 1875 | 1-1931 | 11931 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9323.01 | 1508.11 | 116.27 | 18.81 | 135.08 | 0.39 | 173.59 | 20.07 | 1.11 | 0.37 | 167.34 | 20.29 | 147.05 | 43.13 |
| 1876 | 1-1969 | 11969 | 2 | 5/13/81 | 10041.45 | 1534.54 | 11575.99 | 340.93 | 21.32 | 9855.17 | 1506.08 | 130.86 | 20 | 150.86 | 0.5 | 169.73 | 19.91 | 1.28 | 0.42 | 171.2 | 21.7 | 149.5 | 43.85 |
| 1877 | 1-2392 | 12392 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9343.06 | 1511.35 | 106.79 | 17.27 | 124.06 | 0.28 | 190.3 | 20.2 | 0.91 | 0.38 | 150.63 | 18.56 | 132.07 | 38.74 |
| 1878 | 1-2445 | 12445 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9293.35 | 1503.31 | 130.68 | 21.14 | 151.82 | 0.61 | 156.18 | 19.8 | 1.47 | 0.41 | 184.75 | 23.02 | 161.73 | 47.44 |
| 1879 | 1-2719 | 12719 | 2 | 5/13/81 | 9486.46 | 1534.54 | 11021 | 340.93 | 21.32 | 9359.08 | 1513.94 | 97.79 | 15.82 | 113.61 | 0.2 | 203.3 | 20.33 | 0.74 | 0.36 | 137.63 | 16.92 | 120.71 | 35.41 |
| 1880 | 1-2931 | 12931 | 2 | 5/13/81 | 10712.45 | 1534.54 | 12246.99 | 340.93 | 21.32 | 10558.54 | 1512.5 | 116.26 | 16.65 | 132.91 | 0.27 | 197.86 | 20.22 | 0.84 | 0.39 | 143.07 | 17.88 | 125.19 | 36.72 |
| 1881 | 5-0517 | 50517 | 2 | 5/13/81 | 11507.46 | 1534.54 | 13042 | 340.93 | 21.32 | 11443.38 | 1526 | 55.21 | 7.36 | 62.57 | 0.03 | 255.28 | 20.99 | 0.16 | 0.18 | 85.65 | 7.7 | 77.95 | 22.86 |
| 1882 | 5-0773 | 50773 | 1 | 2/1/79 | 11146.65 | 1530.35 | 12677 | 340.00 | 21.26 | 11102.67 | 1524.31 | 40.43 | 5.55 | 45.98 | 0.01 | 286.42 | 20.98 | 0.09 | 0.19 | 53.58 | 5.83 | 47.75 | 14.04 |
| 1883 | 5-1887 | 51887 | 1 | 2/1/79 | 11171.65 | 1530.35 | 12702 | 340.0 | 21.26 | 11123.15 | 1523.71 | 44.19 | 6.05 | 50.24 | 0.01 | 281.5 | 20.96 | 0.11 | 0.2 | 58.5 | 6.36 | 52.14 | 15.34 |
| 1884 | 1-0343 | 10343 | 1 | 2/1/79 | 10133.84 | 1526.16 | 11660 | 339.07 | 21.21 | 10037.41 | 1511.64 | 80.48 | 12.12 | 92.6 | 0.1 | 234.99 | 20.49 | 0.42 | 0.35 | 104.08 | 12.89 | 91.19 | 26.89 |
| 1885 | 1-0469 | 10469 | 1 | 2/1/79 | 10326.84 | 1526.16 | 11853 | 339.07 | 21.21 | 10289.13 | 1520.59 | 35.03 | 5.18 | 40.21 | 0.01 | 292.11 | 20.94 | 0.08 | 0.19 | 46.96 | 5.45 | 41.51 | 12.24 |
| 1886 | 1-1614 | 11614 | 1 | 2/1/79 | 10326.84 | 1526.16 | 11853 | 339.07 | 21.21 | 10284.79 | 1519.95 | 38.83 | 5.74 | 44.57 | 0.01 | 288.57 | 20.9 | 0.1 | 0.21 | 50.5 | 6.05 | 44.45 | 13.11 |
| 1887 | 1-1714 | 11714 | 1 | 2/1/79 | 10326.84 | 1526.16 | 11853 | 339.07 | 21.21 | 10233.89 | 1512.42 | 77.9 | 11.51 | 89.41 | 0.08 | 236.92 | 20.54 | 0.38 | 0.32 | 102.15 | 12.21 | 89.94 | 26.53 |
| 1888 | 1-2008 | 12008 | 1 | 2/1/79 | 10153.84 | 1526.16 | 11680 | 339.07 | 21.21 | 10037.93 | 1508.74 | 93.39 | 14.04 | 107.43 | 0.16 | 217.97 | 20.35 | 0.57 | 0.37 | 121.1 | 14.98 | 106.12 | 31.30 |
| 1889 | 1-2068 | 12068 | 1 | 2/1/79 | 10326.84 | 1526.16 | 11853 | 339.07 | 21.21 | 10267.94 | 1517.46 | 52.66 | 7.78 | 60.44 | 0.02 | 270.56 | 20.78 | 0.17 | 0.26 | 68.51 | 8.21 | 60.3 | 17.78 |
| 1890 | 1-2427 | 12427 | 1 | 2/1/79 | 9792.84 | 1526.16 | 11319 | 339.07 | 21.21 | 9736.78 | 1517.42 | 50.22 | 7.83 | 58.05 | 0.02 | 271.51 | 20.77 | 0.17 | 0.27 | 67.56 | 8.27 | 59.29 | 17.49 |
| 1891 | 5-2020 | 52020 | 1 | 2/1/79 | 11074.84 | 1526.16 | 12601 | 339.07 | 21.21 | 11045.55 | 1522.12 | 27.62 | 3.81 | 31.43 | 0 | 300.7 | 21.03 | 0.05 | 0.14 | 38.37 | 4 | 34.37 | 10.14 |
| 1892 | 5-2670 | 52670 | 1 | 2/1/79 | 11074.84 | 1526.16 | 12601 | 339.07 | 21.21 | 11047.62 | 1522.41 | 25.78 | 3.55 | 29.33 | 0 | 303.22 | 21.04 | 0.04 | 0.13 | 35.85 | 3.72 | 32.13 | 9.48 |
| 1893 | 1-0272 | 10272 | 2 | 5/13/81 | 10326.84 | 1526.16 | 11853 | 339.07 | 21.21 | 10138.91 | 1498.39 | 130.68 | 19.31 | 149.99 | 0.5 | 164.1 | 19.9 | 1.21 | 0.37 | 174.97 | 20.89 | 154.08 | 45.44 |
| 1894 | 1-0510 | 10510 | 2 | 5/13/81 | 10325.84 | 1526.16 | 11852 | 339.07 | 21.21 | 10205.46 | 1508.37 | 95.32 | 14.09 | 109.41 | 0.15 | 214.58 | 20.34 | 0.59 | 0.34 | 124.49 | 15.02 | 109.47 | 32.29 |
| 1895 | 1-2000 | 12000 | 2 | 5/13/81 | 10326.84 | 1526.16 | 11853 | 339.07 | 21.21 | 10164.26 | 1502.13 | 119.11 | 17.6 | 136.71 | 0.34 | 183.5 | 20.04 | 0.97 | 0.38 | 155.57 | 18.95 | 136.62 | 40.29 |
| 1896 | 1-2676 | 12676 | 2 | 5/13/81 | 10326.84 | 1526.16 | 11853 | 339.07 | 21.21 | 10206.45 | 1508.37 | 95.33 | 14.09 | 109.42 | 0.15 | 214.58 | 20.34 | 0.59 | 0.34 | 124.49 | 15.02 | 109.47 | 32.29 |
| 1897 | 5-2151 | 52151 | 2 | 5/13/81 | 11074.84 | 1526.16 | 12601 | 339.07 | 21.21 | 11004.44 | 1516.46 | 60.6 | 8.35 | 68.95 | 0.03 | 253.93 | 20.78 | 0.21 | 0.23 | 85.14 | 8.79 | 76.35 | 22.52 |
| 1898 | 5-2360 | 52360 | 2 | 5/13/81 | 11074.84 | 1526.16 | 12601 | 339.07 | 21.21 | 11001.88 | 1516.11 | 62.62 | 8.63 | 71.25 | 0.04 | 252.13 | 20.76 | 0.22 | 0.23 | 86.94 | 9.08 | 77.86 | 22.96 |
| 1899 | 1-0242 | 10242 | 1 | 2/1/79 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9956.2 | 1511.67 | 59.49 | 9.03 | 68.52 | 0.04 | 259.46 | 20.64 | 0.23 | 0.29 | 78.67 | 9.55 | 69.12 | 20.44 |
| 1900 | 1-1161 | 11161 | 1 | 2/1/79 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9953.19 | 1511.21 | 61.8 | 9.38 | 71.18 | 0.04 | 256.7 | 20.62 | 0.25 | 0.29 | 81.43 | 9.92 | 71.51 | 21.15 |
| 1901 | 1-1223 | 11223 | 1 | 2/1/79 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9962.39 | 1512.61 | 54.84 | 8.33 | 63.17 | 0.03 | 267.14 | 20.68 | 0.19 | 0.28 | 70.99 | 8.8 | 62.19 | 18.39 |
| 1902 | 1-1278 | 11278 | 1 | 2/1/79 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9953.19 | 1511.21 | 61.8 | 9.38 | 71.18 | 0.04 | 256.7 | 20.62 | 0.25 | 0.29 | 81.43 | 9.92 | 71.51 | 21.15 |
| 1903 | 1-1625 | 11625 | 1 | 2/1/79 | 9926.03 | 1521.97 | 11448 | 338.13 | 21.15 | 9833.3 | 1507.75 | 77.65 | 11.91 | 89.56 | 0.09 | 235.78 | 20.45 | 0.4 | 0.34 | 102.35 | 12.65 | 89.7 | 26.53 |
| 1904 | 1-1861 | 11861 | 1 | 2/1/79 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9933.81 | 1508.27 | 75.62 | 11.48 | 87.1 | 0.08 | 236.27 | 20.48 | 0.38 | 0.32 | 101.86 | 12.18 | 89.68 | 26.52 |
| 1905 | 1-2035 | 12035 | 1 | 2/1/79 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9952.44 | 1511.1 | 62.34 | 9.47 | 71.81 | 0.04 | 255.37 | 20.62 | 0.25 | 0.3 | 82.76 | 10.02 | 72.74 | 21.51 |
| 1906 | 1-2407 | 12407 | 1 | 2/1/79 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9962.39 | 1512.61 | 54.84 | 8.33 | 63.17 | 0.03 | 267.14 | 20.68 | 0.19 | 0.28 | 70.99 | 8.8 | 62.19 | 18.39 |
| 1907 | 1-2798 | 12798 | 1 | 2/1/79 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9940.59 | 1509.3 | 71 | 10.78 | 81.78 | 0.07 | 243.65 | 20.53 | 0.33 | 0.32 | 94.48 | 11.43 | 83.05 | 24.56 |
| 1908 | 1-5198 | 15198 | 1 | 2/1/79 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9956.2 | 1511.67 | 59.49 | 9.03 | 68.52 | 0.04 | 259.46 | 20.64 | 0.23 | 0.29 | 78.67 | 9.55 | 69.12 | 20.44 |
| 1909 | 1-0238 | 10238 | 2 | 5/13/81 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9881.06 | 1500.26 | 108.64 | 16.49 | 125.13 | 0.25 | 196.65 | 20.08 | 0.83 | 0.39 | 141.48 | 17.71 | 123.77 | 36.60 |
| 1910 | 1-1011 | 11011 | 2 | 5/13/81 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9866.22 | 1498.01 | 115.62 | 17.56 | 133.18 | 0.33 | 183 | 19.98 | 0.97 | 0.37 | 155.13 | 18.9 | 136.23 | 40.29 |
| 1911 | 1-1421 | 11421 | 2 | 5/13/81 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9902.54 | 1503.52 | 96.35 | 14.63 | 110.98 | 0.16 | 213.7 | 20.23 | 0.65 | 0.38 | 124.43 | 15.66 | 108.77 | 32.17 |
| 1912 | 1-1742 | 11742 | 2 | 5/13/81 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9871.61 | 1498.82 | 113.39 | 17.22 | 130.61 | 0.3 | 187.89 | 20.02 | 0.93 | 0.39 | 150.24 | 18.54 | 131.7 | 38.95 |
| 1913 | 1-1832 | 11832 | 2 | 5/13/81 | 10024.03 | 1521.97 | 11546 | 338.13 | 21.15 | 9881.06 | 1500.26 | 108.64 | 16.49 | 125.13 | 0.25 | 196.65 | 20.08 | 0.83 | 0.39 | 141.48 | 17.71 | 123.77 | 36.60 |
| 1914 | 2-2090 | 22090 | 4 | 9/30/94 | 4530.23 | 1517.77 | 6048 | 337.20 | 21.09 | 4344.5 | 1455.55 | 85.5 | 28.64 | 114.14 | 1.49 | 72.64 | 18.07 | 3.9 | 0.53 | 264.56 | 33.07 | 231.49 | 68.65 |
| 1915 | 1-0326 | 10326 | 1 | 2/1/79 | 10343.42 | 1513.58 | 11857 | 336.27 | 21.03 | 10237.55 | 1498.09 | 86.95 | 12.72 | 99.67 | 0.12 | 225.21 | 20.27 | 0.47 | 0.34 | 111.06 | 13.53 | 97.53 | 29.00 |
| 1916 | 1-1054 | 11054 | 1 | 2/1/79 | 10372.42 | 1513.58 | 11886 | 336.27 | 21.03 | 10317.88 | 1505.62 | 48.87 | 7.13 | 56 | 0.02 | 269.48 | 20.66 | 0.15 | 0.23 | 66.79 | 7.51 | 59.28 | 17.63 |
| 1917 | 1-1574 | 11574 | 1 | 2/1/79 | 10374.42 | 1513.58 | 11888 | 336.27 | 21.03 | 10300.32 | 1502.77 | 64.52 | 9.41 | 73.93 | 0.04 | 253.96 | 20.5 | 0.25 | 0.29 | 82.31 | 9.95 | 72.36 | 21.52 |

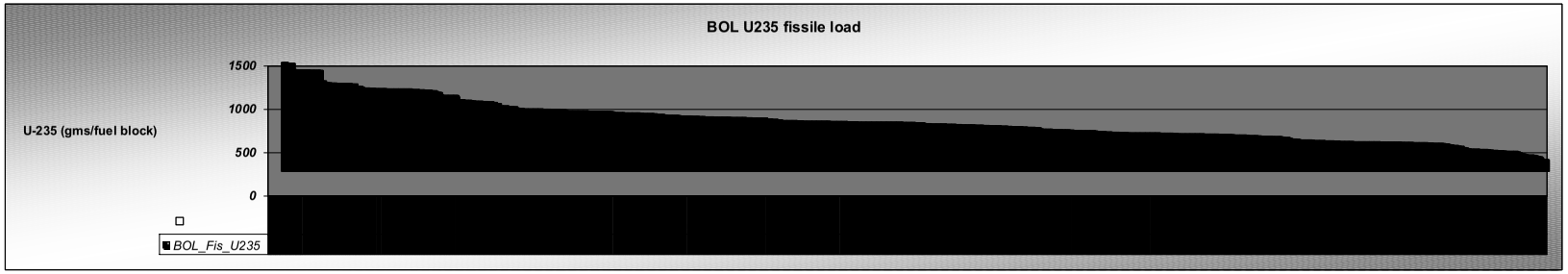
| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1918 | 1-2336 | 12336 | 1 | 2/1/79 | 10372.42 | 1513.58 | 11886 | 336.27 | 21.03 | 10334.55 | 1508.05 | 35.18 | 5.13 | 40.31 | 0.01 | 289.7 | 20.77 | 0.08 | 0.19 | 46.57 | 5.4 | 41.17 | 12.24 |
| 1919 | 1-0702 | 10702 | 2 | 5/13/81 | 10309.42 | 1513.58 | 11823 | 336.27 | 21.03 | 10189.23 | 1495.94 | 95.17 | 13.97 | 109.14 | 0.15 | 212.81 | 20.18 | 0.59 | 0.34 | 123.46 | 14.9 | 108.56 | 32.28 |
| 1920 | 1-1057 | 11057 | 2 | 5/13/81 | 10372.42 | 1513.58 | 11886 | 336.27 | 21.03 | 10295.83 | 1502.41 | 65.81 | 9.6 | 75.41 | 0.04 | 249.83 | 20.5 | 0.27 | 0.29 | 86.44 | 10.16 | 76.28 | 22.68 |
| 1921 | 1-0239 | 10239 | 1 | 2/1/79 | 10598.61 | 1509.39 | 12108 | 335.34 | 20.97 | 10512.44 | 1497.12 | 73.15 | 10.42 | 83.57 | 0.07 | 240.41 | 20.39 | 0.32 | 0.29 | 94.93 | 11.03 | 83.9 | 25.02 |
| 1922 | 1-0529 | 10529 | 1 | 2/1/79 | 10598.61 | 1509.39 | 12108 | 335.34 | 20.97 | 10519.93 | 1498.18 | 67.95 | 9.68 | 77.63 | 0.05 | 249.2 | 20.43 | 0.27 | 0.29 | 86.14 | 10.24 | 75.9 | 22.63 |
| 1923 | 1-1186 | 11186 | 1 | 2/1/79 | 10110.61 | 1509.39 | 11620 | 335.34 | 20.97 | 10075.16 | 1504.1 | 33.02 | 4.93 | 37.95 | 0.01 | 290.17 | 20.72 | 0.07 | 0.18 | 45.17 | 5.18 | 39.99 | 11.93 |
| 1924 | 1-1977 | 11977 | 1 | 2/1/79 | 10598.61 | 1509.39 | 12108 | 335.34 | 20.97 | 10519.93 | 1498.18 | 67.95 | 9.68 | 77.63 | 0.05 | 249.2 | 20.43 | 0.27 | 0.29 | 86.14 | 10.24 | 75.9 | 22.63 |
| 1925 | 1-2086 | 12086 | 1 | 2/1/79 | 10598.61 | 1509.39 | 12108 | 335.34 | 20.97 | 10510.38 | 1496.82 | 75.07 | 10.69 | 85.76 | 0.07 | 241.64 | 20.36 | 0.33 | 0.31 | 93.7 | 11.33 | 82.37 | 24.56 |
| 1926 | 1-2243 | 12243 | 1 | 2/1/79 | 10114.61 | 1509.39 | 11624 | 335.34 | 20.97 | 10071.79 | 1503 | 39.27 | 5.86 | 45.13 | 0.01 | 281.42 | 20.67 | 0.1 | 0.2 | 53.92 | 6.16 | 47.76 | 14.24 |
| 1927 | 1-2773 | 12773 | 1 | 2/1/79 | 10598.61 | 1509.39 | 12108 | 335.34 | 20.97 | 10510.68 | 1496.87 | 74.58 | 10.62 | 85.2 | 0.07 | 240.44 | 20.37 | 0.33 | 0.3 | 94.9 | 11.25 | 83.65 | 24.94 |
| 1928 | 1-2873 | 12873 | 1 | 2/1/79 | 10598.61 | 1509.39 | 12108 | 335.34 | 20.97 | 10561.45 | 1504.1 | 34.61 | 4.93 | 39.54 | 0.01 | 290.17 | 20.72 | 0.07 | 0.18 | 45.17 | 5.18 | 39.99 | 11.93 |
| 1929 | 1-2952 | 12952 | 1 | 2/1/79 | 10598.61 | 1509.39 | 12108 | 335.34 | 20.97 | 10512.44 | 1497.12 | 73.15 | 10.42 | 83.57 | 0.07 | 240.41 | 20.39 | 0.32 | 0.29 | 94.93 | 11.03 | 83.9 | 25.02 |
| 1930 | 1-1706 | 11706 | 2 | 5/13/81 | 10114.61 | 1509.39 | 11624 | 335.34 | 20.97 | 10039.92 | 1498.24 | 64.17 | 9.58 | 73.75 | 0.04 | 249.14 | 20.44 | 0.27 | 0.29 | 86.2 | 10.14 | 76.06 | 22.68 |
| 1931 | 1-2087 | 12087 | 2 | 5/13/81 | 10598.61 | 1509.39 | 12108 | 335.34 | 20.97 | 10514.07 | 1497.35 | 71.3 | 10.15 | 81.45 | 0.06 | 241.18 | 20.41 | 0.3 | 0.28 | 94.16 | 10.73 | 83.43 | 24.88 |
| 1932 | 1-4361 | 14361 | 2 | 5/13/81 | 10598.61 | 1509.39 | 12108 | 335.34 | 20.97 | 10470.16 | 1491.1 | 101.87 | 14.51 | 116.38 | 0.17 | 211.93 | 20.06 | 0.64 | 0.38 | 123.41 | 15.53 | 107.88 | 32.17 |
| 1933 | 1-4834 | 14834 | 2 | 5/13/81 | 10598.61 | 1509.39 | 12108 | 335.34 | 20.97 | 10437.45 | 1486.44 | 119.89 | 17.07 | 136.96 | 0.32 | 186.34 | 19.85 | 0.92 | 0.38 | 149 | 18.37 | 130.63 | 38.95 |
| 1934 | 5-1963 | 51963 | 2 | 5/13/81 | 10982.61 | 1509.39 | 12492 | 335.34 | 20.97 | 10865.42 | 1493.28 | 92.36 | 12.69 | 105.05 | 0.14 | 210.79 | 20.23 | 0.51 | 0.29 | 124.55 | 13.49 | 111.06 | 33.12 |
| 1935 | 5-2846 | 52846 | 2 | 5/13/81 | 10982.61 | 1509.39 | 12492 | 335.34 | 20.97 | 10863.16 | 1492.97 | 94.05 | 12.93 | 106.98 | 0.14 | 209.87 | 20.22 | 0.52 | 0.29 | 125.47 | 13.74 | 111.73 | 33.32 |
| 1936 | 2-2424 | 22424 | 3 | 3/31/86 | 5422 | 1501 | 6923 | 333.48 | 20.86 | 5268 | 1458.37 | 88.82 | 24.59 | 113.41 | 0.82 | 115.21 | 18.66 | 2.5 | 0.5 | 218.27 | 27.59 | 190.68 | 57.18 |
| 1937 | 2-2781 | 22781 | 3 | 3/31/86 | 5414 | 1501 | 6915 | 333.48 | 20.86 | 5287.19 | 1465.85 | 83.03 | 23.02 | 106.05 | 0.51 | 145.71 | 18.98 | 1.93 | 0.58 | 187.77 | 25.53 | 162.24 | 48.65 |
| 1938 | 1-0205 | 10205 | 1 | 2/1/79 | 10484.19 | 1496.81 | 11981 | 332.55 | 20.8 | 10439.81 | 1490.47 | 40.7 | 5.81 | 46.51 | 0.01 | 279.08 | 20.5 | 0.1 | 0.2 | 53.47 | 6.11 | 47.36 | 14.24 |
| 1939 | 5-0279 | 50279 | 1 | 2/1/79 | 11243.19 | 1496.81 | 12740 | 332.55 | 20.8 | 11213.23 | 1492.82 | 28.15 | 3.75 | 31.9 | 0 | 291.96 | 20.63 | 0.04 | 0.12 | 40.59 | 3.91 | 36.68 | 11.03 |
| 1940 | 5-0365 | 50365 | 1 | 2/1/79 | 11243.19 | 1496.81 | 12740 | 332.55 | 20.8 | 11217.08 | 1493.33 | 24.7 | 3.29 | 27.99 | 0 | 296.68 | 20.65 | 0.03 | 0.11 | 35.87 | 3.43 | 32.44 | 9.75 |
| 1941 | 5-0375 | 50375 | 1 | 2/1/79 | 11305.19 | 1496.81 | 12802 | 332.55 | 20.8 | 11283.07 | 1493.88 | 21.1 | 2.79 | 23.89 | 0 | 301.54 | 20.68 | 0.03 | 0.09 | 31.01 | 2.91 | 28.1 | 8.45 |
| 1942 | 1-0342 | 10342 | 2 | 5/13/81 | 9971.19 | 1496.81 | 11468 | 332.55 | 20.8 | 9751.92 | 1463.9 | 143.24 | 21.5 | 164.74 | 0.79 | 140.8 | 19.22 | 1.62 | 0.39 | 191.75 | 23.51 | 168.24 | 50.59 |
| 1943 | 1-0811 | 10811 | 2 | 5/13/81 | 10196.19 | 1496.81 | 11693 | 332.55 | 20.8 | 10101.4 | 1482.9 | 77.99 | 11.45 | 89.44 | 0.08 | 226.98 | 20.14 | 0.4 | 0.3 | 105.57 | 12.15 | 93.42 | 28.09 |
| 1944 | 1-2731 | 12731 | 2 | 5/13/81 | 10342.19 | 1496.81 | 11839 | 332.55 | 20.8 | 10268.42 | 1486.13 | 63.21 | 9.15 | 72.36 | 0.04 | 247.11 | 20.3 | 0.25 | 0.27 | 85.44 | 9.67 | 75.77 | 22.78 |
| 1945 | 5-0928 | 50928 | 2 | 5/13/81 | 11305.19 | 1496.81 | 12802 | 332.55 | 20.8 | 11239.11 | 1488.06 | 57.04 | 7.55 | 64.59 | 0.03 | 250.06 | 20.43 | 0.17 | 0.2 | 82.49 | 7.92 | 74.57 | 22.42 |
| 1946 | 5-1954 | 51954 | 2 | 5/13/81 | 11243.19 | 1496.81 | 12740 | 332.55 | 20.8 | 11169.84 | 1487.05 | 62.26 | 8.29 | 70.55 | 0.04 | 241.61 | 20.39 | 0.21 | 0.2 | 90.94 | 8.7 | 82.24 | 24.73 |
| 1947 | 5-2181 | 52181 | 2 | 5/13/81 | 11243.19 | 1496.81 | 12740 | 332.55 | 20.8 | 11185.85 | 1489.18 | 50.46 | 6.72 | 57.18 | 0.02 | 258.79 | 20.49 | 0.14 | 0.18 | 73.76 | 7.04 | 66.72 | 20.06 |
| 1948 | 2-2263 | 22263 | 3 | 3/31/86 | 5438.19 | 1496.81 | 6935 | 332.55 | 20.8 | 5223.87 | 1437.82 | 104.49 | 28.76 | 133.25 | 1.73 | 79.58 | 17.82 | 3.79 | 0.53 | 252.97 | 33.08 | 219.89 | 66.12 |
| 1949 | 2-2815 | 22815 | 3 | 3/31/86 | 5438.19 | 1496.81 | 6935 | 332.55 | 20.8 | 5267.45 | 1449.82 | 97.04 | 26.71 | 123.75 | 0.99 | 111.53 | 18.35 | 2.81 | 0.52 | 221.02 | 30.04 | 190.98 | 57.43 |
| 1950 | 1-1593 | 11593 | 1 | 2/1/79 | 10282.38 | 1492.62 | 11775 | 331.61 | 20.74 | 10206.78 | 1481.64 | 65.76 | 9.55 | 75.31 | 0.05 | 250.13 | 20.19 | 0.26 | 0.31 | 81.48 | 10.12 | 71.36 | 21.52 |
| 1951 | 1-0143 | 10143 | 2 | 5/13/81 | 10347.38 | 1492.62 | 11840 | 331.61 | 20.74 | 10251.19 | 1478.74 | 79.14 | 11.42 | 90.56 | 0.08 | 226.35 | 20.09 | 0.39 | 0.3 | 105.26 | 12.11 | 93.15 | 28.09 |
| 1952 | 1-0649 | 10649 | 2 | 5/13/81 | 9995.38 | 1492.62 | 11488 | 331.61 | 20.74 | 9762.58 | 1457.85 | 148.37 | 22.16 | 170.53 | 0.92 | 131.88 | 19.09 | 1.77 | 0.4 | 199.73 | 24.33 | 175.4 | 52.89 |
| 1953 | 1-0711 | 10711 | 2 | 5/13/81 | 10383.38 | 1492.62 | 11876 | 331.61 | 20.74 | 10265.86 | 1475.72 | 92.1 | 13.24 | 105.34 | 0.15 | 204.85 | 19.97 | 0.55 | 0.3 | 126.76 | 14.09 | 112.67 | 33.98 |
| 1954 | 1-0931 | 10931 | 2 | 5/13/81 | 10203.38 | 1492.62 | 11696 | 331.61 | 20.74 | 10115.36 | 1479.74 | 73.53 | 10.76 | 84.29 | 0.07 | 233.57 | 20.13 | 0.35 | 0.29 | 98.04 | 11.4 | 86.64 | 26.13 |
| 1955 | 1-1952 | 11952 | 2 | 5/13/81 | 10153.38 | 1492.62 | 11646 | 331.61 | 20.74 | 10072.4 | 1480.71 | 68.3 | 10.04 | 78.34 | 0.05 | 238.5 | 20.18 | 0.3 | 0.28 | 93.11 | 10.62 | 82.49 | 24.88 |
| 1956 | 1-1043 | 11043 | 1 | 2/1/79 | 10290.58 | 1488.42 | 11779 | 330.68 | 20.68 | 10239.82 | 1481.08 | 45.73 | 6.61 | 52.34 | 0.02 | 267.76 | 20.35 | 0.13 | 0.21 | 62.92 | 6.95 | 55.97 | 16.93 |
| 1957 | 1-1949 | 11949 | 1 | 2/1/79 | 10302.58 | 1488.42 | 11791 | 330.68 | 20.68 | 10258.18 | 1482.01 | 40.65 | 5.87 | 46.52 | 0.01 | 276.47 | 20.38 | 0.1 | 0.2 | 54.21 | 6.17 | 48.04 | 14.53 |
| 1958 | 1-1985 | 11985 | 1 | 2/1/79 | 9853.58 | 1488.42 | 11342 | 330.68 | 20.68 | 9804.97 | 1481.08 | 43.79 | 6.61 | 50.4 | 0.01 | 267.76 | 20.35 | 0.13 | 0.21 | 62.92 | 6.95 | 55.97 | 16.93 |
| 1959 | 1-0951 | 10951 | 2 | 5/13/81 | 10331.58 | 1488.42 | 11820 | 330.68 | 20.68 | 10249.17 | 1476.55 | 69.5 | 10.01 | 79.51 | 0.05 | 237.83 | 20.12 | 0.3 | 0.27 | 92.85 | 10.58 | 82.27 | 24.88 |
| 1960 | 1-1694 | 11694 | 2 | 5/13/81 | 10631.58 | 1488.42 | 12120 | 330.68 | 20.68 | 10512.73 | 1471.79 | 93.32 | 13.06 | 106.38 | 0.14 | 205.72 | 19.92 | 0.53 | 0.29 | 124.96 | 13.88 | 111.08 | 33.59 |
| 1961 | 1-1649 | 11649 | 1 | 2/1/79 | 10160.77 | 1484.23 | 11645 | 329.75 | 20.62 | 10119.93 | 1478.27 | 37.61 | 5.49 | 43.1 | 0.01 | 279.16 | 20.34 | 0.09 | 0.19 | 50.59 | 5.77 | 44.82 | 13.59 |
| 1962 | 1-2143 | 12143 | 1 | 2/1/79 | 10280.77 | 1484.23 | 11765 | 329.75 | 20.62 | 10234.36 | 1477.53 | 42.25 | 6.1 | 48.35 | 0.01 | 272.7 | 20.31 | 0.11 | 0.2 | 57.05 | 6.41 | 50.64 | 15.36 |
| 1963 | 1-2284 | 12284 | 2 | 5/13/81 | 10380.77 | 1484.23 | 11865 | 329.75 | 20.62 | 10304.71 | 1473.36 | 65.09 | 9.31 | 74.4 | 0.04 | 243.57 | 20.12 | 0.26 | 0.26 | 86.18 | 9.83 | 76.35 | 23.15 |
| 1964 | 1-0215 | 10215 | 1 | 2/1/79 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10288.96 | 1476.31 | 24.7 | 3.54 | 28.24 | 0 | 295.93 | 20.39 | 0.04 | 0.14 | 32.89 | 3.72 | 29.17 | 8.87 |
| 1965 | 1-0891 | 10891 | 1 | 2/1/79 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10270.51 | 1473.66 | 40.7 | 5.84 | 46.54 | 0.01 | 274.92 | 20.27 | 0.1 | 0.2 | 53.9 | 6.14 | 47.76 | 14.52 |
| 1966 | 1-1923 | 11923 | 1 | 2/1/79 | 10055.96 | 1480.04 | 11536 | 328.82 | 20.57 | 9941.17 | 1463.14 | 92.49 | 13.61 | 106.1 | 0.16 | 211.38 | 19.73 | 0.56 | 0.36 | 117.44 | 14.53 | 102.91 | 31.30 |
| 1967 | 1-2080 | 12080 | 1 | 2/1/79 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10288.65 | 1476.26 | 24.94 | 3.58 | 28.52 | 0 | 294.77 | 20.39 | 0.04 | 0.13 | 34.05 | 3.75 | 30.3 | 9.21 |
| 1968 | 1-2119 | 12119 | 1 | 2/1/79 | 10311.96 | 1480.04 | 11792 | 328.82 | 20.57 | 10261.08 | 1472.74 | 45.85 | 6.58 | 52.43 | 0.02 | 266.47 | 20.23 | 0.13 | 0.21 | 62.35 | 6.92 | 55.43 | 16.86 |
| 1969 | 1-2352 | 12352 | 1 | 2/1/79 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10263.91 | 1472.71 | 46.11 | 6.62 | 52.73 | 0.02 | 267.49 | 20.22 | 0.13 | 0.22 | 61.33 | 6.97 | 54.36 | 16.53 |
| 1970 | 1-2665 | 12665 | 1 | 2/1/79 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10279.76 | 1474.99 | 32.81 | 4.71 | 37.52 | 0.01 | 284.88 | 20.33 | 0.07 | 0.17 | 43.94 | 4.95 | 38.99 | 11.86 |
| 1971 | 1-2758 | 12758 | 1 | 2/1/79 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10279.76 | 1474.99 | 32.81 | 4.71 | 37.52 | 0.01 | 284.88 | 20.33 | 0.07 | 0.17 | 43.94 | 4.95 | 38.99 | 11.86 |
| 1972 | 1-0169 | 10169 | 2 | 5/13/81 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10213.64 | 1465.5 | 82.21 | 11.8 | 94.01 | 0.1 | 218.5 | 19.89 | 0.42 | 0.29 | 110.32 | 12.51 | 97.81 | 29.75 |
| 1973 | 1-0542 | 10542 | 2 | 5/13/81 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10219.15 | 1466.29 | 78.85 | 11.31 | 90.16 | 0.08 | 225.04 | 19.91 | 0.38 | 0.29 | 103.78 | 11.98 | 91.8 | 27.92 |
| 1974 | 1-0612 | 10612 | 2 | 5/13/81 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10222.36 | 1466.75 | 76.64 | 11 | 87.64 | 0.07 | 228.1 | 19.93 | 0.36 | 0.29 | 100.72 | 11.65 | 89.07 | 27.09 |
| 1975 | 1-1030 | 11030 | 2 | 5/13/81 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10219.15 | 1466.29 | 78.85 | 11.31 | 90.16 | 0.08 | 225.04 | 19.91 | 0.38 | 0.29 | 103.78 | 11.98 | 91.8 | 27.92 |
| 1976 | 1-1361 | 11361 | 2 | 5/13/81 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10239.39 | 1469.2 | 64.68 | 9.28 | 73.96 | 0.04 | 242.88 | 20.06 | 0.25 | 0.26 | 85.94 | 9.79 | 76.15 | 23.16 |
| 1977 | 1-2458 | 12458 | 2 | 5/13/81 | 10314.96 | 1480.04 | 11795 | 328.82 | 20.57 | 10241.67 | 1469.52 | 62.82 | 9.01 | 71.83 | 0.04 | 244.3 | 20.07 | 0.24 | 0.26 | 84.52 | 9.51 | 75.01 | 22.81 |
| 1978 | 2-1707 | 21707 | 3 | 3/31/86 | 5449.96 | 1480.04 | 6930 | 328.82 | 20.57 | 5326.88 | 1446.62 | 80.49 | 21.86 | 102.35 | 0.45 | 147.36 | 18.78 | 1.76 | 0.52 | 181.46 | 24.14 | 157.32 | 47.84 |
| 1979 | 2-4532 | 24532 | 8 | 9/30/94 | 4985.73 | 0 | 4985.73 | 328.68 | 20.73 | 3615.63 | 1214.88 | 66.8 | 22.45 | 89.25 | 0.67 | 113.82 | 18.42 | 2.39 | 0.41 | 214.86 | 25.25 | 189.61 | 57.69 |
| 1980 | 2-5426 | 25426 | 8 | 9/30/94 | 4985.73 | 0 | 4985.73 | 328.68 | 20.73 | 3598.79 | 1209.22 | 70.14 | 23.57 | 93.71 | 0.9 | 94.67 | 18.14 | 2.86 | 0.42 | 234.01 | 26.85 | 207.16 | 63.03 |
| 1981 | 1-0456 | 10456 | 2 | 5/13/81 | 10172.15 | 1475.85 | 11648 | 327.89 | 20.51 | 10064.94 | 1460.29 | 85.51 | 12.41 | 97.92 | 0.12 | 211.05 | 19.79 | 0.47 | 0.29 | 116.84 | 13.17 | 103.67 | 31.62 |
| 1982 | 2-0673 | 20673 | 3 | 3/31/86 | 5454.15 | 1475.85 | 6930 | 327.89 | 20.51 | 5280.93 | 1428.97 | 100.52 | 27.2 | 127.72 | 1.06 | 109.34 | 18.06 | 2.92 | 0.59 | 218.55 | 30.71 | 187.84 | 57.29 |
| 1983 | 1-1677 | 11677 | 1 | 2/1/79 | 10536.35 | 1471.65 | 12008 | 326.96 | 20.45 | 10420 | 1455.4 | 93.68 | 13.08 | 106.76 | 0.15 | 209.69 | 19.67 | 0.52 | 0.33 | 117.27 | 13.93 | 103.34 | 31.61 |
| 1984 | 1-1097 | 11903 | 1 | 2/1/79 | 10536.35 | 1471.65 | 12008 | 326.96 | 20.45 | 10417.89 | 1455.11 | 95.16 | 13.29 | 108.45 | 0.16 | 208.95 | 19.65 | 0.54 | 0.34 | 118.01 | 14.17 | 103.84 | 31.76 |
| 1985 | 1-2309 | 12309 | 1 | 2/1/79 | 10179.35 | 1471.65 | 11651 | 326.96 | 20.45 | 10054.71 | 1453.64 | 98.5 | 14.24 | 112.74 | 0.2 | 201.76 | 19.57 | 0.62 | 0.35 | 125.2 | 15.21 | 109.99 | 33.64 |
| 1986 | 1-1717 | 11717 | 2 | 5/13/81 | 10163.35 | 1471.65 | 11635 | 326.96 | 20.45 | 10043.51 | 1454.3 | 94.35 | 13.66 | 108.01 | 0.16 | 205.46 | 19.61 | 0.58 | 0.34 | 121.5 | 14.58 | 106.92 | 32.70 |
| 1987 | 1-1357 | 11357 | 2 | 5/13/81 | 10392.54 | 1467.46 | 11860 | 326.03 | 20.39 | 10274.92 | 1450.85 | 92.19 | 13.02 | 105.21 | 0.15 | 201.4 | 19.63 | 0.54 | 0.29 | 124.63 | 13.85 | 110.78 | 33.98 |
| 1988 | 2-1580 | 21580 | 8 | 9/30/94 | 5056.38 | 0 | 5056.38 | 326.00 | 20.56 | 3732.28 | 1217.5 | 57.1 | 18.63 | 75.73 | 0.25 | 171.43 | 18.9 | 1.3 | 0.48 | 154.57 | 20.41 | 134.16 | 41.15 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1989 | 1-2783 | 12783 | 2 | 5/13/81 | 10162.73 | 1463.27 | 11626 | 325.09 | 20.33 | 10062.9 | 1448.89 | 80.99 | 11.66 | 92.65 | 0.1 | 216.03 | 19.66 | 0.42 | 0.29 | 109.06 | 12.37 | 96.69 | 29.74 |
| 1990 | 1-0411 | 10411 | 1 | 2/1/79 | 9912.92 | 1459.08 | 11372 | 324.16 | 20.27 | 9835.63 | 1447.7 | 66.5 | 9.79 | 76.29 | 0.05 | 238.77 | 19.72 | 0.28 | 0.3 | 85.39 | 10.37 | 75.02 | 23.14 |
| 1991 | 1-0551 | 10551 | 1 | 2/1/79 | 9878.92 | 1459.08 | 11338 | 324.16 | 20.27 | 9786.64 | 1445.44 | 77.29 | 11.41 | 88.7 | 0.09 | 226.04 | 19.6 | 0.39 | 0.33 | 98.12 | 12.13 | 85.99 | 26.53 |
| 1992 | 1-0904 | 10904 | 1 | 2/1/79 | 9912.92 | 1459.08 | 11372 | 324.16 | 20.27 | 9840.03 | 1448.35 | 63.4 | 9.33 | 72.73 | 0.04 | 244.51 | 19.73 | 0.26 | 0.3 | 79.65 | 9.89 | 69.76 | 21.52 |
| 1993 | 1-1108 | 11108 | 1 | 2/1/79 | 9617.92 | 1459.08 | 11077 | 324.16 | 20.27 | 9536.97 | 1446.79 | 69.19 | 10.5 | 79.69 | 0.06 | 235.96 | 19.66 | 0.32 | 0.32 | 88.2 | 11.14 | 77.06 | 23.77 |
| 1994 | 1-2179 | 12179 | 1 | 2/1/79 | 9961.92 | 1459.08 | 11421 | 324.16 | 20.27 | 9884.25 | 1447.7 | 66.83 | 9.79 | 76.62 | 0.05 | 238.77 | 19.72 | 0.28 | 0.3 | 85.39 | 10.37 | 75.02 | 23.14 |
| 1995 | 2-1120 | 21120 | 3 | 3/31/86 | 5407.92 | 1459.08 | 6867 | 324.16 | 20.27 | 5228.22 | 1410.59 | 97.86 | 26.4 | 124.26 | 1.12 | 99.74 | 17.82 | 2.86 | 0.46 | 224.42 | 29.72 | 194.7 | 60.06 |
| 1996 | 2-1519 | 21519 | 3 | 3/31/86 | 5407.92 | 1459.08 | 6867 | 324.16 | 20.27 | 5175.11 | 1396.26 | 105.4 | 28.44 | 133.84 | 2.07 | 65.25 | 17.22 | 3.95 | 0.49 | 258.91 | 32.88 | 226.03 | 69.73 |
| 1997 | 2-5178 | 25178 | 3 | 3/31/86 | 5407.92 | 1459.08 | 6867 | 324.16 | 20.27 | 5228.75 | 1410.73 | 101 | 27.25 | 128.25 | 1.15 | 101.83 | 17.81 | 2.97 | 0.54 | 222.33 | 30.76 | 191.57 | 59.10 |
| 1998 | 2-4001 | 24001 | 7 | 9/30/94 | 4827 | 0 | 4827 | 324.00 | 0 | 3579.12 | 1118.28 | 61.55 | 19.23 | 80.78 | 0.41 | 123.1 | 17.17 | 1.73 | 0.36 | 200.9 | 21.32 | 179.58 | 55.43 |
| 1999 | 2-4107 | 24107 | 7 | 9/30/94 | 4827 | 0 | 4827 | 324.00 | 0 | 3501.77 | 1094.11 | 74.14 | 23.17 | 97.31 | 1.62 | 51.84 | 16 | 3.68 | 0.41 | 272.16 | 27.26 | 244.90 | 75.59 |
| 2000 | 2-4512 | 24512 | 7 | 9/30/94 | 4827 | 0 | 4827 | 324.00 | 0 | 3559.2 | 1112.04 | 68.2 | 21.31 | 89.51 | 0.64 | 103.01 | 16.82 | 2.29 | 0.39 | 220.99 | 23.99 | 197.00 | 60.80 |
| 2001 | 2-5702 | 25702 | 7 | 9/30/94 | 4827 | 0 | 4827 | 324.00 | 0 | 3529.24 | 1102.67 | 71.1 | 22.22 | 93.32 | 1.12 | 71.11 | 16.39 | 3.02 | 0.38 | 252.89 | 25.62 | 227.27 | 70.15 |
| 2002 | 2-5708 | 25708 | 7 | 9/30/94 | 4827 | 0 | 4827 | 324.00 | 0 | 3550.26 | 1109.27 | 66.96 | 20.92 | 87.88 | 0.79 | 86.81 | 16.73 | 2.48 | 0.36 | 237.19 | 23.76 | 213.43 | 65.87 |
| 2003 | 2-5786 | 25786 | 7 | 9/30/94 | 4827 | 0 | 4827 | 324.00 | 0 | 3533.12 | 1103.91 | 69.6 | 21.75 | 91.35 | 1.06 | 70.89 | 16.5 | 2.89 | 0.36 | 253.11 | 25 | 228.11 | 70.40 |
| 2004 | 1-2642 | 12642 | 1 | 2/1/79 | 10162.12 | 1454.88 | 11617 | 323.23 | 20.22 | 10127.44 | 1449.92 | 32.32 | 4.63 | 36.95 | 0.01 | 280.04 | 19.98 | 0.07 | 0.17 | 43.19 | 4.87 | 38.32 | 11.86 |
| 2005 | 1-1015 | 11015 | 2 | 5/13/81 | 10119.12 | 1454.88 | 11574 | 323.23 | 20.22 | 9896.59 | 1422.89 | 145.37 | 20.9 | 166.27 | 0.8 | 136.86 | 18.68 | 1.57 | 0.38 | 186.37 | 22.85 | 163.52 | 50.59 |
| 2006 | 1-1136 | 11136 | 1 | 2/1/79 | 10211.31 | 1450.69 | 11662 | 322.30 | 20.16 | 10113.67 | 1436.82 | 81.4 | 11.56 | 92.96 | 0.1 | 222.39 | 19.47 | 0.4 | 0.33 | 99.91 | 12.29 | 87.62 | 27.19 |
| 2007 | 1-1869 | 11869 | 2 | 5/13/81 | 10288.31 | 1450.69 | 11739 | 322.30 | 20.16 | 10173.3 | 1434.47 | 90.3 | 12.73 | 103.03 | 0.14 | 200.51 | 19.41 | 0.52 | 0.29 | 121.79 | 13.54 | 108.25 | 33.59 |
| 2008 | 2-5399 | 25399 | 9 | 9/30/94 | 4284.88 | 1221.5 | 5506.38 | 320.17 | 19.6 | 4248.64 | 1211.17 | 30.27 | 8.63 | 38.9 | 0.03 | 227.18 | 19.07 | 0.3 | 0.24 | 92.99 | 9.17 | 83.82 | 26.18 |
| 2009 | 2-5773 | 25773 | 9 | 9/30/94 | 4284.88 | 1221.5 | 5506.38 | 320.17 | 19.6 | 4237.9 | 1208.11 | 37.23 | 10.61 | 47.84 | 0.06 | 204.94 | 18.92 | 0.46 | 0.26 | 115.23 | 11.33 | 103.9 | 32.45 |
| 2010 | 1-1032 | 11032 | 1 | 2/1/79 | 10102.89 | 1438.11 | 11541 | 319.50 | 19.98 | 10052.89 | 1430.99 | 45.16 | 6.43 | 51.59 | 0.02 | 259.91 | 19.65 | 0.13 | 0.21 | 59.59 | 6.77 | 52.82 | 16.53 |
| 2011 | 1-0553 | 10553 | 2 | 5/13/81 | 10535.08 | 1433.92 | 11969 | 318.57 | 19.92 | 10440.51 | 1421.05 | 78.27 | 10.65 | 88.92 | 0.08 | 220.99 | 19.31 | 0.35 | 0.28 | 97.58 | 11.28 | 86.3 | 27.09 |
| 2012 | 1-1929 | 11929 | 5 | 9/30/94 | 10699.66 | 1421.34 | 12121 | 315.78 | 19.75 | 10374.45 | 1378.15 | 170.78 | 22.69 | 193.47 | 1.73 | 85.06 | 17.83 | 2.34 | 0.32 | 230.72 | 25.35 | 205.37 | 65.04 |
| 2013 | 1-2036 | 12036 | 5 | 9/30/94 | 10699.66 | 1421.34 | 12121 | 315.78 | 19.75 | 10372.24 | 1377.87 | 173.27 | 23.02 | 196.29 | 1.75 | 85.72 | 17.8 | 2.4 | 0.34 | 230.06 | 25.76 | 204.3 | 64.70 |
| 2014 | 1-2442 | 12442 | 5 | 9/30/94 | 10699.66 | 1421.34 | 12121 | 315.78 | 19.75 | 10376.77 | 1378.46 | 169.38 | 22.5 | 191.88 | 1.71 | 84.98 | 17.86 | 2.3 | 0.32 | 230.8 | 25.12 | 205.68 | 65.13 |
| 2015 | 1-2489 | 12489 | 5 | 9/30/94 | 10699.66 | 1421.34 | 12121 | 315.78 | 19.75 | 10373.41 | 1378.01 | 174.2 | 23.14 | 197.34 | 1.75 | 86.46 | 17.8 | 2.41 | 0.35 | 229.32 | 25.9 | 203.42 | 64.42 |
| 2016 | 1-2762 | 12762 | 5 | 9/30/94 | 10699.66 | 1421.34 | 12121 | 315.78 | 19.75 | 10375.15 | 1378.23 | 172.51 | 22.92 | 195.43 | 1.74 | 86.09 | 17.83 | 2.37 | 0.34 | 229.69 | 25.63 | 204.06 | 64.62 |
| 2017 | 1-2828 | 12828 | 5 | 9/30/94 | 10699.66 | 1421.34 | 12121 | 315.78 | 19.75 | 10376.67 | 1378.44 | 169.3 | 22.49 | 191.79 | 1.71 | 85 | 17.86 | 2.3 | 0.32 | 230.78 | 25.11 | 205.67 | 65.13 |
| 2018 | 7-6067 | 76067 | 9 | 9/30/94 | 2587.44 | 1188.36 | 3775.8 | 311.49 | 19.07 | 2568.37 | 1179.59 | 16.69 | 7.67 | 24.36 | 0.01 | 243.6 | 18.57 | 0.22 | 0.28 | 67.89 | 8.17 | 59.72 | 19.17 |
| 2019 | 3-4018 | 34018 | 9 | 9/30/94 | 2657.12 | 1183.78 | 3840.9 | 310.28 | 19 | 2639.68 | 1176.01 | 15.5 | 6.91 | 22.41 | 0.01 | 249.93 | 18.56 | 0.18 | 0.26 | 60.35 | 7.35 | 53 | 17.08 |
| 2020 | 2-1888 | 21888 | 4 | 9/30/94 | 4159.82 | 1396.18 | 5556 | 310.19 | 19.4 | 3972.11 | 1333.18 | 83.51 | 28.03 | 111.54 | 1.58 | 61.9 | 16.49 | 3.68 | 0.43 | 248.29 | 32.14 | 216.15 | 69.68 |
| 2021 | 2-1840 | 21840 | 6 | 9/30/94 | 4229.78 | 1375.22 | 5605 | 305.53 | 19.11 | 4041.04 | 1313.86 | 84.74 | 27.55 | 112.29 | 1.57 | 62.17 | 16.27 | 3.59 | 0.42 | 243.36 | 31.56 | 211.8 | 69.32 |
| 2022 | 2-2743 | 22743 | 5 | 9/30/94 | 4279.97 | 1371.03 | 5651 | 304.60 | 19.05 | 4095.35 | 1311.88 | 87.72 | 28.1 | 115.82 | 1.46 | 67.58 | 16.28 | 3.55 | 0.44 | 237.02 | 32.09 | 204.93 | 67.28 |
| 2023 | 2-0942 | 20942 | 6 | 9/30/94 | 4279.97 | 1371.03 | 5651 | 304.60 | 19.05 | 4119.11 | 1319.5 | 84.56 | 27.09 | 111.65 | 1.1 | 85.22 | 16.59 | 2.96 | 0.45 | 219.38 | 30.5 | 188.88 | 62.01 |
| 2024 | 2-1449 | 21449 | 5 | 9/30/94 | 4196.16 | 1366.84 | 5563 | 303.67 | 18.99 | 4000 | 1302.94 | 84.14 | 27.41 | 111.55 | 1.71 | 55.86 | 16.06 | 3.74 | 0.43 | 247.81 | 31.58 | 216.23 | 71.21 |
| 2025 | 2-2152 | 22152 | 4 | 9/30/94 | 4258.55 | 1358.45 | 5617 | 301.81 | 18.88 | 4124.97 | 1315.85 | 77.19 | 24.62 | 101.81 | 0.72 | 103.52 | 16.84 | 2.28 | 0.42 | 198.29 | 27.32 | 170.97 | 56.65 |
| 2026 | 2-4469 | 24469 | 8 | 9/30/94 | 4765.63 | 0 | 4765.63 | 298.27 | 18.8 | 3534.44 | 1108.64 | 58.7 | 18.41 | 77.11 | 0.4 | 124.82 | 17.08 | 1.61 | 0.35 | 173.45 | 20.37 | 153.08 | 51.32 |
| 2027 | 2-4509 | 24509 | 8 | 9/30/94 | 4739.43 | 0 | 4739.43 | 298.12 | 18.8 | 3495.4 | 1103.7 | 62.16 | 19.63 | 81.79 | 0.55 | 106.8 | 16.85 | 1.97 | 0.35 | 191.32 | 21.95 | 169.37 | 56.81 |
| 2028 | 6-5721 | 65721 | 8 | 9/30/94 | 5462.1 | 0 | 5462.1 | 298.10 | 18.8 | 4244.32 | 1116.08 | 52.92 | 13.91 | 66.83 | 0.23 | 133.44 | 17.65 | 0.99 | 0.24 | 164.66 | 15.14 | 149.52 | 50.16 |
| 2029 | 6-4101 | 64101 | 8 | 9/30/94 | 5462.1 | 0 | 5462.1 | 298.09 | 18.8 | 4221.85 | 1110.16 | 60.65 | 15.95 | 76.6 | 0.43 | 106.02 | 17.37 | 1.43 | 0.26 | 192.07 | 17.64 | 174.43 | 58.52 |
| 2030 | 2-2233 | 22233 | 4 | 9/30/94 | 4249.32 | 1341.68 | 5591 | 298.08 | 18.64 | 4088.22 | 1290.82 | 84.85 | 26.79 | 111.64 | 1.1 | 83.59 | 16.21 | 2.93 | 0.45 | 214.49 | 30.17 | 184.32 | 61.84 |
| 2031 | 2-4584 | 24584 | 8 | 9/30/94 | 4751.83 | 0 | 4751.83 | 297.99 | 18.79 | 3546.18 | 1115.23 | 50.38 | 15.84 | 66.22 | 0.18 | 165.38 | 17.44 | 1 | 0.41 | 132.61 | 17.25 | 115.36 | 38.71 |
| 2032 | 2-1028 | 21028 | 3 | 3/31/86 | 4989.51 | 1337.49 | 6327 | 297.15 | 18.58 | 4852.56 | 1300.77 | 80.14 | 21.48 | 101.62 | 0.66 | 105.88 | 16.83 | 1.91 | 0.36 | 191.27 | 23.75 | 167.52 | 56.38 |
| 2033 | 2-0461 | 20461 | 4 | 9/30/94 | 4251.51 | 1337.49 | 5589 | 297.15 | 18.58 | 4100.44 | 1289.98 | 77.85 | 24.49 | 102.34 | 0.94 | 82.3 | 16.38 | 2.6 | 0.36 | 214.85 | 27.45 | 187.4 | 63.07 |
| 2034 | 2-1726 | 21726 | 3 | 3/31/86 | 4847.48 | 1316.52 | 6164 | 292.49 | 18.29 | 4707.8 | 1278.59 | 79.61 | 21.62 | 101.23 | 0.71 | 97.78 | 16.5 | 2.02 | 0.36 | 194.71 | 24 | 170.71 | 58.36 |
| 2035 | 2-0642 | 20642 | 3 | 3/31/86 | 4812.06 | 1303.94 | 6116 | 289.70 | 18.12 | 4705.45 | 1275.06 | 68.54 | 18.57 | 87.11 | 0.36 | 124.73 | 16.75 | 1.35 | 0.33 | 164.97 | 20.25 | 144.72 | 49.96 |
| 2036 | 2-2836 | 22836 | 3 | 3/31/86 | 4812.06 | 1303.94 | 6116 | 289.70 | 18.12 | 4705.54 | 1275.08 | 68.6 | 18.59 | 87.19 | 0.37 | 125.72 | 16.75 | 1.34 | 0.32 | 163.98 | 20.25 | 143.73 | 49.61 |
| 2037 | 3-5086 | 35086 | 8 | 9/30/94 | 3840.9 | 0 | 3840.9 | 289.68 | 18.27 | 2693.89 | 1088.24 | 30.84 | 12.46 | 43.3 | 0.08 | 167.23 | 17.24 | 0.7 | 0.3 | 122.45 | 13.46 | 108.99 | 37.62 |
| 2038 | 3-5670 | 35670 | 8 | 9/30/94 | 3840.9 | 0 | 3840.9 | 289.68 | 18.27 | 2696.54 | 1089.3 | 29.47 | 11.9 | 41.37 | 0.07 | 173.48 | 17.3 | 0.63 | 0.3 | 116.2 | 12.83 | 103.37 | 35.68 |
| 2039 | 3-2411 | 32411 | 7 | 9/30/94 | 3566 | 0 | 3566 | 289.00 | 0 | 2490.12 | 1005.88 | 34.13 | 13.79 | 47.92 | 0.14 | 131.71 | 15.76 | 0.97 | 0.28 | 157.29 | 15.04 | 142.25 | 49.22 |
| 2040 | 2-1909 | 21909 | 5 | 9/30/94 | 4367.25 | 1299.75 | 5667 | 288.76 | 18.06 | 4215.75 | 1254.66 | 81.22 | 24.17 | 105.39 | 0.9 | 84.92 | 15.94 | 2.5 | 0.36 | 203.84 | 27.03 | 176.81 | 61.23 |
| 2041 | 2-2429 | 22429 | 5 | 9/30/94 | 4367.25 | 1299.75 | 5667 | 288.76 | 18.06 | 4197.46 | 1249.22 | 81.93 | 24.38 | 106.31 | 1.2 | 68.67 | 15.74 | 2.86 | 0.36 | 220.09 | 27.6 | 192.49 | 66.66 |
| 2042 | 2-1391 | 21391 | 6 | 9/30/94 | 4350.25 | 1299.75 | 5650 | 288.76 | 18.06 | 4196.87 | 1253.93 | 79.56 | 23.77 | 103.33 | 0.95 | 80.99 | 15.93 | 2.51 | 0.35 | 207.77 | 26.63 | 181.14 | 62.73 |
| 2043 | 2-2025 | 22025 | 6 | 9/30/94 | 4367.25 | 1299.75 | 5667 | 288.76 | 18.06 | 4231.75 | 1259.44 | 78.26 | 23.29 | 101.55 | 0.72 | 98.96 | 16.14 | 2.15 | 0.39 | 189.8 | 25.83 | 163.97 | 56.78 |
| 2044 | 2-0217 | 20217 | 5 | 9/30/94 | 4023.72 | 1224.28 | 5248 | 272.00 | 17.01 | 3794.08 | 1154.4 | 80.77 | 24.57 | 105.34 | 2.43 | 29.22 | 13.99 | 3.99 | 0.41 | 242.78 | 28.97 | 213.81 | 78.61 |
| 2045 | 2-1226 | 21226 | 5 | 9/30/94 | 4023.72 | 1224.28 | 5248 | 272.00 | 17.01 | 3840.14 | 1168.41 | 76.89 | 23.39 | 100.28 | 1.55 | 45.49 | 14.58 | 3.13 | 0.34 | 226.51 | 26.86 | 199.65 | 73.40 |
| 2046 | 2-1774 | 21774 | 6 | 9/30/94 | 4023.72 | 1224.28 | 5248 | 272.00 | 17.01 | 3794.11 | 1154.44 | 80.88 | 24.61 | 105.49 | 2.43 | 29.25 | 13.99 | 3.99 | 0.41 | 242.75 | 29.01 | 213.74 | 78.58 |
| 2047 | 2-2694 | 22694 | 6 | 9/30/94 | 4023.72 | 1224.28 | 5248 | 272.00 | 17.01 | 3840.46 | 1168.51 | 76.99 | 23.42 | 100.41 | 1.54 | 45.68 | 14.58 | 3.13 | 0.34 | 226.32 | 26.89 | 199.43 | 73.32 |
| 2048 | 2-2452 | 22452 | 4 | 9/30/94 | 3995.49 | 1207.51 | 5203 | 268.27 | 16.78 | 3812.68 | 1152.26 | 76.54 | 23.13 | 99.67 | 1.54 | 44.64 | 14.37 | 3.09 | 0.34 | 223.63 | 26.56 | 197.07 | 73.46 |
| 2049 | 3-1860 | 31860 | 7 | 9/30/94 | 2582.11 | 1022.02 | 3604.13 | 268.06 | 16.81 | 2531.28 | 1001.9 | 34.61 | 13.7 | 48.31 | 0.15 | 130.26 | 15.69 | 0.98 | 0.29 | 137.8 | 14.97 | 122.83 | 45.82 |
| 2050 | 2-2162 | 22162 | 4 | 9/30/94 | 4049.07 | 1194.93 | 5244 | 265.48 | 16.6 | 3816.9 | 1126.44 | 81.56 | 24.07 | 105.63 | 2.46 | 28.24 | 13.65 | 3.91 | 0.4 | 237.24 | 28.38 | 208.86 | 78.67 |
| 2051 | 3-1980 | 31980 | 4 | 9/30/94 | 2970.07 | 1194.93 | 4165 | 265.48 | 16.6 | 2904.51 | 1168.55 | 41.55 | 16.72 | 58.27 | 0.23 | 111.22 | 15.4 | 1.19 | 0.26 | 154.26 | 18.17 | 136.09 | 51.26 |
| 2052 | 3-1922 | 31922 | 5 | 9/30/94 | 2937.22 | 1169.78 | 4107 | 259.89 | 16.25 | 2875.57 | 1145.23 | 40.16 | 15.99 | 56.15 | 0.19 | 115.12 | 15.13 | 1.08 | 0.26 | 144.77 | 17.33 | 127.44 | 49.04 |
| 2053 | 3-0774 | 30774 | 6 | 9/30/94 | 2991.42 | 1165.58 | 4157 | 258.96 | 16.2 | 2925.52 | 1139.89 | 41.93 | 16.34 | 58.27 | 0.23 | 109.35 | 15.02 | 1.16 | 0.26 | 149.61 | 17.76 | 131.85 | 50.92 |
| 2054 | 315033 | 315033 | 9 | 9/30/94 | 2660.64 | 984.96 | 3645.6 | 258.17 | 15.81 | 2639.91 | 977.29 | 17.99 | 6.66 | 24.65 | 0.01 | 198.66 | 15.37 | 0.2 | 0.24 | 59.51 | 7.1 | 52.41 | 20.30 |
| 2055 | 315085 | 315085 | 9 | 9/30/94 | 2660.64 | 984.96 | 3645.6 | 258.17 | 15.81 | 2637.76 | 976.5 | 19.52 | 7.23 | 26.75 | 0.02 | 192.83 | 15.33 | 0.24 | 0.24 | 65.34 | 7.71 | 57.63 | 22.32 |
| 2056 | 2-0962 | 20962 | 2 | 5/13/81 | 6233.8 | 1157.2 | 7391 | 257.09 | 16.08 | 6156.05 | 1142.76 | 61.39 | 11.4 | 72.79 | 0.12 | 159.65 | 15.32 | 0.56 | 0.36 | 97.44 | 12.32 | 85.12 | 33.11 |
| 2057 | 3-1794 | 31794 | 6 | 9/30/94 | 2958.8 | 1157.2 | 4116 | 257.09 | 16.08 | 2894.32 | 1132 | 41.17 | 16.1 | 57.27 | 0.22 | 109.38 | 14.93 | 1.13 | 0.26 | 147.71 | 17.49 | 130.22 | 50.65 |
| 2058 | 315163 | 315163 | 9 | 9/30/94 | 2708.97 | 975.69 | 3684.66 | 255.74 | 15.66 | 2688.97 | 968.48 | 17.55 | 6.32 | 23.87 | 0.01 | 200.37 | 15.25 | 0.18 | 0.23 | 55.37 | 6.73 | 48.64 | 19.02 |
| 2059 | 2-2350 | 22350 | 2 | 5/13/81 | 5972.19 | 1148.81 | 7121 | 255.23 | 15.96 | 5895.25 | 1134.01 | 58.46 | 11.25 | 69.71 | 0.13 | 149.72 | 15.23 | 0.56 | 0.3 | 105.51 | 12.11 | 93.4 | 36.59 |

| Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2060 2-1260 | 21260 | 5 | 9/30/94 | 6450.19 | 1148.81 | 7599 | 255.23 | 15.96 | 6324.75 | 1126.47 | 88.25 | 15.72 | 103.97 | 0.32 | 130.62 | 14.74 | 1.09 | 0.43 | 124.61 | 17.24 | 107.37 | 42.07 |
| 2061 2-1982 | 21982 | 5 | 9/30/94 | 6212.19 | 1148.81 | 7361 | 255.23 | 15.96 | 6025.76 | 1114.35 | 110.82 | 20.49 | 131.31 | 0.92 | 92.22 | 14.14 | 2.05 | 0.45 | 163.01 | 22.99 | 140.02 | 54.86 |
| 2062 2-0095 | 20095 | 1 | 2/1/79 | 6020.38 | 1144.62 | 7165 | 254.30 | 15.9 | 5957.61 | 1132.69 | 51.17 | 9.73 | 60.9 | 0.08 | 168.93 | 15.3 | 0.38 | 0.27 | 85.37 | 10.38 | 74.99 | 29.49 |
| 2063 2-0211 | 20211 | 1 | 2/1/79 | 6020.38 | 1144.62 | 7165 | 254.30 | 15.9 | 5992.88 | 1139.39 | 25.24 | 4.8 | 30.04 | 0.01 | 215.39 | 15.63 | 0.09 | 0.19 | 38.91 | 5.08 | 33.83 | 13.30 |
| 2064 2-0286 | 20286 | 1 | 2/1/79 | 6020.38 | 1144.62 | 7165 | 254.30 | 15.9 | 5945.06 | 1130.3 | 58.99 | 11.22 | 70.21 | 0.13 | 155.35 | 15.19 | 0.52 | 0.29 | 98.95 | 12.03 | 86.92 | 34.18 |
| 2065 2-0688 | 20688 | 1 | 2/1/79 | 6020.38 | 1144.62 | 7165 | 254.30 | 15.9 | 6001.66 | 1141.06 | 17.7 | 3.36 | 21.06 | 0 | 227.51 | 15.71 | 0.05 | 0.16 | 26.79 | 3.57 | 23.22 | 9.13 |
| 2066 2-2102 | 22102 | 1 | 2/1/79 | 6020.38 | 1144.62 | 7165 | 254.30 | 15.9 | 5975.64 | 1136.11 | 38.46 | 7.31 | 45.77 | 0.03 | 187.95 | 15.49 | 0.21 | 0.23 | 66.35 | 7.75 | 58.6 | 23.04 |
| 2067 2-2260 | 22260 | 1 | 2/1/79 | 6020.38 | 1144.62 | 7165 | 254.30 | 15.9 | 5957.18 | 1132.6 | 51.56 | 9.8 | 61.36 | 0.08 | 168.94 | 15.29 | 0.39 | 0.29 | 85.36 | 10.48 | 74.88 | 29.45 |
| 2068 2-2548 | 22548 | 1 | 2/1/79 | 6020.38 | 1144.62 | 7165 | 254.30 | 15.9 | 5946.46 | 1130.57 | 58.33 | 11.09 | 69.42 | 0.12 | 157.64 | 15.18 | 0.51 | 0.31 | 96.66 | 11.91 | 84.75 | 33.33 |
| 2069 2-2683 | 22683 | 1 | 2/1/79 | 6020.38 | 1144.62 | 7165 | 254.30 | 15.9 | 5947.33 | 1130.73 | 57.5 | 10.93 | 68.43 | 0.12 | 156.82 | 15.22 | 0.49 | 0.28 | 97.48 | 11.7 | 85.78 | 33.73 |
| 2070 2-2880 | 22880 | 1 | 2/1/79 | 6020.38 | 1144.62 | 7165 | 254.30 | 15.9 | 5975.35 | 1136.06 | 38.75 | 7.37 | 46.12 | 0.03 | 188.41 | 15.47 | 0.22 | 0.24 | 65.89 | 7.83 | 58.06 | 22.83 |
| 2071 7-1992 | 71992 | 7 | 9/30/94 | 5471 | 0 | 5471 | 253.00 | 0 | 4504.7 | 884.49 | 47.81 | 9.39 | 57.2 | 0.15 | 115.84 | 14.07 | 0.62 | 0.18 | 137.16 | 10.19 | 126.97 | 50.19 |
| 2072 2-0298 | 20298 | 2 | 5/13/81 | 6260.77 | 1136.23 | 7397 | 252.44 | 15.79 | 6118.97 | 1110.5 | 90.79 | 16.48 | 107.27 | 0.58 | 103.81 | 14.49 | 1.37 | 0.34 | 148.63 | 18.19 | 130.44 | 51.67 |
| 2073 2-0415 | 20415 | 2 | 5/13/81 | 6260.77 | 1136.23 | 7397 | 252.44 | 15.79 | 6171.6 | 1120.05 | 66.36 | 12.04 | 78.4 | 0.17 | 141.93 | 14.98 | 0.65 | 0.29 | 110.51 | 12.98 | 97.53 | 38.63 |
| 2074 2-0532 | 20532 | 2 | 5/13/81 | 6260.77 | 1136.23 | 7397 | 252.44 | 15.79 | 6152.78 | 1116.64 | 75.66 | 13.73 | 89.39 | 0.29 | 125.42 | 14.81 | 0.88 | 0.31 | 127.02 | 14.92 | 112.1 | 44.41 |
| 2075 2-0806 | 20806 | 2 | 5/13/81 | 6260.77 | 1136.23 | 7397 | 252.44 | 15.79 | 6196.1 | 1124.5 | 51.74 | 9.39 | 61.13 | 0.07 | 164.09 | 15.2 | 0.38 | 0.27 | 88.35 | 10.04 | 78.31 | 31.02 |
| 2076 2-2084 | 22084 | 2 | 5/13/81 | 6260.77 | 1136.23 | 7397 | 252.44 | 15.79 | 6164.82 | 1118.82 | 71.66 | 13.01 | 84.67 | 0.19 | 146.26 | 14.86 | 0.7 | 0.34 | 106.18 | 14.05 | 92.13 | 36.50 |
| 2077 2-2531 | 22531 | 2 | 5/13/81 | 6260.77 | 1136.23 | 7397 | 252.44 | 15.79 | 6158.57 | 1117.69 | 72.92 | 13.23 | 86.15 | 0.25 | 130.18 | 14.84 | 0.83 | 0.33 | 122.26 | 14.39 | 107.87 | 42.73 |
| 2078 2-2851 | 22851 | 2 | 5/13/81 | 6260.77 | 1136.23 | 7397 | 252.44 | 15.79 | 6151.37 | 1116.38 | 76.08 | 13.81 | 89.89 | 0.3 | 123.6 | 14.82 | 0.88 | 0.29 | 128.84 | 14.98 | 113.86 | 45.10 |
| 2079 2-2884 | 22884 | 5 | 9/30/94 | 6037.77 | 1136.23 | 7174 | 252.44 | 15.79 | 5715.62 | 1075.61 | 120.76 | 22.73 | 143.49 | 3.42 | 30.48 | 12.94 | 3.93 | 0.43 | 221.96 | 27.09 | 194.87 | 77.19 |
| 2080 2-0455 | 20455 | 1 | 2/1/79 | 5847.96 | 1132.04 | 6980 | 251.50 | 15.73 | 5797.29 | 1122.23 | 42.55 | 8.24 | 50.79 | 0.05 | 177.11 | 15.23 | 0.28 | 0.27 | 74.39 | 8.79 | 65.6 | 26.08 |
| 2081 2-2158 | 22158 | 1 | 2/1/79 | 5847.96 | 1132.04 | 6980 | 251.50 | 15.73 | 5801.59 | 1123.07 | 39.57 | 7.66 | 47.23 | 0.04 | 183 | 15.27 | 0.24 | 0.26 | 68.5 | 8.16 | 60.34 | 23.99 |
| 2082 2-2385 | 22385 | 1 | 2/1/79 | 5847.96 | 1132.04 | 6980 | 251.50 | 15.73 | 5814.92 | 1125.65 | 29.41 | 5.69 | 35.1 | 0.01 | 199.37 | 15.41 | 0.13 | 0.21 | 52.13 | 6.03 | 46.1 | 18.33 |
| 2083 2-0518 | 20518 | 2 | 5/13/81 | 6041.96 | 1132.04 | 7174 | 251.50 | 15.73 | 5939.26 | 1112.8 | 75.65 | 14.17 | 89.82 | 0.26 | 135.05 | 14.72 | 0.88 | 0.38 | 116.45 | 15.43 | 101.02 | 40.17 |
| 2084 3-2215 | 32215 | 5 | 9/30/94 | 2908.96 | 1132.04 | 4041 | 251.50 | 15.73 | 2846.96 | 1107.93 | 40.08 | 15.6 | 55.68 | 0.2 | 109.68 | 14.63 | 1.07 | 0.25 | 141.82 | 16.92 | 124.9 | 49.66 |
| 2085 2-0047 | 20047 | 1 | 2/1/79 | 6068.34 | 1123.66 | 7192 | 249.64 | 15.61 | 6043.04 | 1118.97 | 23.51 | 4.35 | 27.86 | 0.01 | 215.91 | 15.36 | 0.07 | 0.19 | 33.73 | 4.61 | 29.12 | 11.66 |
| 2086 2-0732 | 20732 | 1 | 2/1/79 | 5892.34 | 1123.66 | 7016 | 249.64 | 15.61 | 5823.09 | 1110.45 | 55.1 | 10.51 | 65.61 | 0.11 | 157.26 | 14.95 | 0.46 | 0.29 | 92.38 | 11.26 | 81.12 | 32.49 |
| 2087 3-0809 | 30809 | 4 | 9/30/94 | 3003.54 | 1119.46 | 4123 | 248.71 | 15.56 | 2938.72 | 1095.3 | 41.44 | 15.45 | 56.89 | 0.22 | 105.48 | 14.45 | 1.09 | 0.25 | 143.23 | 16.79 | 126.44 | 50.84 |
| 2088 2-2187 | 22187 | 1 | 2/1/79 | 6154.92 | 1111.08 | 7266 | 246.85 | 15.44 | 6100.72 | 1101.29 | 45.43 | 8.2 | 53.63 | 0.05 | 172.96 | 14.94 | 0.29 | 0.27 | 73.89 | 8.76 | 65.13 | 26.38 |
| 2089 2-2769 | 22769 | 2 | 5/13/81 | 6154.92 | 1111.08 | 7266 | 246.85 | 15.44 | 6089.33 | 1099.24 | 53.31 | 9.62 | 62.93 | 0.07 | 167.82 | 14.8 | 0.38 | 0.31 | 79.03 | 10.31 | 68.72 | 27.84 |
| 2090 2-1131 | 21131 | 2 | 5/13/81 | 6374.5 | 1098.5 | 7473 | 244.05 | 15.26 | 6264.67 | 1079.57 | 78.32 | 13.5 | 91.82 | 0.28 | 128.77 | 14.29 | 0.81 | 0.3 | 115.28 | 14.61 | 100.67 | 41.25 |
| 2091 2-1299 | 21299 | 2 | 5/13/81 | 6374.5 | 1098.5 | 7473 | 244.05 | 15.26 | 6280.89 | 1082.37 | 68.78 | 11.85 | 80.63 | 0.19 | 133.67 | 14.48 | 0.64 | 0.26 | 110.38 | 12.75 | 97.63 | 40.00 |
| 2092 2-1835 | 21835 | 2 | 5/13/81 | 6374.5 | 1098.5 | 7473 | 244.05 | 15.26 | 6220.87 | 1072.03 | 95.19 | 16.4 | 111.59 | 0.69 | 93.33 | 13.96 | 1.42 | 0.31 | 150.72 | 18.13 | 132.59 | 54.33 |
| 2093 2-2693 | 22693 | 2 | 5/13/81 | 6374.5 | 1098.5 | 7473 | 244.05 | 15.26 | 6265.85 | 1079.78 | 79.5 | 13.7 | 93.2 | 0.28 | 129.23 | 14.3 | 0.86 | 0.35 | 114.82 | 14.91 | 99.91 | 40.94 |
| 2094 6-1715 | 61715 | 2 | 5/13/81 | 7371.89 | 1090.11 | 8462 | 242.19 | 15.15 | 7289.7 | 1077.96 | 61.9 | 9.15 | 71.05 | 0.12 | 138 | 14.63 | 0.4 | 0.18 | 104.19 | 9.73 | 94.46 | 39.00 |
| 2095 6-0209 | 60209 | 3 | 3/31/86 | 7371.89 | 1090.11 | 8462 | 242.19 | 15.15 | 7195.54 | 1064.04 | 98.7 | 14.6 | 113.3 | 0.78 | 75.03 | 14.03 | 1.31 | 0.21 | 167.16 | 16.12 | 151.04 | 62.36 |
| 2096 6-0961 | 60961 | 3 | 3/31/86 | 7371.89 | 1090.11 | 8462 | 242.19 | 15.15 | 7234.36 | 1069.78 | 86.78 | 12.83 | 99.61 | 0.42 | 97.31 | 14.27 | 0.91 | 0.19 | 144.88 | 13.93 | 130.95 | 54.07 |
| 2097 6-0998 | 60998 | 4 | 9/30/94 | 7371.89 | 1090.11 | 8462 | 242.19 | 15.15 | 7192.25 | 1063.54 | 99.42 | 14.7 | 114.12 | 0.79 | 75.4 | 14 | 1.33 | 0.21 | 166.79 | 16.24 | 150.55 | 62.16 |
| 2098 6-2593 | 62593 | 4 | 9/30/94 | 7371.89 | 1090.11 | 8462 | 242.19 | 15.15 | 7143.06 | 1056.28 | 109.62 | 16.21 | 125.83 | 1.4 | 54.51 | 13.69 | 1.83 | 0.23 | 187.68 | 18.27 | 169.41 | 69.95 |
| 2099 6-0672 | 60672 | 5 | 9/30/94 | 7371.89 | 1090.11 | 8462 | 242.19 | 15.15 | 7169.25 | 1060.16 | 104.72 | 15.49 | 120.21 | 1.12 | 65.74 | 13.77 | 1.68 | 0.27 | 176.45 | 17.44 | 159.01 | 65.66 |
| 2100 3-1432 | 31432 | 8 | 9/30/94 | 3642.48 | 0 | 3642.48 | 240.03 | 15.14 | 2672.75 | 897.62 | 36.24 | 12.17 | 48.41 | 0.16 | 114.49 | 14.08 | 0.87 | 0.24 | 125.54 | 13.28 | 112.26 | 46.77 |
| 2101 3-4585 | 34585 | 8 | 9/30/94 | 3642.48 | 0 | 3642.48 | 240.03 | 15.14 | 2691.09 | 903.79 | 28.1 | 9.44 | 37.54 | 0.05 | 153.98 | 14.38 | 0.44 | 0.27 | 86.05 | 10.15 | 75.9 | 31.62 |
| 2102 3-5347 | 35347 | 8 | 9/30/94 | 3706.81 | 0 | 3706.81 | 238.05 | 15.01 | 2751.12 | 892.74 | 33.93 | 11.01 | 44.94 | 0.11 | 127.84 | 14.08 | 0.68 | 0.24 | 110.21 | 11.93 | 98.28 | 41.29 |
| 2103 6-2866 | 62866 | 4 | 9/30/94 | 7343.85 | 1069.15 | 8413 | 237.53 | 14.86 | 7090.17 | 1032.23 | 114.58 | 16.68 | 131.26 | 1.82 | 47.65 | 13.19 | 2.15 | 0.27 | 189.88 | 19.1 | 170.78 | 71.90 |
| 2104 6-0937 | 60937 | 5 | 9/30/94 | 7343.85 | 1069.15 | 8413 | 237.53 | 14.86 | 7097.41 | 1033.27 | 111.97 | 16.3 | 128.27 | 1.65 | 46.57 | 13.33 | 1.99 | 0.24 | 190.96 | 18.53 | 172.43 | 72.59 |
| 2105 6-0985 | 60985 | 5 | 9/30/94 | 7343.85 | 1069.15 | 8413 | 237.53 | 14.86 | 7074.17 | 1029.9 | 116.87 | 17.01 | 133.88 | 2.07 | 42.54 | 13.1 | 2.33 | 0.28 | 194.99 | 19.62 | 175.37 | 73.83 |
| 2106 6-0729 | 60729 | 6 | 9/30/94 | 7343.85 | 1069.15 | 8413 | 237.53 | 14.86 | 7106.31 | 1034.57 | 110.95 | 16.15 | 127.1 | 1.53 | 50.24 | 13.38 | 1.87 | 0.23 | 187.29 | 18.25 | 169.04 | 71.17 |
| 2107 6-0935 | 60935 | 6 | 9/30/94 | 7343.85 | 1069.15 | 8413 | 237.53 | 14.86 | 7080.71 | 1030.83 | 116.36 | 16.94 | 133.3 | 1.98 | 45.1 | 13.13 | 2.25 | 0.27 | 192.43 | 19.46 | 172.97 | 72.82 |
| 2108 6-1065 | 61065 | 6 | 9/30/94 | 7343.85 | 1069.15 | 8413 | 237.53 | 14.86 | 7148.64 | 1040.72 | 102.94 | 14.99 | 117.93 | 1.04 | 67.97 | 13.55 | 1.56 | 0.26 | 169.56 | 16.81 | 152.75 | 64.31 |
| 2109 3-2612 | 32612 | 7 | 9/30/94 | 3527 | 0 | 3527 | 236.00 | 0 | 2624.83 | 820.14 | 39.16 | 12.24 | 51.4 | 0.23 | 89.73 | 12.77 | 1.03 | 0.22 | 146.27 | 13.49 | 132.78 | 56.26 |
| 2110 3-4146 | 34146 | 7 | 9/30/94 | 3527 | 0 | 3527 | 236.00 | 0 | 2617.24 | 817.78 | 41.28 | 12.9 | 54.18 | 0.31 | 78.93 | 12.66 | 1.21 | 0.21 | 157.07 | 14.32 | 142.75 | 60.49 |
| 2111 3-5680 | 35680 | 7 | 9/30/94 | 3527 | 0 | 3527 | 236.00 | 0 | 2638.85 | 824.56 | 34.34 | 10.73 | 45.07 | 0.12 | 113.69 | 12.98 | 0.69 | 0.22 | 122.31 | 11.64 | 110.67 | 46.89 |
| 2112 7-2434 | 72434 | 9 | 9/30/94 | 3130.7 | 892.48 | 4023.18 | 233.93 | 14.32 | 3113.88 | 887.68 | 14.92 | 4.25 | 19.17 | 0.01 | 186.59 | 14.08 | 0.1 | 0.14 | 47.34 | 4.49 | 42.85 | 18.32 |
| 2113 6-0488 | 60488 | 1 | 2/1/79 | 7423.81 | 1048.19 | 8472 | 232.87 | 14.56 | 7397.67 | 1044.5 | 23.94 | 3.38 | 27.32 | 0.01 | 194.89 | 14.4 | 0.06 | 0.12 | 37.98 | 3.56 | 34.42 | 14.78 |
| 2114 6-0820 | 60820 | 1 | 2/1/79 | 7423.81 | 1048.19 | 8472 | 232.87 | 14.56 | 7393.86 | 1043.96 | 27.11 | 3.83 | 30.94 | 0.01 | 189.6 | 14.39 | 0.07 | 0.11 | 43.27 | 4.01 | 39.26 | 16.86 |
| 2115 6-0844 | 60844 | 1 | 2/1/79 | 7423.81 | 1048.19 | 8472 | 232.87 | 14.56 | 7388.53 | 1043.2 | 31.42 | 4.44 | 35.86 | 0.01 | 183.96 | 14.34 | 0.09 | 0.14 | 48.91 | 4.67 | 44.24 | 19.00 |
| 2116 6-2792 | 62792 | 1 | 2/1/79 | 7423.81 | 1048.19 | 8472 | 232.87 | 14.56 | 7388.32 | 1043.17 | 31.58 | 4.46 | 36.04 | 0.01 | 183.67 | 14.35 | 0.09 | 0.13 | 49.2 | 4.68 | 44.52 | 19.12 |
| 2117 6-0111 | 60111 | 1 | 2/1/79 | 7237.01 | 1043.99 | 8281 | 231.94 | 14.51 | 7215.71 | 1040.92 | 19.81 | 2.86 | 22.67 | 0 | 199.73 | 14.38 | 0.04 | 0.09 | 32.21 | 2.99 | 29.22 | 12.60 |
| 2118 6-0675 | 60675 | 2 | 5/13/81 | 7237.01 | 1043.99 | 8281 | 231.94 | 14.51 | 7176.84 | 1035.31 | 48.58 | 7.01 | 55.59 | 0.05 | 152.16 | 14.15 | 0.23 | 0.15 | 79.78 | 7.39 | 72.39 | 31.21 |
| 2119 6-0735 | 60735 | 2 | 5/13/81 | 7237.01 | 1043.99 | 8281 | 231.94 | 14.51 | 7141.94 | 1030.28 | 68.65 | 9.9 | 78.55 | 0.18 | 121.93 | 13.9 | 0.51 | 0.2 | 110.01 | 10.61 | 99.4 | 42.86 |
| 2120 6-2222 | 62222 | 2 | 5/13/81 | 7237.01 | 1043.99 | 8281 | 231.94 | 14.51 | 7169.88 | 1034.31 | 52.89 | 7.63 | 60.52 | 0.07 | 146.48 | 14.08 | 0.29 | 0.19 | 85.46 | 8.11 | 77.35 | 33.35 |
| 2121 6-2285 | 62285 | 2 | 5/13/81 | 7237.01 | 1043.99 | 8281 | 231.94 | 14.51 | 7140.58 | 1030.08 | 69.22 | 9.99 | 79.21 | 0.19 | 120.45 | 13.9 | 0.51 | 0.19 | 111.49 | 10.69 | 100.8 | 43.46 |
| 2122 6-1984 | 61984 | 3 | 3/31/86 | 7237.01 | 1043.99 | 8281 | 231.94 | 14.51 | 7047.76 | 1016.69 | 102.28 | 14.75 | 117.03 | 0.98 | 67.94 | 13.27 | 1.48 | 0.24 | 164 | 16.47 | 147.53 | 63.61 |
| 2123 6-2288 | 62288 | 3 | 3/31/86 | 7237.01 | 1043.99 | 8281 | 231.94 | 14.51 | 7099.49 | 1024.16 | 85.73 | 12.37 | 98.1 | 0.47 | 93.77 | 13.6 | 0.94 | 0.23 | 138.17 | 13.54 | 124.63 | 53.73 |
| 2124 6-2723 | 62723 | 4 | 9/30/94 | 7237.01 | 1043.99 | 8281 | 231.94 | 14.51 | 7052.24 | 1017.35 | 99.47 | 14.35 | 113.82 | 0.93 | 69.75 | 13.29 | 1.43 | 0.25 | 162.19 | 16.03 | 146.16 | 63.02 |
| 2125 6-0067 | 60067 | 3 | 3/31/86 | 7322.2 | 1039.8 | 8362 | 231.01 | 14.45 | 7125.74 | 1011.9 | 104.16 | 14.79 | 118.95 | 1.04 | 64.83 | 13.21 | 1.49 | 0.22 | 166.18 | 16.5 | 149.68 | 64.79 |
| 2126 6-2776 | 62776 | 4 | 9/30/94 | 7322.2 | 1039.8 | 8362 | 231.01 | 14.45 | 7065.16 | 1003.29 | 114.4 | 16.25 | 130.65 | 1.87 | 44.87 | 12.84 | 2.07 | 0.25 | 186.14 | 18.57 | 167.57 | 72.54 |
| 2127 6-0682 | 60682 | 5 | 9/30/94 | 7306.2 | 1039.8 | 8346 | 231.01 | 14.45 | 7112.75 | 1012.27 | 102.2 | 14.55 | 116.75 | 0.95 | 64.42 | 13.27 | 1.42 | 0.2 | 166.59 | 16.17 | 150.42 | 65.11 |
| 2128 6-2702 | 62702 | 5 | 9/30/94 | 7306.2 | 1039.8 | 8346 | 231.01 | 14.45 | 7032.33 | 1000.84 | 116.41 | 16.57 | 132.98 | 2.12 | 39.47 | 12.74 | 2.25 | 0.26 | 191.54 | 19.08 | 172.46 | 74.65 |
| 2129 6-2598 | 62598 | 6 | 9/30/94 | 7306.2 | 1039.8 | 8346 | 231.01 | 14.45 | 7039.53 | 1001.86 | 115.88 | 16.49 | 132.37 | 2.02 | 42.08 | 12.78 | 2.16 | 0.25 | 188.93 | 18.9 | 170.03 | 73.60 |
| 2130 6-2774 | 62774 | 6 | 9/30/94 | 7306.2 | 1039.8 | 8346 | 231.01 | 14.45 | 7120.93 | 1013.43 | 100.61 | 14.32 | 114.93 | 0.86 | 68.87 | 13.31 | 1.33 | 0.2 | 162.14 | 15.85 | 146.29 | 63.33 |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2131 | 2-0265 | 20265 | 3 | 3/31/86 | 4713.39 | 1035.61 | 5749 | 230.08 | 14.39 | 4562.77 | 1002.51 | 81.67 | 17.94 | 99.61 | 0.84 | 67.09 | 12.88 | 1.79 | 0.26 | 162.99 | 19.99 | 143 | 62.15 |
| 2132 | 2-0577 | 20577 | 3 | 3/31/86 | 4713.39 | 1035.61 | 5749 | 230.08 | 14.39 | 4515.02 | 992.02 | 88.85 | 19.52 | 108.37 | 1.6 | 42.2 | 12.47 | 2.53 | 0.29 | 187.88 | 22.34 | 165.54 | 71.95 |
| 2133 | 2-1044 | 21044 | 3 | 3/31/86 | 4713.39 | 1035.61 | 5749 | 230.08 | 14.39 | 4556.87 | 1001.22 | 81.54 | 17.91 | 99.45 | 0.94 | 60.92 | 12.86 | 1.87 | 0.26 | 169.16 | 20.04 | 149.12 | 64.81 |
| 2134 | 2-1489 | 21489 | 3 | 3/31/86 | 4713.39 | 1035.61 | 5749 | 230.08 | 14.39 | 4601.1 | 1010.94 | 72.27 | 15.88 | 88.15 | 0.42 | 93.4 | 13.24 | 1.23 | 0.29 | 136.68 | 17.4 | 119.28 | 51.84 |
| 2135 | 2-1606 | 21606 | 3 | 3/31/86 | 4713.39 | 1035.61 | 5749 | 230.08 | 14.39 | 4567.23 | 1003.5 | 83.53 | 18.35 | 101.88 | 0.81 | 71.59 | 12.9 | 1.81 | 0.32 | 158.49 | 20.48 | 138.01 | 59.98 |
| 2136 | 2-1950 | 21950 | 3 | 3/31/86 | 4713.39 | 1035.61 | 5749 | 230.08 | 14.39 | 4587.79 | 1008.01 | 74.37 | 16.34 | 90.71 | 0.55 | 81.34 | 13.13 | 1.38 | 0.25 | 148.74 | 17.97 | 130.77 | 56.84 |
| 2137 | 31996 | 31996 | 5 | 9/30/94 | 3126.93 | 1002.07 | 4129 | 222.63 | 13.92 | 3045.83 | 976.09 | 47.5 | 15.22 | 62.72 | 0.35 | 78.35 | 12.76 | 1.26 | 0.22 | 144.28 | 16.7 | 127.58 | 57.31 |
| 2138 | 3-2600 | 32600 | 5 | 9/30/94 | 3126.93 | 1002.07 | 4129 | 222.63 | 13.92 | 3055.49 | 979.17 | 45.36 | 14.54 | 59.9 | 0.25 | 91.36 | 12.88 | 1.06 | 0.22 | 131.27 | 15.82 | 115.45 | 51.86 |
| 2139 | 3-2498 | 32498 | 6 | 9/30/94 | 3126.93 | 1002.07 | 4129 | 222.63 | 13.92 | 3063.23 | 981.65 | 42.93 | 13.76 | 56.69 | 0.19 | 101.74 | 12.98 | 0.89 | 0.24 | 120.89 | 14.89 | 106 | 47.61 |
| 2140 | 3-2858 | 32858 | 6 | 9/30/94 | 3126.93 | 1002.07 | 4129 | 222.63 | 13.92 | 3055.41 | 979.14 | 44.87 | 14.38 | 59.25 | 0.25 | 90.1 | 12.89 | 1.05 | 0.22 | 132.53 | 15.65 | 116.88 | 52.50 |
| 2141 | 7-5789 | 75789 | 8 | 9/30/94 | 3987.6 | 0 | 3987.6 | 217.86 | 13.73 | 3119.15 | 821.34 | 28.11 | 7.4 | 35.51 | 0.05 | 128.82 | 13.19 | 0.35 | 0.16 | 89.04 | 7.91 | 81.13 | 37.24 |
| 2142 | 3-0898 | 30898 | 3 | 3/31/86 | 3512.05 | 955.95 | 4468 | 212.38 | 13.28 | 3462.9 | 942.57 | 36.82 | 10.02 | 46.84 | 0.09 | 119.37 | 12.66 | 0.48 | 0.2 | 93.01 | 10.7 | 82.31 | 38.76 |
| 2143 | 3-2850 | 32850 | 3 | 3/31/86 | 3512.05 | 955.95 | 4468 | 212.38 | 13.28 | 3463.79 | 942.81 | 36.34 | 9.89 | 46.23 | 0.08 | 120.24 | 12.67 | 0.47 | 0.2 | 92.14 | 10.56 | 81.58 | 38.41 |
| 2144 | 2-2477 | 22477 | 5 | 9/30/94 | 5391.79 | 918.21 | 6310 | 204.00 | 12.76 | 5090.31 | 866.87 | 105.72 | 18 | 123.72 | 3.18 | 19.63 | 10.54 | 3.07 | 0.31 | 184.37 | 21.38 | 162.99 | 79.90 |
| 2145 | 3-0923 | 30923 | 4 | 9/30/94 | 3117.98 | 914.02 | 4032 | 203.07 | 12.7 | 3045.93 | 892.89 | 44.83 | 13.14 | 57.97 | 0.26 | 80.67 | 11.75 | 0.97 | 0.19 | 122.4 | 14.3 | 108.1 | 53.23 |
| 2146 | 3-1889 | 31889 | 4 | 9/30/94 | 3117.98 | 914.02 | 4032 | 203.07 | 12.7 | 3052.89 | 894.95 | 43.49 | 12.75 | 56.24 | 0.2 | 91.07 | 11.83 | 0.84 | 0.22 | 112 | 13.81 | 98.19 | 48.35 |
| 2147 | 2-2761 | 22761 | 5 | 9/30/94 | 5409.17 | 909.83 | 6319 | 202.14 | 12.64 | 5169.11 | 869.46 | 100.58 | 16.92 | 117.5 | 2.01 | 31.39 | 10.88 | 2.37 | 0.26 | 170.75 | 19.55 | 151.2 | 74.80 |
| 2148 | 2-0228 | 20228 | 2 | 5/13/81 | 5513.37 | 905.63 | 6419 | 201.20 | 12.58 | 5429.04 | 891.78 | 60.95 | 10.01 | 70.96 | 0.18 | 105.3 | 11.96 | 0.54 | 0.2 | 95.9 | 10.75 | 85.15 | 42.32 |
| 2149 | 2-1520 | 21520 | 1 | 2/1/79 | 6114.56 | 901.44 | 7016 | 200.27 | 12.53 | 6051.76 | 892.18 | 50.84 | 7.5 | 58.34 | 0.08 | 129.58 | 12.09 | 0.29 | 0.19 | 70.69 | 7.98 | 62.71 | 31.31 |
| 2150 | 2-1590 | 21590 | 2 | 5/13/81 | 5211.56 | 901.44 | 6113 | 200.27 | 12.53 | 5132.43 | 887.75 | 59.71 | 10.33 | 70.04 | 0.15 | 111.8 | 11.88 | 0.54 | 0.24 | 88.47 | 11.11 | 77.36 | 38.63 |
| 2151 | 3-2421 | 32421 | 6 | 9/30/94 | 2908.52 | 880.48 | 3789 | 195.61 | 12.23 | 2822.23 | 854.36 | 45.97 | 13.92 | 59.89 | 0.44 | 55.09 | 11.13 | 1.29 | 0.18 | 140.52 | 15.39 | 125.13 | 63.97 |
| 2152 | 3-0800 | 30800 | 4 | 9/30/94 | 2959.91 | 872.09 | 3832 | 193.75 | 12.12 | 2872.47 | 846.32 | 46.59 | 13.73 | 60.32 | 0.45 | 54.39 | 11.04 | 1.27 | 0.18 | 139.36 | 15.18 | 124.18 | 64.09 |
| 2153 | 2-1468 | 21468 | 1 | 2/1/79 | 5955.68 | 855.32 | 6811 | 190.03 | 11.89 | 5910.98 | 848.9 | 38.27 | 5.5 | 43.77 | 0.03 | 138.18 | 11.59 | 0.16 | 0.15 | 51.85 | 5.81 | 46.04 | 24.23 |
| 2154 | 2-1324 | 21324 | 1 | 2/1/79 | 5740.07 | 846.93 | 6587 | 188.16 | 11.77 | 5718.22 | 843.71 | 20.22 | 2.98 | 23.2 | 0 | 160.84 | 11.62 | 0.04 | 0.11 | 27.32 | 3.13 | 24.19 | 12.86 |
| 2155 | 2-2138 | 22138 | 1 | 2/1/79 | 5740.07 | 846.93 | 6587 | 188.16 | 11.77 | 5697.74 | 840.69 | 36.34 | 5.36 | 41.7 | 0.03 | 137.83 | 11.48 | 0.15 | 0.15 | 50.33 | 5.66 | 44.67 | 23.74 |
| 2156 | 2-2169 | 22169 | 1 | 2/1/79 | 5740.07 | 846.93 | 6587 | 188.16 | 11.77 | 5714.19 | 843.12 | 23.53 | 3.47 | 27 | 0.01 | 155.05 | 11.59 | 0.06 | 0.11 | 33.11 | 3.64 | 29.47 | 15.66 |
| 2157 | 2-0400 | 20400 | 2 | 5/13/81 | 5740.07 | 846.93 | 6587 | 188.16 | 11.77 | 5671.36 | 836.8 | 53.74 | 7.93 | 61.67 | 0.09 | 117.18 | 11.29 | 0.33 | 0.18 | 70.98 | 8.44 | 62.54 | 33.24 |
| 2158 | 2-0655 | 20655 | 2 | 5/13/81 | 5740.07 | 846.93 | 6587 | 188.16 | 11.77 | 5664.59 | 835.8 | 56.91 | 8.4 | 65.31 | 0.12 | 107.37 | 11.26 | 0.39 | 0.17 | 80.79 | 8.96 | 71.83 | 38.17 |
| 2159 | 2-1133 | 21133 | 2 | 5/13/81 | 5740.07 | 846.93 | 6587 | 188.16 | 11.77 | 5676.78 | 837.6 | 49.74 | 7.34 | 57.08 | 0.08 | 117.17 | 11.35 | 0.29 | 0.16 | 70.99 | 7.79 | 63.2 | 33.59 |
| 2160 | 2-1532 | 21532 | 2 | 5/13/81 | 5740.07 | 846.93 | 6587 | 188.16 | 11.77 | 5648.84 | 833.47 | 66.18 | 9.77 | 75.95 | 0.2 | 100.8 | 11.12 | 0.52 | 0.2 | 87.36 | 10.49 | 76.87 | 40.85 |
| 2161 | 2-1570 | 21570 | 2 | 5/13/81 | 5740.07 | 846.93 | 6587 | 188.16 | 11.77 | 5612.07 | 828.05 | 80.98 | 11.95 | 92.93 | 0.49 | 73.45 | 10.91 | 0.92 | 0.2 | 114.71 | 13.07 | 101.64 | 54.02 |
| 2162 | 2-2501 | 22501 | 2 | 5/13/81 | 5740.07 | 846.93 | 6587 | 188.16 | 11.77 | 5679.1 | 837.94 | 49.74 | 7.34 | 57.08 | 0.06 | 124.11 | 11.34 | 0.28 | 0.2 | 64.05 | 7.82 | 56.23 | 29.88 |
| 2163 | 2-2893 | 22893 | 2 | 5/13/81 | 5740.07 | 846.93 | 6587 | 188.16 | 11.77 | 5684.15 | 838.68 | 45.24 | 6.67 | 51.91 | 0.05 | 124.06 | 11.4 | 0.24 | 0.16 | 64.1 | 7.07 | 57.03 | 30.31 |
| 2164 | 2-1529 | 21529 | 2 | 5/13/81 | 5778.26 | 842.74 | 6621 | 187.23 | 11.71 | 5682.18 | 828.73 | 67.68 | 9.87 | 77.55 | 0.23 | 92.57 | 11.07 | 0.58 | 0.18 | 94.66 | 10.63 | 84.03 | 44.88 |
| 2165 | 2-0827 | 20827 | 1 | 2/1/79 | 5442.84 | 830.16 | 6273 | 184.44 | 11.54 | 5394.63 | 822.81 | 40.32 | 6.15 | 46.47 | 0.04 | 127.78 | 11.19 | 0.2 | 0.16 | 56.66 | 6.51 | 50.15 | 27.19 |
| 2166 | 2-2209 | 22209 | 1 | 2/1/79 | 5442.84 | 830.16 | 6273 | 184.44 | 11.54 | 5408.05 | 824.86 | 30.46 | 4.65 | 35.11 | 0.02 | 140.53 | 11.29 | 0.11 | 0.14 | 43.91 | 4.9 | 39.01 | 21.15 |
| 2167 | 2-2722 | 22722 | 1 | 2/1/79 | 5442.84 | 830.16 | 6273 | 184.44 | 11.54 | 5384.05 | 821.2 | 47.3 | 7.21 | 54.51 | 0.07 | 117.56 | 11.12 | 0.28 | 0.17 | 66.88 | 7.66 | 59.22 | 32.11 |
| 2168 | 2-2733 | 22733 | 1 | 2/1/79 | 5442.84 | 830.16 | 6273 | 184.44 | 11.54 | 5417.77 | 826.34 | 22.89 | 3.49 | 26.38 | 0.01 | 153.73 | 11.35 | 0.06 | 0.12 | 30.71 | 3.67 | 27.04 | 14.66 |
| 2169 | 2-0980 | 20980 | 1 | 2/1/79 | 5996.41 | 817.59 | 6814 | 181.64 | 11.36 | 5959.64 | 812.57 | 32.39 | 4.42 | 36.81 | 0.02 | 140.15 | 11.13 | 0.11 | 0.13 | 41.49 | 4.66 | 36.83 | 20.28 |
| 2170 | 7-2499 | 72499 | 3 | 3/31/86 | 5386.38 | 796.62 | 6183 | 176.98 | 11.07 | 5324.04 | 787.4 | 46.76 | 6.92 | 53.68 | 0.1 | 96.85 | 10.68 | 0.32 | 0.12 | 80.13 | 7.36 | 72.77 | 41.12 |
| 2171 | 7-1652 | 71652 | 4 | 9/30/94 | 5386.38 | 796.62 | 6183 | 176.98 | 11.07 | 5304.31 | 784.48 | 55.7 | 8.24 | 63.94 | 0.19 | 81.28 | 10.56 | 0.49 | 0.13 | 95.7 | 8.86 | 86.84 | 49.07 |
| 2172 | 7-1451 | 71451 | 1 | 2/1/79 | 5286.92 | 763.08 | 6050 | 169.53 | 10.6 | 5277.45 | 761.71 | 9.05 | 1.31 | 10.36 | 0 | 154.1 | 10.55 | 0.01 | 0.04 | 15.43 | 1.36 | 14.07 | 8.30 |
| 2173 | 7-1670 | 71670 | 2 | 5/13/81 | 5286.92 | 763.08 | 6050 | 169.53 | 10.6 | 5260 | 759.19 | 23.44 | 3.38 | 26.82 | 0.01 | 129.36 | 10.45 | 0.07 | 0.08 | 40.17 | 3.53 | 36.64 | 21.61 |
| 2174 | 7-1630 | 71630 | 5 | 9/30/94 | 5340.92 | 763.08 | 6104 | 169.53 | 10.6 | 5251.73 | 750.33 | 58.29 | 8.33 | 66.62 | 0.24 | 72.08 | 10.07 | 0.54 | 0.12 | 97.45 | 8.99 | 88.46 | 52.18 |
| 2175 | 7-0807 | 70807 | 6 | 9/30/94 | 5340.92 | 763.08 | 6104 | 169.53 | 10.6 | 5256.09 | 750.95 | 56.72 | 8.1 | 64.82 | 0.21 | 75.73 | 10.09 | 0.49 | 0.12 | 93.8 | 8.71 | 85.09 | 50.19 |
| 2176 | 3-0787 | 30787 | 3 | 3/31/86 | 3445.31 | 754.69 | 4200 | 167.67 | 10.49 | 3385.55 | 741.61 | 41.51 | 9.09 | 50.6 | 0.15 | 80.37 | 9.91 | 0.53 | 0.15 | 87.3 | 9.77 | 77.53 | 46.24 |
| 2177 | 3-1719 | 31719 | 3 | 3/31/86 | 3445.31 | 754.69 | 4200 | 167.67 | 10.49 | 3393.12 | 743.26 | 38.77 | 8.49 | 47.26 | 0.1 | 89.71 | 9.97 | 0.44 | 0.17 | 77.96 | 9.1 | 68.86 | 41.07 |
| 2178 | 3-1766 | 31766 | 3 | 3/31/86 | 3445.31 | 754.69 | 4200 | 167.67 | 10.49 | 3371.75 | 738.58 | 46.59 | 10.2 | 56.79 | 0.25 | 66.72 | 9.79 | 0.72 | 0.15 | 100.95 | 11.07 | 89.88 | 53.61 |
| 2179 | 3-1755 | 31755 | 5 | 9/30/94 | 3166.04 | 716.96 | 3883 | 159.29 | 9.96 | 3072.74 | 695.82 | 49.47 | 11.2 | 60.67 | 0.48 | 44.25 | 9.08 | 1.04 | 0.14 | 115.04 | 12.38 | 102.66 | 64.45 |
| 2180 | 3-0919 | 30919 | 1 | 2/1/79 | 3928.55 | 662.45 | 4591 | 147.18 | 9.21 | 3910.66 | 659.44 | 16.18 | 2.73 | 18.91 | 0 | 119.94 | 9.07 | 0.05 | 0.08 | 27.24 | 2.86 | 24.38 | 16.56 |
| 2181 | 3-1814 | 31814 | 2 | 5/13/81 | 3864.74 | 658.26 | 4523 | 146.25 | 9.15 | 3823.98 | 651.32 | 32.08 | 5.46 | 37.54 | 0.05 | 91.13 | 8.85 | 0.21 | 0.11 | 55.12 | 5.78 | 49.34 | 33.74 |
| 2182 | 3-0574 | 30574 | 1 | 2/1/79 | 4461.24 | 603.76 | 5065 | 134.14 | 8.39 | 4449.2 | 602.13 | 11.33 | 1.53 | 12.86 | 0 | 118.28 | 8.32 | 0.02 | 0.05 | 15.86 | 1.6 | 14.26 | 10.63 |
| 2183 | 3-1282 | 31282 | 1 | 2/1/79 | 4194.24 | 603.76 | 4798 | 134.14 | 8.39 | 4178.48 | 601.49 | 14.52 | 2.09 | 16.61 | 0 | 113.25 | 8.29 | 0.03 | 0.07 | 20.89 | 2.19 | 18.7 | 13.94 |
| 2184 | 3-1711 | 31711 | 1 | 2/1/79 | 4461.24 | 603.76 | 5065 | 134.14 | 8.39 | 4441.11 | 601.03 | 18.21 | 2.46 | 20.67 | 0.01 | 109.13 | 8.27 | 0.04 | 0.08 | 25.01 | 2.58 | 22.43 | 16.72 |
| 2185 | 3-2422 | 32422 | 1 | 2/1/79 | 4461.24 | 603.76 | 5065 | 134.14 | 8.39 | 4450.52 | 602.3 | 10.18 | 1.38 | 11.56 | 0 | 120.35 | 8.33 | 0.01 | 0.05 | 13.79 | 1.44 | 12.35 | 9.21 |
| 2186 | 3-1171 | 31171 | 2 | 5/13/81 | 4461.24 | 603.76 | 5065 | 134.14 | 8.39 | 4434.51 | 600.14 | 23.21 | 3.14 | 26.35 | 0.01 | 101.72 | 8.23 | 0.07 | 0.08 | 32.42 | 3.29 | 29.13 | 21.72 |
| 2187 | 3-1412 | 31412 | 2 | 5/13/81 | 4461.24 | 603.76 | 5065 | 134.14 | 8.39 | 4431.83 | 599.77 | 25.15 | 3.4 | 28.55 | 0.01 | 98.82 | 8.22 | 0.09 | 0.09 | 35.32 | 3.58 | 31.74 | 23.66 |
| 2188 | 3-1965 | 31965 | 2 | 5/13/81 | 4194.24 | 603.76 | 4798 | 134.14 | 8.39 | 4166.74 | 599.8 | 23.94 | 3.45 | 27.39 | 0.01 | 101.42 | 8.21 | 0.09 | 0.1 | 32.72 | 3.64 | 29.08 | 21.68 |
| 2189 | 3-2852 | 32852 | 2 | 5/13/81 | 4461.24 | 603.76 | 5065 | 134.14 | 8.39 | 4427.45 | 599.18 | 28.47 | 3.85 | 32.32 | 0.02 | 96.21 | 8.18 | 0.11 | 0.1 | 37.93 | 4.06 | 33.87 | 25.25 |
| 2190 | 3-1090 | 31090 | 5 | 9/30/94 | 4447.82 | 591.18 | 5039 | 131.34 | 8.21 | 4322.78 | 574.56 | 66.73 | 8.87 | 75.6 | 0.63 | 35.35 | 7.51 | 0.87 | 0.12 | 95.99 | 9.86 | 86.13 | 65.58 |
| 2191 | *8-0206* | *80206* | *3* | 3/31/86 | *0* | *0* | 0 | *0* | *0* | *381.78* | *120.48* | *6.91* | *2.19* | 9.1 | *0.05* | *10.67* | *46.19* | *0.18* | *0.7* | *-10.67* | 3.07 | -13.74 | NA |
| 2192 | *8-0206* | *80206* | *3* | 3/31/86 | *0* | *0* | 0 | *0* | *0* | *746.04* | *0* | *13.23* | *0* | 13.23 | *0.1* | *15.11* | *2.08* | *0.24* | *0.06* | *-15.11* | 0.3 | -15.41 | NA |
| 2193 | *8-0206* | *80206* | *3* | *3/31/86* | *0* | *0* | 0 | *0* | *0* | *381.78* | *120.48* | *6.91* | *2.19* | 9.1 | *0.05* | *10.67* | *46.19* | *0.18* | *0.7* | *-10.67* | 3.07 | -13.74 | NA |
| 2194 | *8-0206* | *80206* | *3* | *3/31/86* | *0* | *0* | 0 | *0* | *0* | *746.04* | *0* | *13.23* | *0* | 13.23 | *0.1* | *15.11* | *2.08* | *0.24* | *0.06* | *-15.11* | 0.3 | -15.41 | NA |
| 2195 | *8-0125* | *80125* | *5* | 9/30/94 | *0* | *0* | 0 | *0* | *0* | *378.61* | *119.49* | *7.49* | *2.37* | 9.86 | *0.1* | *7.78* | *45.27* | *0.26* | *0.72* | *-7.78* | 3.35 | -11.13 | NA |
| 2196 | *8-0125* | *80125* | *5* | 9/30/94 | *0* | *0* | 0 | *0* | *0* | *9204* | *4.85* | *179.91* | *0.09* | 180 | *2.35* | *132.71* | *24.34* | *4.45* | *0.77* | *-132.71* | 5.31 | -138.02 | NA |
| 2197 | *8-0125* | *80125* | *5* | *9/30/94* | *0* | *0* | 0 | *0* | *0* | *378.61* | *119.49* | *7.49* | *2.37* | 9.86 | *0.1* | *7.78* | *45.27* | *0.26* | *0.72* | *-7.78* | 3.35 | -11.13 | NA |
| 2198 | *8-0125* | *80125* | *5* | *9/30/94* | *0* | *0* | 0 | *0* | *0* | *9204* | *4.85* | *179.91* | *0.09* | 180 | *2.35* | *132.71* | *24.34* | *4.45* | *0.77* | *-132.71* | 5.31 | -138.02 | NA |
| 2199 | *8-0199* | *80199* | *7* | 9/30/94 | *0* | *0* | 0 | *0* | *0* | *287.35* | *182.5* | *6.01* | *3.85* | 9.86 | *0.1* | *13.47* | *72.66* | *0.5* | *1.1* | *-13.47* | 5.45 | -18.92 | NA |
| 2200 | *8-0199* | *80199* | *7* | 9/30/94 | *0* | *0* | 0 | *0* | *0* | *749.77* | *0* | *15.53* | *0* | 15.53 | *0.26* | *19.67* | *3.38* | *0.74* | *0.12* | *-19.67* | 0.86 | -20.53 | NA |
| 2201 | *8-0199* | *80199* | *7* | *9/30/94* | *0* | *0* | 0 | *0* | *0* | *287.35* | *182.5* | *6.01* | *3.85* | 9.86 | *0.1* | *13.47* | *72.66* | *0.5* | *1.1* | *-13.47* | 5.45 | -18.92 | NA |

| | Element | Element N | Seg | Date | BOL_Fert_ Th232 | BOL_Fis_T h232 | Total Th232 | BOL_Fis_ U235 | BOL_Fis_ U238 | EOL_Fert_ Th232 | EOL_Fis_T h232 | EOL_Fert_ U233 | EOL_Fis_ U233 | Tot EOL_Fis_ U233 | EOL_Fert_ U235 | EOL_Fis_ U235 | EOL_Fis_ U238 | EOL_Fis_ Np237 | EOL_Fis_ Pu239 | Depletion | Fissile Additions | Net Fiss. Decrease | Net Loss - % of BOL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2202 | 8-0199 | 80199 | 7 | 9/30/94 | 0 | 0 | 0 | 0 | 0 | 749.77 | 0 | 15.53 | 0 | 15.53 | 0.26 | 19.67 | 3.38 | 0.74 | 0.12 | -19.67 | 0.86 | -20.53 | NA |




| | (gms BOL $^{235}$U) |
|---|---|
| Sum | 1264927.5 |
| Average | 574.44482 |
| High value | 1256.61 |
| Low value | 131.34 |

# Appendix C: Uranium/Thorium Fuel Loading - Product Specification

**Table C-1.** Uranium and Thorium Loading for Fuel Elements [Ref. 8, pgs. 6-20 to 6-26]

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| Fuel elements | 101 | 1 | 470 | 437.81 | 12941 | 12941 |
| 90-R1801-110 | 102 | 2 | 361 | 336.27 | 11652 | 11652 |
| | 103 | 3 | 663 | 617.58 | 10757 | 10757 |
| | 104 | 4 | 493 | 459.23 | 9276 | 9276 |
| | 105 | 5 | 751 | 699.56 | 11198 | 11198 |
| | 106 | 6 | 562 | 523.50 | 9871 | 9871 |
| | 107 | 7 | 860 | 801.09 | 11140 | 11140 |
| | 108 | 8 | 655 | 610.13 | 9987 | 9987 |
| | 109 | 9 | 612 | 570.08 | 12177 | 12177 |
| | 110 | 10 | 440 | 409.86 | 10213 | 10213 |
| | 111 | 11 | 742 | 691.17 | 12687 | 12687 |
| | 112 | 12 | 552 | 514.19 | 11034 | 11034 |
| Control rod elements | 113 | 1 | 268 | 249.64 | 7363 | 7363 |
| 90-R1801-210 | 114 | 2 | 206 | 191.89 | 6630 | 6630 |
| | 115 | 3 | 377 | 351.18 | 6121 | 6121 |
| | 116 | 4 | 280 | 260.82 | 5278 | 5278 |
| | 117 | 5 | 427 | 397.75 | 6371 | 6371 |
| | 118 | 6 | 320 | 298.08 | 5616 | 5616 |
| | 119 | 7 | 489 | 455.50 | 6338 | 6338 |
| | 120 | 8 | 373 | 347.45 | 5682 | 5682 |
| | 121 | 9 | 348 | 324.16 | 6928 | 6928 |
| | 122 | 10 | 250 | 232.88 | 5811 | 5811 |
| | 123 | 11 | 422 | 393.09 | 7218 | 7218 |
| | 124 | 12 | 314 | 292.49 | 6278 | 6278 |

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| Short control rod | 125 | 2 | 150 | 139.73 | 4844 | 4844 |
| elements | 126 | 4 | 905 | 843.01 | 3856 | 3856 |
| 90-R1801-310 | 127 | 6 | 234 | 217.97 | 4103 | 4103 |
| | 128 | 8 | 272 | 253.37 | 4152 | 4152 |
| | 129 | 10 | 183 | 170.46 | 4246 | 4246 |
| | 130 | 12 | 229 | 213.31 | 4587 | 4587 |
| Fuel element | 131 | 1 | 470 | 437.81 | 12941 | 12941 |
| 90-R1801-410 | 132 | 5 | 751 | 699.56 | 11198 | 11198 |
| | 133 | 7 | 869 | 809.47 | 11140 | 11140 |
| | 134 | 9 | 612 | 570.08 | 12177 | 12177 |
| | 135 | 11 | 742 | 691.17 | 12687 | 12687 |
| Fuel elements with | 136 | 1 | 318 | - - - | 8751 | - - - |
| buffer | | 13 | 118 | 406.13 | 4781 | 13532 |
| 90-R1801-510 | 137 | 2 | 245 | - - - | 7880 | - - - |
| | | 13 | 139 | 357.70 | 4781 | 12661 |
| | 138 | 7 | 582 | - - - | 7534 | - - - |
| | | 13 | 139 | 671.61 | 4781 | 12315 |
| | 139 | 8 | 443 | - - - | 6753 | - - - |
| | | 13 | 139 | 542.13 | 4781 | 11534 |
| | 140 | 11 | 502 | - - - | 8579 | - - - |
| | | 13 | 139 | 597.09 | 4781 | 13360 |
| | 141 | 12 | 373 | - - - | 7462 | - - - |
| | | 13 | 139 | 476.93 | 4781 | 12243 |

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| 90-RI801-520 | 142 | 1 | 376 | - - - | 10338 | - - - |
| | | 13 | 86 | 430.35 | 2970 | 13308 |
| | 143 | 2 | 289 | - - - | 9309 | - - - |
| | | 13 | 86 | 349.31 | 2970 | 12279 |
| | 144 | 7 | 687 | - - - | 8900 | - - - |
| | | 13 | 86 | 720.05 | 2970 | 11870 |
| | 145 | 8 | 524 | - - - | 7978 | - - - |
| | | 13 | 86 | 568.22 | 2970 | 10948 |
| | 146 | 11 | 593 | - - - | 10135 | - - - |
| | | 13 | 86 | 632.49 | 2970 | 13105 |
| | 147 | 12 | 441 | - - - | 8815 | - - - |
| | | 13 | 86 | 490.90 | 2970 | 11785 |
| 90-R1801-530 | 148 | 1 | 260 | - - - | 7140 | - - - |
| | | 13 | 193 | 421.97 | 6620 | 13760 |
| | 149 | 2 | 199 | - - - | 6429 | - - - |
| | | 13 | 193 | 365.15 | 6620 | 13049 |
| | 150 | 7 | 474 | - - - | 6146 | - - - |
| | | 13 | 193 | 621.31 | 6620 | 12766 |
| | 151 | 8 | 361 | - - - | 5510 | - - - |
| | | 13 | 193 | 516.05 | 6620 | 12130 |
| | 152 | 11 | 409 | - - - | 7000 | - - - |
| | | 13 | 193 | 560.76 | 6620 | 13620 |
| | 153 | 12 | 304 | - - - | 6088 | - - - |
| | | 13 | 193 | 462.96 | 6620 | 12708 |

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| 90-R1801-540 | 154 | 1 | 318 | - - - | 8751 | - - - |
| | | 13 | 139 | 425.70 | 4781 | 13532 |
| | 155 | 2 | 245 | - - - | 7880 | - - - |
| | | 13 | 139 | 357.70 | 4781 | 12661 |
| | 156 | 7 | 582 | - - - | 7534 | - - - |
| | | 13 | 139 | 671.61 | 4781 | 12315 |
| | 157 | 8 | 443 | - - - | 6753 | - - - |
| | | 13 | 139 | 542.13 | 4781 | 11534 |
| | 158 | 11 | 502 | - - - | 8579 | - - - |
| | | 13 | 139 | 597.09 | 4781 | 13360 |
| | 159 | 12 | 373 | - - - | 7462 | - - - |
| | | 13 | 139 | 476.93 | 4781 | 12243 |
| 90-R1801-550 | 160 | 1 | 260 | - - - | 7164 | - - - |
| | | 13 | 193 | 421.97 | 6591 | 13755 |
| | 161 | 2 | 199 | - - - | 6452 | - - - |
| | | 13 | 193 | 365.15 | 6591 | 13043 |
| | 162 | 7 | 475 | - - - | 6168 | - - - |
| | | 13 | 193 | 622.24 | 6591 | 12759 |
| | 163 | 8 | 362 | - - - | 5529 | - - - |
| | | 13 | 193 | 516.98 | 6591 | 12120 |
| | 164 | 11 | 410 | - - - | 7025 | - - - |
| | | 13 | 193 | 561.69 | 6591 | 13616 |
| | 165 | 12 | 305 | - - - | 6110 | - - - |
| | | 13 | 193 | 463.89 | 6591 | 12701 |

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| Control rod elements with buffer composition 90-R1801-610 | 166 | 13 | 245 | 228.22 | 8402 | 8402 |
| Short control rod elements with buffer composition 90-R1801-710 | 167 | 13 | 179 | 166.74 | 6139 | 6139 |
| Surveillance fuel elements 90-R1801-810 | 168 | 1 | 470 | 437.81 | 12941 | 12941 |
| | 169 | 2 | 361 | 336.27 | 11652 | 11652 |
| | 170 | 3 | 663 | 617.58 | 10757 | 10757 |
| | 171 | 4 | 493 | 459.23 | 9276 | 9276 |
| | 171 | 5 | 751 | 699.56 | 11198 | 11198 |
| | 173 | 6 | 562 | 523.50 | 9871 | 9871 |
| | 174 | 9 | 612 | 570.08 | 12177 | 12177 |
| | 175 | 10 | 440 | 409.86 | 10213 | 10213 |
| Surveillance control elements 90-R1801-820 | 176 | 1 | 268 | 249.64 | 7363 | 7363 |
| | 177 | 5 | 427 | 397.75 | 6371 | 6371 |
| | 178 | 9 | 348 | 324.16 | 6928 | 6928 |
| Surveillance fuel elements with buffer composition 90-R1801-830 | 179 | 7 | 474 | - - - | 6146 | - - - |
| | | 13 | 193 | 621.31 | 6620 | 12766 |
| | 180 | 11 | 409 | - - - | 7000 | - - - |
| | | 13 | 193 | 560.76 | 6620 | 13620 |

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| Neutron source fuel element 90-R1801-120 | 181 | 5 | 751 | 699.56 | 11198 | 11198 |
| Fuel elements | 182 | 14 | 959 | 893.31 | 11130 | 11130 |
| 90-R1802-110 | 183 | 15 | 573 | 533.75 | 8421 | 8421 |
| | 184 | 16 | 1,174 | 1093.58 | 11418 | 11418 |
| | 185 | 17 | 701 | 652.98 | 8660 | 8660 |
| Control rod elements | 186 | 14 | 546 | 508.60 | 6333 | 6333 |
| 90-R1802-210 | 187 | 15 | 326 | 303.67 | 4791 | 4791 |
| | 188 | 16 | 668 | 622.24 | 6497 | 6497 |
| | 189 | 17 | 399 | 371.67 | 4927 | 4927 |
| Bottom control rod | 190 | 17 | 291 | 271.07 | 3600 | 3600 |
| element | 191 | 15 | 238 | 221.70 | 3500 | 3500 |
| 90-R1802-310 | | | | | | |
| Control rod element 90-R1802-610 | 192 | 18 | 355 | 330.68 | 7505 | 7505 |
| Bottom control rod element 90-R1802-710 | 193 | 18 | 259 | 241.26 | 5483 | 5483 |
| Fuel element assembly | 194 | 16 | 794 | - - - | 77122 | - - - |
| with buffer | | 18 | 202 | 927.77 | 4271 | 81393 |
| 90-R1802-510 | 195 | 17 | 474 | - - - | 5856 | - - - |
| | | 18 | 202 | 629.69 | 4271 | 10127 |

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| Fuel element assembly | 196 | 16 | 938 | - - - | 9121 | - - - |
| with buffer | | 18 | 125 | 990.18 | 2653 | 11774 |
| 1-0-R1802-520 | 197 | 17 | 560 | - - - | 6918 | - - - |
| | | 18 | 125 | 638.08 | 2653 | 9571 |
| Fuel element assembly | 198 | 16 | 648 | - - - | 6300 | - - - |
| with buffer | | 18 | 280 | 864.43 | 5913 | 12213 |
| 90-R1802-530 | 199 | 17 | 387 | - - - | 4778 | - - - |
| | | 18 | 280 | 621.31 | 5913 | 10691 |
| Fuel element assembly | 200 | 16 | 794 | - - - | 7722 | - - - |
| with buffer | | 18 | 202 | 927.77 | 4271 | 11993 |
| 90-R1802-540 | 201 | 17 | 474 | - - - | 5856 | - - - |
| | | 18 | 202 | 629.69 | 4271 | 10127 |
| Fuel element assembly | 202 | 16 | 650 | - - - | 6322 | - - - |
| with buffer | | 18 | 278 | 864.43 | 5888 | 12210 |
| 90-R1802-550 | 203 | 17 | 388 | - - - | 4794 | - - - |
| | | 18 | 278 | 620.38 | 5888 | 10682 |
| Fuel element assembly with neutron source Location 90-R1802-120 | 204 | 14 | 959 | 893.31 | 11130 | 11130 |
| FSV fuel test element numbers FTE-7 and FTE-8 90-R1802-190 | 209 | 14 | 940 | 875.61 | 11105 | 11105 |

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| Fuel elements | 210 | 19 | 1,021 | 951.06 | 10837 | 10837 |
| 90-R1803-110 | 211 | 20 | 620 | 577.53 | 8770 | 8770 |
| | 212 | 21 | 1,259 | 1172.76 | 11025 | 11025 |
| | 213 | 22 | 755 | 703.28 | 9145 | 9145 |
| | 214 | 18 | 42 | - - - | 884 | - - - |
| | | 19 | 953 | 926.84 | 10110 | 10994 |
| Control rod elements | 215 | 19 | 581 | 541.20 | 6166 | 6166 |
| 90-RI803-210 | 216 | 20 | 353 | 328.82 | 4990 | 4990 |
| | 217 | 21 | 716 | 666.95 | 6273 | 6273 |
| | 218 | 14 | 509 | - - - | 5900 | - - - |
| | | 19 | 39 | 510.46 | 415 | 6315 |
| Fuel element assembly | 219 | 18 | 42 | - - - | 884 | - - - |
| with neutron source | | 19 | 953 | 926.84 | 10110 | 10994 |
| location | | | | | | |
| 90-R1803-120 | | | | | | |
| Bottom control rod | 220 | 20 | 258 | 240.33 | 3646 | 3646 |
| element | 221 | 22 | 314 | 292.49 | 3802 | 3802 |
| 90-RI803-310 | | | | | | |
| Fuel element assembly | 222 | 23 | 946 | 881.20 | 12465 | 12465 |
| 90-R1803-510 | 223 | 24 | 567 | 528.16 | 9741 | 9741 |
| Control rod element | 224 | 23 | 538 | 501.15 | 7092 | 7092 |
| 90-R1803-610 | 225 | 24 | 323 | 300.87 | 5542 | 5542 |

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| Bottom control rod element 90-R1803-710 | 226 | 24 | 236 | 219.83 | 4049 | 4049 |
| Fuel elements 90-R1804-110 | | | | | | |
| (a) | 227 | 26 | 1,093 | 1018.13 | 10837 | 10837 |
| (a) | 228 | 27 | 664 | 618.52 | 8770 | 8770 |
| (b) | 229 | 28 | 1,347 | 1254.73 | 11025 | 11025 |
| (b) | 230 | 29 | 808 | 752.65 | 9145 | 9145 |
| (b) | 231 | 30 | 1,012 | 942.68 | 12465 | 12465 |
| (b) | 232 | 31 | 608 | 566.35 | 9741 | 9741 |
| Control rod elements 90-R1804-210 | | | | | | |
| (a) | 233 | 26 | 622 | 579.39 | 6166 | 6166 |
| (a) | 234 | 27 | 378 | 352.11 | 4990 | 4990 |
| (b) | 235 | 28 | 766 | 713.53 | 6273 | 6273 |
| (b) | 236 | 29 | 460 | 428.49 | 5903 | 5903 |
| (b) | 237 | 30 | 576 | 536.54 | 7092 | 7092 |
| (b) | 238 | 31 | 346 | 322.30 | 5542 | 5542 |
| Bottom control rod elements 90-R1804-310 | | | | | | |
| (a) | 239 | 27 | 276 | 257.09 | 3646 | 3646 |
| (b) | 240 | 29 | 336 | 312.98 | 3802 | 3802 |
| (b) | 241 | 31 | 253 | 235.67 | 4049 | 4049 |

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| Fuel element with neutron source 90-R1804-120 (b) | 242 | 28 | 1,347 | 1254.73 | 11025 | 11025 |
| Fuel Element 90-R1805-110 | 243 | 32 | 1,200 | 1117.80 | 10837 | 10837 |
| | 244 | 33 | 692 | 644.60 | 88770 | 88770 |
| | 245 | 34 | 1,485 | 1383.28 | 11025 | 11025 |
| | 246 | 35 | 839 | 781.53 | 9145 | 9145 |
| | 247 | 36 | 1,137 | 1059.12 | 12497 | 12497 |
| | 248 | 37 | 617 | 574.74 | 9741 | 9741 |
| | 249 | 32 | 1,126 | - - - | 10172 | - - - |
| | | 26 | 67 | 1111.28 | 664 | 10836 |
| | 250 | 33 | 650 | - - - | 8232 | - - - |
| | | 27 | 41 | 643.67 | 5381 | 13613 |
| | 251 | 34 | 1,394 | - - - | 10349 | - - - |
| | | 28 | 83 | 1375.83 | 676 | 11025 |
| | 252 | 35 | 788 | - - - | 8585 | - - - |
| | | 29 | 50 | 780.60 | 561 | 9146 |
| | 253 | 36 | 1,067 | - - - | 11731 | - - - |
| | | 30 | 62 | 1051.66 | 764 | 12495 |
| | 254 | 37 | 579 | - - - | 9143 | - - - |
| | | 31 | 37 | 573.80 | 597 | 9740 |

| Element Description and Assembly Drawing Number | Assembly Type Number | Fuel Blend Number | Uranium Load in Each Element (g)* | BOL U-235 in Each Element @ 93.15 % (g)* | Thorium Load in Each Element (g)* | BOL Th Load in Each Element (g)* |
|---|---|---|---|---|---|---|
| Control Rod Elements | 255 | 32 | 683 | 636.21 | 6166 | 6166 |
| 90-R1805-210 | 256 | 33 | 394 | 367.01 | 4990 | 4990 |
| | 257 | 34 | 845 | 787.12 | 6273 | 6273 |
| | 258 | 35 | 478 | 445.26 | 5203 | 5203 |
| | 259 | 36 | 647 | 602.68 | 7110 | 7110 |
| | 260 | 37 | 351 | 326.96 | 5542 | 5542 |
| Bottom Control | 261 | 33 | 288 | 268.27 | 3646 | 3646 |
| Rod Elements | 262 | 35 | 349 | 325.09 | 3802 | 3802 |
| 9-R1805-310 | 263 | 37 | 256 | 238.46 | 4049 | 4049 |
| Fuel Element with Neutron Source 90-R1805-120 | 264 | 32 | 1,200 | 1117.80 | 10837 | 10837 |

(a)Graphite H-451.

(b)Graphite H-327.

*For two blend elements the loading is given for each blend.

# Appendix D: FSVR Fuel Element Maximum Thermal Power

**Table D-1.** FSVR Fuel Element Maximum Thermal Power [Ref. 12]

| | | Spent Fuel Database - | Fission Products Isotope Report |
|---|---|---|---|
| | | | 2010 & 2030 Data |
| Fuel Record ID: | | 86 | 85 |
| Fuel Record Name: | | @ Ft. St. Vrain | @ INEEL |
| MTHM: | | 14.72945 | 8.6243 |

| Isotope | half-life (years)[c] | Thermal (watts/Ci)[d] | year 2000 (total curies) (by calculation)[a] | year 2000 (total watts) | year 2010 (total curies) (from template)[b] | year 2010 (total watts) | year 2020 (total curies) (by calculation)[a] | year 2020 (total watts) | year 2030 (total curies) (from template)[b] | year 2030 (total watts) |
|---|---|---|---|---|---|---|---|---|---|---|
| C-14 | 8.73E+03 | 2.933E-04 | 6.5303E+01 | 1.9153E-02 | 6.5251E+01 | 1.9138E-02 | 6.5199E+01 | 1.9123E-02 | 6.5093E+01 | 1.9092E-02 |
| Cl-36 | 3.01E+05 | 1.475E-03 | 7.6987E-01 | 1.1356E-03 | 7.6985E-01 | 1.1355E-03 | 7.6983E-01 | 1.1355E-03 | 7.6982E-01 | 1.1355E-03 |
| Ni-59 | 7.60E+04 | 3.972E-05 | 5.3717E-00 | 2.1336E-04 | 5.3712E+00 | 2.1334E-04 | 5.3707E-00 | 2.1332E-04 | 5.3702E+00 | 2.1330E-04 |
| Ni-63 | 1.00E+02 | 1.008E-04 | 1.4557E+02 | 1.4673E-02 | 1.3582E+02 | 1.3691E-02 | 1.2673E+02 | 1.2774E-02 | 1.1826E+02 | 1.1921E-02 |
| Se-79 | 6.50E+04 | 2.490E-04 | 8.3091E-00 | 2.0690E-03 | 8.3082E+00 | 2.0687E-03 | 8.3073E-00 | 2.0685E-03 | 8.3064E+00 | 2.0683E-03 |
| Sr-90 | 2.91E+01 | 1.161E-03 | 1.1956E+06 | 1.3881E+03 | 9.422E+05 | 1.0939E+03 | 7.4252E+05 | 8.6206E+02 | 5.7928E+05 | 6.7254E+02 |
| Y-90 | 7.31E-03 | 5.543E-03 | 1.2000E+06 | 6.6516E+03 | 9.422E+05 | 5.2226E+03 | 7.4252E+05 | 4.1158E+03 | 5.7928E+05 | 3.2109E+03 |
| Zr-93 | 1.50E+06 | 1.162E-04 | 3.3713E+02 | 3.9175E-02 | 3.3713E+02 | 3.9175E-02 | 3.3713E+02 | 3.9174E-02 | 3.3713E+02 | 3.9175E-02 |
| Nb-93M | 1.61E+01 | 1.772E-04 | 3.2852E-06 | 5.8214E-10 | 3.2852E-06 | 5.8214E-10 | 3.2852E-06 | 5.8214E-10 | 3.2852E-06 | 5.8214E-10 |
| Tc-99 | 2.13E+05 | 5.015E-04 | 2.1053E+02 | 1.0558E-01 | 2.1052E+02 | 1.0558E-01 | 2.1051E+02 | 1.0557E-01 | 2.1051E+02 | 1.0557E-01 |
| Pd-107 | 6.50E+06 | 5.928E-05 | 2.4423E-01 | 1.4478E-05 | 2.4423E-01 | 1.4478E-05 | 2.4423E-01 | 1.4478E-05 | 2.4423E-01 | 1.4478E-05 |
| Sn-126 | 1.00E+05 | 1.247E-03 | 3.3908E-00 | 4.2284E-03 | 3.3906E+00 | 4.2281E-03 | 3.3904E-00 | 4.2278E-03 | 3.3901E+00 | 4.2275E-03 |
| I-129 | 1.57E+07 | 4.626E-04 | 6.0366E-01 | 2.7925E-04 | 6.0366E-01 | 2.7925E-04 | 6.0366E-01 | 2.7925E-04 | 6.0366E-01 | 2.7925E-04 |
| Cs-135 | 2.30E+06 | 3.338E-04 | 3.9595E-00 | 1.3217E-03 | 3.9595E+00 | 1.3217E-03 | 3.9595E-00 | 1.3217E-03 | 3.9595E+00 | 1.3217E-03 |
| Cs-137 | 3.02E+01 | 1.106E-03 | 1.2508E+06 | 1.3833E+03 | 9.9405E+05 | 1.0994E+03 | 7.9002E+05 | 8.7377E+02 | 6.2641E+05 | 6.9281E+02 |
| Ba-137m | 4.85E-06 | 3.927E-03 | 1.2500E+06 | 4.9088E+03 | 9.9405E+05 | 3.9036E+03 | 7.9022E+05 | 3.1032E+03 | 6.2641E+05 | 2.4599E+03 |
| Sm-151 | 9.00E+01 | 1.173E-04 | 1.6906E+04 | 1.9831E-00 | 1.5653E+04 | 1.8361E-00 | 1.4493E+04 | 1.7000E-00 | 1.3432E+04 | 1.5756E-00 |
| Pb-210* | 2.23E+01 | 2.317E-04 | 4.9949E-04 | 1.1573E-07 | 8.1456E-04 | 1.8873E-07 | 1.1296E-03 | 2.6174E-07 | 1.4447E-03 | 3.3474E-07 |
| Ra-226* | 1.60E+03 | 2.888E-02 | 5.2362E-04 | 1.5122E-05 | 8.5551E-04 | 2.4707E-05 | 1.1874E-03 | 3.4292E-05 | 1.5193E-03 | 4.3877E-05 |
| Ra-228* | 5.76E-00 | 7.707E-05 | 6.4408E-00 | 4.9639E-04 | 1.9336E+00 | 1.4902E-04 | 1.9778E-00 | 1.5243E-04 | 2.0219E+00 | 1.5583E-04 |
| Th-229* | 7.30E+03 | 3.059E-02 | 2.7239E-00 | 8.3323E-02 | 4.6581E+00 | 1.4249E-01 | 6.5924E-00 | 2.0166E-01 | 8.5266E+00 | 2.6083E-01 |
| Th-230* | 7.54E+04 | 2.830E-02 | 2.3392E-01 | 6.6199E-03 | 3.5645E-01 | 1.0088E-02 | 4.7898E-01 | 1.3555E-02 | 6.0151E-01 | 1.7023E-02 |
| Th-232 | 1.40E+10 | 2.421E-02 | 1.5451E-00 | 3.7407E-02 | 1.5451E+00 | 3.7407E-02 | 1.5451E-00 | 3.7407E-02 | 1.5451E+00 | 3.7407E-02 |
| Pa-231* | 3.28E+04 | 3.013E-02 | 5.6472E-00 | 1.7015E-01 | 5.6473E+00 | 1.7015E-01 | 5.6475E-00 | 1.7016E-01 | 5.6476E+00 | 1.7016E-01 |

**Spent Fuel Database - Fission Products Isotope Report**

**2010 & 2030 Data**

| | | |
|---|---|---|
| Fuel Record ID: | 86 | 85 |
| Fuel Record Name: | @ Ft. St. Vrain | @ INEEL |
| MTHM: | 14.72945 | 8.6243 |

| Isotope | half-life (years)[c] | Thermal (watts/Ci)[d] | year 2000 (total curies) (by calculation)[a] | year 2000 (total watts) | year 2010 (total curies) (from template)[b] | year 2010 (total watts) | year 2020 (total curies) (by calculation)[a] | year 2020 (total watts) | year 2030 (total curies) (from template)[b] | year 2030 (total watts) |
|---|---|---|---|---|---|---|---|---|---|---|
| U-233 | 1.59E+05 | 2.907E-03 | 2.0508E+03 | 5.9616E-00 | 2.0507E+03 | 5.9614E-00 | 2.0506E+03 | 5.9611E-00 | 2.0506E+03 | 5.9611E-00 |
| U-234 | 2.46E+05 | 2.880E-02 | 1.6099E+02 | 4.6366E-00 | 1.6099E+02 | 4.6365E-00 | 1.6099E+02 | 4.6364E-00 | 1.6098E+02 | 4.6362E-00 |
| U-235 | 7.04E+08 | 2.619E-02 | 5.8667E-01 | 1.5365E-02 | 5.8667E-01 | 1.5365E-02 | 5.8667E-01 | 1.5365E-02 | 5.8667E-01 | 1.5365E-02 |
| U-236 | 2.34E+07 | 2.709E-02 | 5.8632E-00 | 1.5883E-01 | 5.8632E+00 | 1.5883E-01 | 5.8632E-00 | 1.5883E-01 | 5.8632E+00 | 1.5883E-01 |
| U-238 | 4.47E+09 | 2.537E-02 | 1.5267E-02 | 3.8732E-04 | 1.5267E-02 | 3.8732E-04 | 1.5267E-02 | 3.8732E-04 | 1.5627E-02 | 3.9646E-04 |
| Np-237 | 2.14E+06 | 3.057E-02 | 4.3181E-00 | 1.3200E-01 | 4.3181E+00 | 1.3200E-01 | 4.3181E-00 | 1.3200E-01 | 4.3181E+00 | 1.3200E-01 |
| Pu-238 | 8.77E+01 | 3.314E-02 | 2.4799E+04 | 8.2185E+02 | 2.2915E+04 | 7.5940E+02 | 2.1174E+04 | 7.0170E+02 | 1.9571E+04 | 6.4858E+02 |
| Pu-239 | 2.41E+04 | 3.082E-02 | 5.9872E+01 | 1.8453E-00 | 5.9855E+01 | 1.8447E-00 | 5.9838E+01 | 1.8442E-00 | 5.9820E+01 | 1.8437E-00 |
| Pu-240 | 6.56E+03 | 3.114E-02 | 1.0647E+02 | 3.3156E-00 | 1.0636E+02 | 3.3121E-00 | 1.0625E+02 | 3.3086E-00 | 1.0614E+02 | 3.3052E-00 |
| Am-241 | 4.33E+02 | 3.322E-02 | 1.0308E+03 | 3.4242E+01 | 1.0144E+03 | 3.3698E+01 | 9.9828E+02 | 3.3163E+01 | 9.8245E+02 | 3.2637E+01 |
| Am-242M | 1.41E+02 | 3.950E-04 | 1.4322E-01 | 5.6572E-05 | 1.3635E-01 | 5.3858E-05 | 1.2981E-01 | 5.1275E-05 | 1.2360E-01 | 4.8822E-05 |
| Am-243 | 7.37E+03 | 3.215E-02 | 7.4055E-00 | 2.3809E-01 | 7.3985E+00 | 2.3786E-01 | 7.3915E-00 | 2.3764E-01 | 7.3847E+00 | 2.3742E-01 |
| Cm-244 | 1.81E+01 | 3.498E-02 | 4.9595E+02 | 1.7348E+01 | 3.3817E+02 | 1.1829E+01 | 2.3059E+02 | 8.0660E-00 | 1.5729E+02 | 5.5020E-00 |
| Cm-245 | 8.50E+03 | 3.319E-02 | 6.7002E-02 | 2.2238E-03 | 6.6947E-02 | 2.2220E-03 | 6.6892E-02 | 2.2202E-03 | 6.6838E-02 | 2.2184E-03 |
| Cm-246 | 4.76E+03 | 3.274E-02 | 1.9231E-02 | 6.2962E-04 | 1.9203E-02 | 6.2871E-04 | 1.9175E-02 | 6.2779E-04 | 1.9147E-02 | 6.2687E-04 |
| Total watts | | | | **3.5554E+05** | | **2.8359E+05** | | **2.2691E+05** | | **1.8079E+05** |
| Watts/canister | | | | **8.0438E+02** | | **6.4160E+02** | | **5.1338E+02** | | **4.0903E+02** |

* Isotopes subject to 'ingrowth' because of 'parent' decay; 'calculated' concentrations (2000 & 2020) from year 2010 values

** Average MTHM per standard canister: (14.72945 [off-site] + 8.6423 [INEEL] MTHM / 442 canisters ~ 0.0529 MTHM / canister

a. Based on half-life value and year 2010 template values

b. Template values from integrated spent fuel database

c. Half-lives from Chart of the Nuclides, GE Nuclear Energy, 15th Edition, 1996

d. DOE/RW-184-R1, Characteristics of Potential Repository Wastes, July 1992