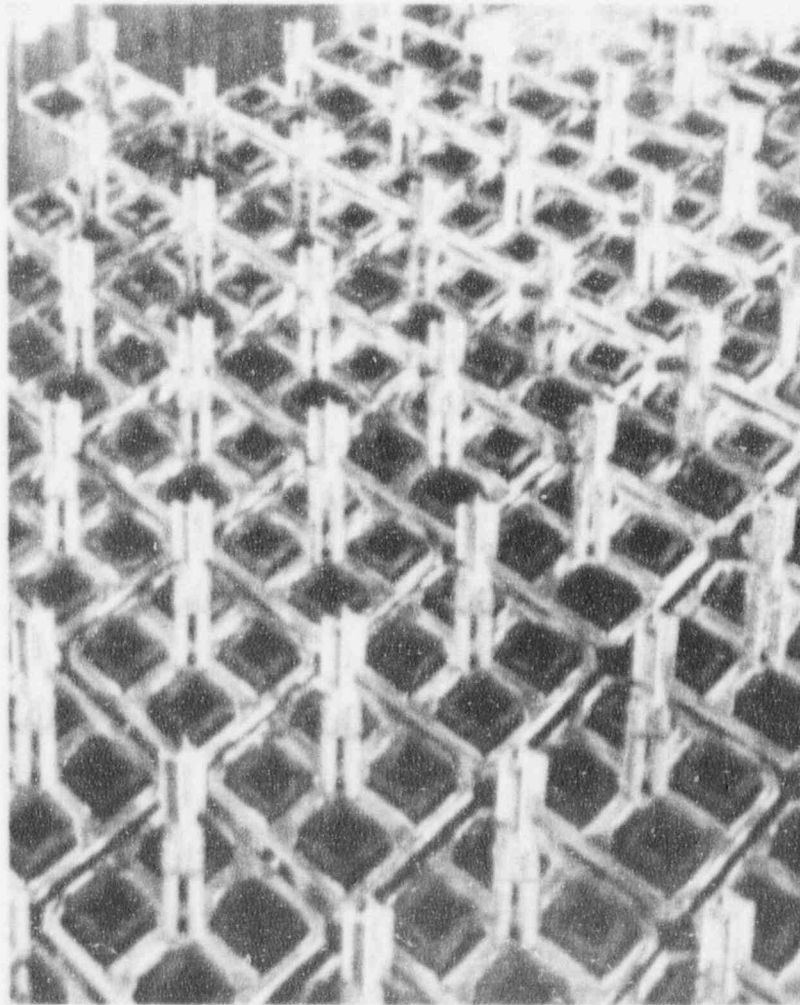


Spent Fuel Storage Requirements

An Update of DOE/RL-84-1



October 1985

Department of Energy
Richland Operations Office



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Printed in the United States of America
Available from
National Technical Information Service
United States Department of Commerce
5285 Port Royal Road
Springfield, Virginia 22161

NTIS Price Codes
Microfiche A01

Printed Copy

Pages	Price Codes
001-025	A02
026-050	A03
051-075	A04
076-100	A05
101-125	A06
126-150	A07
151-175	A08
176-200	A09
201-225	A010
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276-300	A013

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U.S. Department of Energy
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CONTENTS

1.0 INTRODUCTION.....	1.1
2.0 SUMMARY.....	2.1
2.1 RESULTS.....	2.1
2.2 COMPARISON WITH PREVIOUS RESULTS.....	2.3
3.0 DISCUSSION.....	3.1
3.1 METHOD OF CALCULATION.....	3.1
3.2 FACTORS AFFECTING STORAGE REQUIREMENTS.....	3.1
3.3 CONDITIONS ASSUMED FOR THE CASES ANALYZED.....	3.3
3.4 ADDITIONAL SPENT FUEL STORAGE REQUIREMENTS.....	3.5
3.5 UTILITY ACTIONS/COMPARISON WITH PREVIOUS RESULTS.....	3.8
3.6 RECONCILIATION OF SPENT FUEL INVENTORIES.....	3.12
REFERENCES.....	R.1
APPENDIX.....	A.1

FIGURES

2.1	Additional Spent Fuel Storage Requirements (December 31, 1984, data).....	2.2
2.2	Additional Spent Fuel Storage Requirements: Extended Fuel Exposure (December 31, 1984, data).....	2.3
2.3	Comparisons of Annual Projections of Additional Spent Fuel Storage Requirements	2.4
3.1	Projected Cumulative Spent Fuel Discharges--Comparison of DOE/EIA Scenarios and the Utility Projections.....	3.8

TABLES

3.1(a-e)	Additional Spent Fuel Storage Requirements.....	3.6
3.2	Projected Cumulative Spent Fuel Discharges--Comparison of DOE/EIA Scenarios and Utility Projections.....	3.9
3.3	Reactors Without FCR as of December 31, 1984.....	3.9
3.4	Changes in Maximum Storage Pool Capacities, Assemblies	3.10
3.5	Spent Fuel Inventory Reconciliation (as of December 31, 1984)....	3.13
A.1	Nuclear Power Plant Data.....	A.1
A.2	1984 Inventory and Projected Annual Reactor Discharges.....	A.4
A.3	1984 Inventory and Projected Cumulative Reactor Discharges.....	A.10
A.4	Projected Annual Storage Requirements - Maximum AR Capacity.....	A.16
A.5	Projected Cumulative Storage Requirements - Maximum AR Capacity.....	A.18
A.6	Projected Annual Storage Requirements - Maximum Capacity with Intra-Utility Transshipment.....	A.20
A.7	Projected Cumulative Storage Requirements - Maximum Capacity with Intra-Utility Transshipment.....	A.22

1.0 INTRODUCTION

Spent fuel storage capacities at some commercial light water reactors (LWRs) are inadequate to handle projected spent fuel discharges. This report presents estimates of potential near-term requirements for additional LWR spent fuel storage capacity, based on information supplied by utilities operating commercial nuclear power plants. These estimates provide information needed for planning the Department of Energy's (DOE) activities to be carried out under the DOE's Commercial Spent Fuel Management (CSFM) Program, in conjunction with the requirements of the Nuclear Waste Policy Act of 1982. This report is the latest in a series published by the DOE on LWR spent fuel storage requirements. Previous reports in this series are DOE/RL-84-1⁽¹⁾, DOE/RL-83-1⁽²⁾, DOE/RL-82-1⁽³⁾, DOE/SR-0007⁽⁴⁾, DOE/NE-0002⁽⁵⁾, and DOE/ET-0075⁽⁶⁾.

The estimates in this report cover the period from the present through the year 2000. Although the DOE objective is to begin accepting spent fuel for final disposal in 1998, types of fuel and the receipt rates to be shipped are not yet known.⁽⁷⁾ Hence, this report makes no assumption regarding such fuel shipments. The report also assesses the possible impacts of increased fuel exposure and spent fuel transshipment on the requirements for additional storage capacity.

2.0 SUMMARY

This section describes the cases analyzed in the current study and summarizes the resulting estimates of requirements for additional storage capacity for spent nuclear fuel from commercial LWRs in the United States. A comparison of these results with those of previous studies in this series is also included.

2.1 RESULTS

Estimates of potential near-term requirements for additional spent fuel storage capacity are based on information supplied by the nuclear utilities to the Energy Information Administration (EIA) as of the end of calendar year 1984. Two reference cases were used to develop the estimates. These cases are based on the maximum at-reactor (AR) storage capacities of the individual reactor pools, as determined by the utilities. Both cases include allowances for maintaining full core discharge capability, also referred to as full core reserve (FCR), for each separate reactor. A single FCR is assumed to be maintained for all units at multiple reactor stations employing either a single common spent fuel storage pool, or separate pools with interconnections allowing spent fuel transfer between them. These reference cases directly correspond to cases analyzed in the previous study in this series⁽¹⁾.

The only difference between the two reference cases is in the consideration of transshipment to other reactor sites. The first reference case assumes that transshipments occur only as currently planned by the utilities. The second reference case includes the additional assumption that there are no constraints on transshipments of spent fuel among reactors of like type (i.e., among boiling water reactors [BWRs] or among pressurized water reactors [PWRs]) within a given utility system. This allows unused spent fuel storage capacity at one reactor to offset needs for additional capacity at another reactor in the same utility system, thus delaying the utility's need for additional storage capacity. Such transshipments are included in the spent fuel management plans of several utilities. The two reference cases therefore define a range of potential storage requirements.

A summary of the additional spent fuel storage requirements in the U.S. between 1985 and 2000 is shown in Figure 2.1. The figure is based on the detailed projections of spent fuel storage requirements presented in the Appendix. As shown in the figure, the "maximum AR capacity" case results in the largest requirements for additional storage, with a projected storage shortfall of 9332 Metric Tons Uranium (MTU) (34029 assemblies) in 2000. For the "maximum AR capacity with transshipment" case, intra-utility transshipments are projected to reduce these requirements, to 7919 MTU (29701 assemblies) in 2000.

A variation on the reference case is also examined. This variation is based on the potential reduction of future discharges resulting from improved fuel utilization obtained by increasing the goal exposure of the fuel in the reactor core. This increase in fuel utilization would result in a net decrease

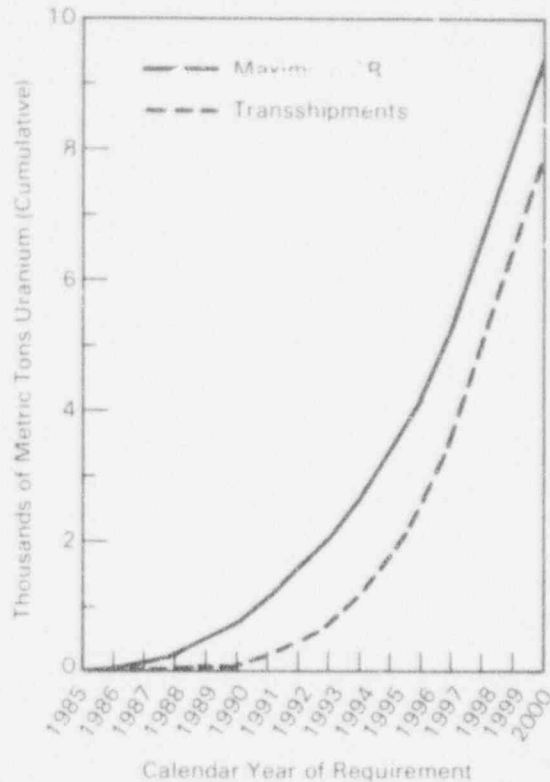


FIGURE 2.1. Additional Spent Fuel Storage Requirements (December 31, 1984, data)

in the overall rate of spent fuel discharges, and thus delay the utilities' needs for additional storage capacity. A simple model was used to estimate the potential impacts of increased fuel utilization. Goal exposures for future operating cycles (starting in 1985) were assumed to increase by a fixed percentage each year at each reactor (up to a maximum limit for each reactor type), resulting in net decreases in spent fuel discharges and, consequently, net decreases in additional storage requirements. Calculations were performed for three possible exposure-increase percentages and compared with the reference case without transshipment. While individual reactors are likely to exhibit unique exposure-increase patterns, the application of a fixed percentage to all reactors provides an adequate model for the purposes of projecting aggregate total discharges.

The net impact of extended fuel exposure on the requirements for additional storage, based on the model used in this analysis, is shown in Figure 2.2. The result is a significant reduction of storage requirements, to 7492 MTU (27275 assemblies) by 2000 for a 1.0% exposure increase per year, compared with the maximum AR case in 2000. Similarly, 2% and 3% per year increases in exposure results in reductions to 5885 MTU (21294 assemblies) or 4742 MTU (17176 assemblies), respectively by 2000. The 2% to 3% per year rate

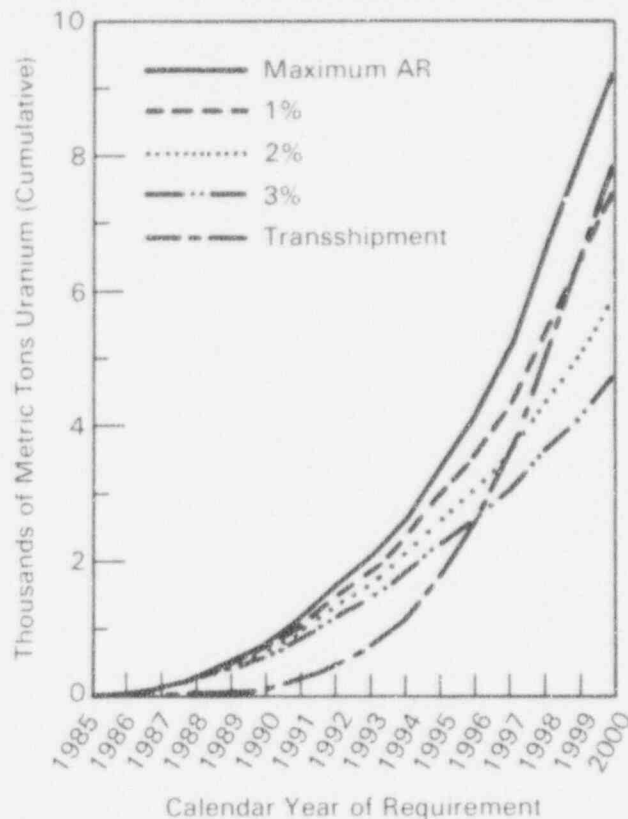


FIGURE 2.2. Additional Spent Fuel Storage Requirements: Extended Fuel Exposure (December 31, 1984, data)

of increase in exposure is consistent with projections in the latest Fuel Performance Annual Report⁽⁸⁾, and historical exposure increases from 1978 through 1984.

2.2 COMPARISON WITH PREVIOUS RESULTS

The projections of additional spent fuel storage requirements in this report are lower than those reported in last year's report. For the maximum AR capacity case, the current projections of additional cumulative storage requirements are about 9332 metric tons of fuel in 2000, as compared with 11419 metric tons previously projected for the same year (although the previous report only presented projections through 1993). Several factors contributed to this decrease in projected additional storage requirements as estimated by the utilities. Prominent among these are:

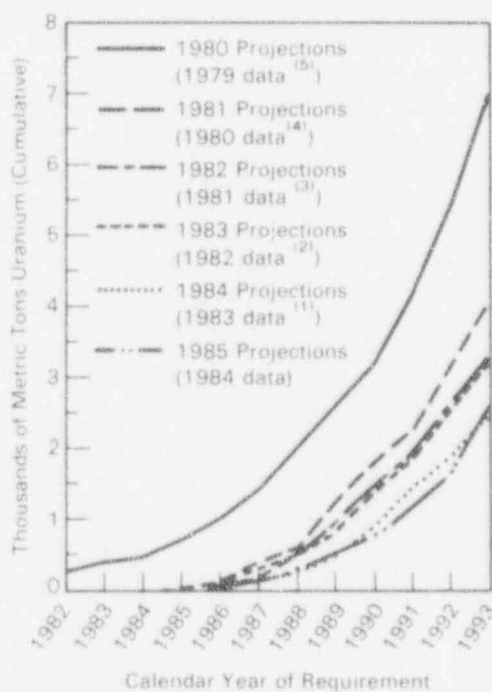
- Increased utilization of fuel cycles with longer periods between discharges, and of innovative cycles involving reuse of previously discharged fuel assemblies, and

- Increased estimates of maximum storage capacity in some reactor pools, caused in part by continued utility use of reracking to increase pool storage capacities.

During 1984 several utilities re-evaluated the maximum capacities of the storage pools at their plants, which in some cases increased the projected maximum capacity, and in others decreased it. The changes at some plants were relatively large, and the net capacity change over all plants was an increase of 4714 assemblies.

The first plant to require additional storage is projected to be Millstone-2 in 1985. In 1986, Surry-1&2 are projected to require additional storage, while in 1987 four additional plants are projected to have storage needs: Palisades, St. Lucie-1, Millstone-1, and Peachbottom-2.

Spent fuel for which storage capability may not be available is projected to accumulate at the rate of 1445 MTU/year in 2000, and to increase at a rate of over 2000 MTU/year by 2003 (not taking into account the quantities accepted by the U.S. government for final disposal beginning in 1998). Figure 2.3 shows



- (1) From DOE/RL-84-1 (DOE 1984).
- (2) From DOE/RL-83-1 (DOE 1983).
- (3) From DOE/RL-82-1 (DOE 1982).
- (4) From DOE/SR-0007 (DOE 1981).
- (5) From DOE/NE-0002 (DOE 1980).

FIGURE 2.3. Comparisons of Annual Projections of Additional Spent Fuel Storage Requirements

a comparison of the projected storage needs from this and previous reports in the series. Although there is a continued decline in near-term requirements, it is evident that there are still significant projected requirements for additional storage capacity over the next decade.

3.0 DISCUSSION

3.1 METHOD OF CALCULATION

The calculations required for this report were performed in a similar manner to those in the previous report⁽¹⁾. Computational procedures were modified only as needed to correspond to the different data collection method. In the previous reports in this series, the data was supplied by the utilities on a voluntary basis. The data for this report was collected by EIA under a mandatory data collection instrument, the RW-859 Spent Fuel Data survey form, which included requests for data in addition to those required for this report.

The data presented here are based on historical records of spent fuel discharges, inventories, and shipments as of the end of December, 1984. The data also include the utilities' estimates as of December, 1984, of plans for future nuclear plant operations and spent fuel discharges. These data provide the bases for the estimates of additional spent fuel storage requirements presented in this report.

3.2 FACTORS AFFECTING STORAGE REQUIREMENTS

The projections of future requirements for additional spent fuel storage capacity can be affected by many factors associated with nuclear power plant operation. The primary factors are discussed below.

Increased At-Reactoer Storage Capacity

Spent fuel storage capacities supplied by the utilities were used to develop the projections of additional storage capacity requirements presented in this report. The "maximum AR capacities" used in the analyses included allowances only for technologies currently licensed by the Nuclear Regulatory Commission (NRC) (i.e., reracking). Several demonstration programs are in progress relating to currently unlicensed technologies. Only the fuel presently scheduled to be utilized in these demonstration programs was included in calculating storage capacity adjustments. Follow-on programs are mentioned in Section 3.5 of this report.

Several utilities are investigating the possibility of increasing their existing pool storage capacity by using rod consolidation. This technique, when licensed, could increase the maximum pool storage capacity at some plants by a factor of 1.5 to 2 above that attainable using currently licensed methods. However, the applicability of this dense-storage technology at any given reactor may be limited because of possible structural and seismic constraints.

Similarly, a number of utilities have expressed interest in supplementing pool storage of fuel with onsite dry storage in large-capacity metal casks or concrete silos. Use of such dry storage technologies could significantly decrease the requirements for additional spent fuel storage capacity and is likely to be a major factor in meeting the additional storage requirements

indicated through 2000. However, like rod consolidation, dry storage technologies are still being developed and are not yet licensed by the NRC; therefore, except for the active DOE cooperative demonstration programs, they were not considered in projecting the available storage capacity used to derive the projected additional storage requirements.

Reactor Fuel Cycles

Utilities normally project reactor operating cycles for several years into the future. These projections, which form the bases for the projected patterns of spent fuel discharges used in this report, are usually based on a defined reactor operating "norm." Future circumstances resulting in changes from this norm may affect both the timing and the quantities of fuel discharges.

In addition, many utilities are moving toward increased utilization of the fuel, either by adopting modified fuel cycles involving longer periods between discharges resulting in increased fuel exposure, or by re-inserting previously discharged fuel to "balance out" new fuel loads.⁽⁸⁾ The net result of this increased fuel utilization is a reduction in the amount of spent fuel discharged.

Offsite Transshipments

Some utilities plan to ship fuel between reactor pools at different sites; this transshipment may be undertaken to delay the need for additional storage within a utility system. In some instances, transshipments have been barred by state laws or local ordinances. Court challenges to these legal impediments are underway, but the results are not yet final. Transshipment also requires NRC licensing, a process which can take considerable time. Thus, there is uncertainty regarding the wide-spread use of transshipments, although they are currently being used in some cases to provide temporary relief from storage problems. Analyses of the possible impacts of transshipment on the requirements for additional spent fuel storage are included in this report.

Some of the utilities may be planning on either shipping fuel to an off-site storage facility or receiving fuel from an offsite storage facility. These plans are not made public until after the shipments have been completed because of safeguards considerations; specifically, the quantities and dates of shipments are withheld. These shipments will affect inventories at several currently operating reactors. Shipments are planned from West Valley to several utilities to remove the remaining fuel from the West Valley basin. In this report it is assumed that the following shipments will be made from West Valley: 81 assemblies to Ginna during 1985, 224 assemblies to Oyster Creek during 1985, and 125 assemblies to the Idaho National Engineering Laboratory (INEL) during 1985 (this shipment consists of 85 Big Rock Point and 40 Ginna assemblies). Also, a total of 1058 assemblies are planned to be shipped from Monticello to the GE Fuel Storage Facility at Morris, Illinois between 1984 and 1989 (with 72 shipped during 1984). As part of the DOE cooperative demonstration program 117 assemblies are planned to be shipped from Surry 1&2 to INEL between 1985 and 1987.

Onsite Transfers

The transfer of spent fuel between two unconnected pools at a single site, referred to as onsite transfer, is practiced at some installations, and allows for more efficient use of available space in the near term. Although this delays the need for additional storage, it does not significantly change the long-term storage requirements.

Reactor Operating Dates

Projections of spent fuel discharges are affected by changes in the scheduled startup dates of reactors. Significant delays in the startup dates of many reactors continue to occur. However, these changes have little impact on the near-term requirements for additional storage. This is because the storage pools at these reactors are planned to have sufficient capacity for discharges for a minimum of ten years of operation. Near-term storage requirements are thus only affected in cases where the utility had planned to use the storage capacity at new plants to receive transshipments from currently operating plants.

3.3 CONDITIONS ASSUMED FOR THE CASES ANALYZED

A number of general conditions were assumed for all of the cases analyzed in this report, and specific assumptions were made for the analysis of each of the individual cases. The conditions and assumptions used are described in this section.

General

The following conditions and assumptions were applied to all of the cases of projected additional storage requirements analyzed in this study:

1. Reactor operating cycles, discharge rates, startup dates, operating lifetimes, and pool capacities were assumed to be as specified by the utilities as of the end of calendar year 1984.
2. FCR is assumed to be maintained for each reactor. A single FCR is assumed to be maintained for all units at multiple-unit reactor stations employing either a single common spent fuel storage pool, or separate pools with interconnections allowing spent fuel transfer between them. Multiple units on a single site with individual, unconnected pools are assumed to maintain FCR for each unit (except for Southern California Edison, which intends to maintain only a single FCR at the three San Onofre units). Reactors that need to ship fuel to maintain FCR, but have a capacity increase scheduled within two years following loss of FCR, are assumed to operate without FCR until that capacity increase takes place.

3. All licensable actions to increase storage capacity at reactor sites are assumed to be taken. Thus, if a utility indicates that the maximum pool capacity is larger than that currently licensed, the larger pool capacity is used in this report.
4. Due to missing, inconsistent, or incomplete data on some of the utility survey forms submitted to EIA, certain data have been assumed for these analyses. These data were either derived from data supplied elsewhere on the survey or from the data supplied previously under the voluntary data collection used in previous reports.

Maximum AR Capacity Case (Reference Case 1)

The maximum AR capacity case was developed to correspond with conditions that either currently exist or are judged likely to occur. In addition to the common assumptions listed above, the following assumptions were made for the maximum AR capacity case:

1. Utilities will increase their spent fuel storage pool capacities to the maximum extent possible using currently licensed technology (i.e., reracking). The maximum storage capacities shown may not be the actual maximum pool capacity. Many utilities (especially those with very near-term additional storage requirements) are conducting careful studies of expanding the storage capability of their pools. These studies are expected to result in capacity increases beyond those listed in this report as maximum pool capacities for some reactor sites.
2. Offsite transshipment of spent fuel will not take place except in those cases currently licensed by the NRC. Onsite transfers will occur as planned; additional onsite transfers will occur, if necessary, at reactor sites where such transfers have taken place in the past.

Maximum Capacity with Intra-Utility Transshipment Case (Reference Case 2)

This case retains the same assumptions as the maximum AR capacity case, with the exception that transshipment of spent fuel within a utility system is assumed. Reactors requiring additional storage are assumed to ship fuel to any reactor of the same type (PWR to PWR or BWR to BWR) operated by the same utility system as needed to meet storage requirements.

Maximum Capacity with Increased Fuel Exposure Case

The increased fuel exposure case was analyzed to evaluate the effects of utilities gradually increasing the discharge exposure of the fuel. Four scenarios were used to bracket the possible effects. The "no-action" scenario, in which fuel exposures remain as projected by utilities, is identical to the maximum AR capacity case. The remaining scenarios assumed a constant yearly increase in discharged fuel exposure resulting in a corresponding decrease in fuel discharged (thus maintaining the reactor energy generation constant at the

level indicated by the utilities). Increases of 1.0% per year, 2.0% per year and 3.0% per year were assumed. The maximum average discharge exposure was assumed to be 45,000 mega-watt days (thermal) per metric ton initial heavy metal (MWD/MTIHM) for PWR reactors and 38,000 MWD/MTIHM for BWR reactors.⁽⁹⁾ Although a few lead reactor fuel assemblies have been discharged with exposures in excess of these values, they appear to be reasonable maximum values for use on an industry wide basis.

3.4 ADDITIONAL SPENT FUEL STORAGE REQUIREMENTS

The projected cumulative storage requirements through the year 1998 were shown in Figure 2.1. Numerical, year-by-year projections of requirements are given in Tables 3.1a through 3.1e. Detailed data on plant characteristics and on present and potential storage capacities at each reactor are given in the Appendix (Table A.1). Tables A.2 and A.3 list, on a plant-by-plant basis, inventories of spent fuel in the storage pools and future spent fuel discharges planned by the utilities. Projections are given both as annual and cumulative discharges. Projected shipments either into or out of pools are not shown in these tables; only reactor discharge additions are included. Thus, shipments from West Valley to reactor sites or between reactors are not indicated, although these are included in calculating the additional storage requirements. Tables A.4 and A.5 show, again on a plant-by-plant basis, annual and cumulative additional storage requirements through the year 2000, for the maximum AR capacity case (Reference Case 1), while Tables A.6 and A.7 show the maximum capacity with intra-utility transshipment case (Reference Case 2). When more than one reactor shares a pool, the sharing reactors are listed with a single entry.

The maximum AR capacity case (Reference Case 1) is considered to be the maximum projection of future spent fuel storage requirements, while the alternative case projections represent approximate limits to the potential range of requirements under the assumptions noted. The reracking of reactor storage pools to increase storage capacity is becoming an increasingly common practice. It seems reasonable that most, if not all, utilities will adopt this relatively cost-effective means of increasing storage capacity when possible. On the other hand, while intra-utility, offsite transshipments of fuels to other reactor pools have been used by some utilities to alleviate severe spent fuel storage problems, it does not appear that this will become general practice. Even these optimistic scenarios result in significant additional storage requirements that will need to be met if orderly plant operation is to continue.

Figure 3.1 and Table 3.2 compare the utility total spent fuel discharge projections presented in Table A.3 with projections of spent fuel discharges calculated by EIA as DOE's official source of energy projections.⁽¹⁰⁾ The projected discharges for all EIA cases are lower than those derived from utility data. EIA assumes average plant capacity factors derived from historical data, and also assumes delays of reactor startup dates depending upon known utility financial problems and other institutional considerations. The utility projections represent desired operating schedules. Unscheduled or

TABLE 3.1a. Maximum AR Capacity Case

Maximum At-Reactor Capacity - Projected Annual Storage Requirements		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TOTAL ASSEMBLIES		3	112	351	362	999	925	1577	1874	1635	2120	2791	2644	3436	5247	4459	5494
TOTAL MTIHM		1	49	76	145	250	238	389	485	423	534	801	764	1016	1430	1287	1445

Maximum At-Reactor Capacity - Projected Cumulative Storage Requirements		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TOTAL ASSEMBLIES		3	115	466	828	1827	2752	4329	6203	7838	9958	12749	15393	18829	24076	25535	34029
TOTAL MTIHM		1	50	126	271	521	759	1148	1633	2056	2590	3392	4156	5172	6601	7888	9332

TABLE 3.1b. Maximum AR Plus Transshipment Case

Maximum At-Reactor Capacity - Plus Transshipment - Projected Annual Storage Requirements		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TOTAL ASSEMBLIES		0	0	151	68	180	8	743	799	1013	1330	2205	2876	3755	5400	5122	6051
TOTAL MTIHM		0	0	31	27	32	2	166	194	277	372	619	804	1007	1423	1405	1562

Maximum At-Reactor Capacity - Plus Transshipment - Projected Cumulative Storage Requirements		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TOTAL ASSEMBLIES		0	0	151	219	399	407	1150	1949	2962	4292	6497	9373	13128	18528	23650	29701
TOTAL MTIHM		0	0	31	57	89	92	258	452	729	1100	1719	2523	3529	4952	6357	7919

TABLE 3.1c. Maximum AR Plus 1.0%/year Exposure Case

Maximum At-Reactor Capacity - Projected Annual Storage Requirements Exp Inc 1.0		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TOTAL ASSEMBLIES		2	108	322	342	881	847	1390	1687	1429	1821	2335	2032	2501	3863	3694	4222
TOTAL MTIHM		1	47	69	137	225	215	343	438	366	460	645	586	702	1068	1057	1134

Maximum At-Reactor Capacity - Projected Cumulative Storage Requirements Exp Inc. 1.0		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TOTAL ASSEMBLIES		2	110	432	773	1654	2501	3891	5579	7007	8828	11163	13195	15496	19359	23053	27275
TOTAL MTIHM		1	48	117	254	479	694	1037	1475	1841	2301	2946	3532	4234	5302	6358	7492

3.7

TABLE 3.1d. Maximum AR Plus 2.0%/year Exposure Case

Maximum At-Reactor Capacity - Projected Annual Storage Requirements Exp Inc. 2.0		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TOTAL ASSEMBLIES		1	104	293	322	781	767	1253	1445	1267	1567	1912	1580	1773	2629	2269	3330
TOTAL MTIHM		1	45	63	128	204	193	310	378	317	399	515	448	528	743	696	917

Maximum At-Reactor Capacity - Projected Cumulative Storage Requirements Exp Inc. 2.0		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TOTAL ASSEMBLIES		1	105	399	721	1501	2268	3521	4966	6233	7800	9713	11293	13066	15695	17964	21294
TOTAL MTIHM		1	46	108	237	440	633	943	1321	1638	2037	2553	3001	3529	4272	4968	5885

TABLE 3.1e. Maximum AR Plus 3.0%/year Exposure Case

Maximum At-Reactor Capacity - Projected Annual Storage Requirements Exp Inc. 3.0		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TOTAL ASSEMBLIES		1	100	266	296	722	650	1137	1176	1130	1371	1631	1281	1497	2055	1507	2357
TOTAL MTIHM		0	43	56	118	190	164	281	315	284	350	434	349	430	583	478	667

Maximum At-Reactor Capacity - Projected Cumulative Storage Requirements Exp Inc. 3.0		1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
TOTAL ASSEMBLIES		1	101	367	663	1385	2035	3172	4347	5477	6848	8479	9760	11258	13313	14819	17176
TOTAL MTIHM		0	44	100	218	408	572	853	1168	1451	1801	2236	2584	3015	3598	4076	4742

NOTE: The Annual and Cumulative values in Tables 3.1a-e may not total because of rounding error.

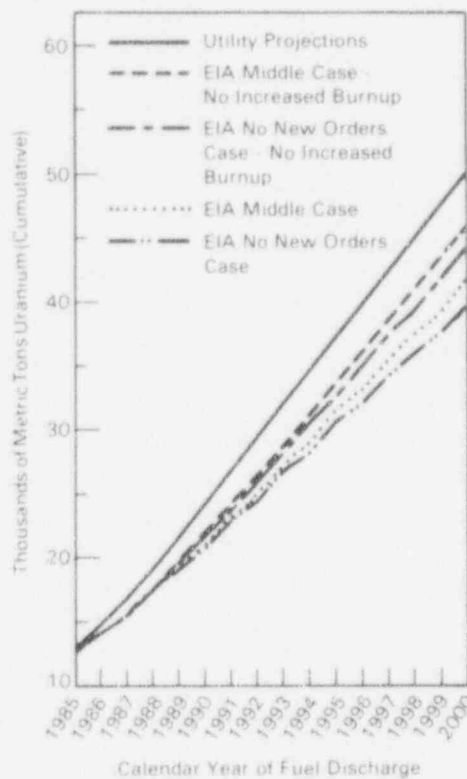


FIGURE 3.1. Projected Cumulative Spent Fuel Discharges--Comparison of DOE/EIA Scenarios and Utility Projections

extended outages are not usually part of a utility's planning. If the EIA projections, which are lower than the utility projections, prove to be accurate, the additional spent fuel storage requirements will be lower than estimated in this report. However, the maximum AR capacity case (based on utility projections) should be used as an upper limit for planning purposes. Reductions in additional storage requirements based upon utility data modified to approximately EIA total discharges for 1983 year-end data are given in a report by Heeb, et al. (11)

3.5 UTILITY ACTIONS/COMPARISON WITH PREVIOUS RESULTS

Changes affecting spent fuel pool storage capacities and discharge rates continue to be reported by the utilities. These include changes of pool capacity, dates for reactor refueling, number of assemblies to be discharged at each refueling, number of assemblies to be re-inserted into the core, and plant startup dates. At the end of December, 1984, two plants (shown in Table 3.3) did not have FCR. Pool capacity changes from those in the previous report are shown in Table 3.4.

TABLE 3.2. Projected Cumulative Spent Fuel Discharges--Comparison of DOE/EIA Scenarios and Utility Projections

Year	Cumulative Spent Fuel Discharge (MTIHM)				
	Utility Projections	EIA Middle Case	EIA No New Orders Case	EIA Middle Case No Increased Burnup	EIA No New Orders Case No Increased Burnup
1984	11,423	11,442	11,442	11,442	11,442
1985	12,733	12,474	12,474	12,679	12,679
1986	14,674	14,040	14,040	14,178	14,178
1987	16,686	15,426	15,330	15,754	15,659
1988	19,032	17,498	17,277	17,680	17,554
1989	21,520	19,287	19,071	19,757	19,702
1990	24,099	20,950	20,743	21,792	21,643
1991	26,656	23,149	22,936	24,085	23,754
1992	29,256	24,693	24,730	26,275	25,396
1993	31,832	27,193	26,738	28,635	28,193
1994	34,458	28,730	28,147	31,010	30,480
1995	37,261	31,441	30,591	33,530	32,538
1996	39,954	32,946	32,125	35,919	34,864
1997	42,535	35,426	34,289	38,571	37,395
1998	45,250	37,445	36,031	41,048	39,417
1999	47,737	39,137	37,656	43,507	41,756
2000	50,441	41,658	39,861	46,118	44,345

Several plants were cancelled or indefinitely postponed during 1984. These plants include: Carroll County-1&2, Marble Hill-1&2, Midland-2, Seabrook-2, WNP-1, and Zimmer-1.

Plants with near-term additional storage requirements are identified in Tables A.4 through A.7 for Reference Cases 1 and 2. Plants with near-term changes in the dates of first requirements from those reported last year (i.e., through 1993) are listed below; those plants for which the projected dates have not changed are not included unless additional information regarding planned operation is available.

TABLE 3.3. Reactors Without FCR as of December 31, 1984

Reactor	Change to Restore FCR
Humboldt Bay	Core unloaded into pool-reactor will not restart
San Onofre-1	Shipments planned to San Onofre-2 and -3

TABLE 3.4 Changes in Maximum Storage Pool Capacities, Assemblies

<u>POOL LOCATION</u>	<u>1983</u>	<u>1984</u>	<u>CHANGE</u>
HARRIS-1	1512	1408	-104
BIG ROCK POINT	545	441	-104
CATAWBA-1	2174	3100	+926
CATAWBA-2	2174	3100	+926
BEAVER VALLEY-1	833	835	+2
TURKEY POINT-3	636	1404	+768
NINE MILE POINT-1	2776	3000	+224
MILLSTONE-3	1836	756	-1080
FORT CALHOUN	728	729	+1
DIABLO CANYON-1	1400	1311	-89
DIABLO CANYON-2	1400	1311	-89
PEACHBOTTOM-2	2816	2608	-208
PEACHBOTTOM-3	2816	2608	-208
SEABROOK-1	1220	1236	+16
HOPE CREEK-1	3666	4054	+388
GINNA	595	1015	+420
SOUTH TEXAS-1	724	2100	+1376
SOUTH TEXAS-2	724	2100	+1376
VERMONT YANKEE	2500	2700	+200
KEWAUNEE	990	963	-27
TOTAL			4714

Changes in Plants Projected to Lose FCR in 1986

Surry-1 and -2: Virginia Power Company. Surry-1 and Surry-2 share a common pool. Last year loss of FCR was projected to occur in 1987 due to a discharge from Unit 1. Virginia Power now has a cooperative agreement with the DOE that will involve the use of dry storage casks. There are two parts to the program: transfer of at least 117 assemblies to DOE for research and development (R&D) at INEL. The second part is onsite storage in casks, which will require an NRC license and thus is not considered in this report, since it does not involve a currently licensed technology. Only the shipment of 117 assemblies from the pool during calendar years 1985, 1986, and 1987 were considered in the analysis. Last year's report assumed 144 assemblies would be involved in the program.

Changes in Plants Projected to Lose FCR in 1987

Peach Bottom-2: Philadelphia Electric Company. Revised projected discharge quantities and dates have moved the additional requirements for Peach Bottom-2 from 1990 to 1987. In addition the inventory and maximum pool capacity have changed, resulting in the earlier loss of FCR.

Changes in Plants Projected to Lose FCR in 1988

Oconee-1 and -2: Duke Power Company. In the previous report, the loss of FCR for Oconee-1 was 1991 while for Oconee-2 it was 1990. The sharing of pool space for the Oconee and McGuire reactors has changed since last year. Oconee-1 and -2 have an earlier loss of FCR in 1988, while Oconee-3 has a later FCR loss in 1990.

Changes in Plants Projected to Lose FCR in 1989

Brunswick-2: Carolina Power and Light Company. Changes in projected discharge quantities move loss of FCR from 1990 to 1989.

La Salle Cty-1 and -2: Commonwealth Edison Company. The additional storage requirements for these reactors have moved from 1990 to 1989 due to revisions in the projected discharge dates and the number of assemblies to be discharged from unit 2.

Peach Bottom-3: Philadelphia Electric Company. The maximum pool capacity was reduced by 208 assemblies which is approximately one year's spent fuel discharge. This moves FCR loss to 1989 from 1990 in last year's report.

Changes in Plants Projected to Lose FCR in 1990

Robinson-2: Carolina Power and Light Co. Robinson-2's loss of FCR has not changed from last year. CP&L has a cooperative agreement with the DOE which involves dry, on-site storage in a concrete horizontal silo. This analysis assumes that 21 assemblies will be stored in this silo during 1986.

Oconee-3: Duke Power Company. Revised fuel sharing plans within the Duke Power system has moved the projected loss of FCR from 1987 to 1990. See Oconee-1 and -2.

Prairie Island-1 and -2: Northern States Power Co. Revised projected discharge quantities and dates have moved the need for additional storage from 1989 to 1990.

Changes in Plants Projected to Lose FCR in 1991

Calvert Cliffs-1 and -2: Baltimore Gas and Electric Company. An increased 1984 discharge for unit 2 has moved the loss of FCR from 1992 to 1991.

La Crosse: Dairyland Power Cooperative. Reduced discharges during 1984 have moved loss of FCR from 1990 to 1991.

Changes in Plants Projected to Lose FCR in 1992

Brunswick-1: Carolina Power and Light Co. Changes in fuel pool sharing within the Brunswick site have moved FCR loss from 1991 to 1992.

Changes in Plants Projected to Lose FCR in 1993

Fort Calhoun: Omaha Public Power District. Larger spent fuel discharges are being projected which will move FCR loss up to 1993.

Indian Point-3: Power Authority of the State of New York. Revised projected discharge dates will move the loss of FCR from 1994 to 1993.

Plants with Storage Needs Moving Beyond 1993

Oyster Creek: Jersey Central Power and Light Company. Projected discharges are smaller than reported previously, which results in FCR loss moving from 1992 to 1994.

Turkey Point-3 and -4: Florida Power and Light Company. A large increase in spent fuel storage capacity moves the loss of FCR from 1986 to 2001.

Monticello: Northern States Power Company. A significant planned fuel shipment program from Monticello to the GE Morris Facility will move the need for additional storage requirements from 1990 to 2002.

Ginna: Rochester Gas and Electric. A large increase in spent fuel storage capacity moves the loss of FCR from 1990 to 2002.

Arkansas Nuclear One-1: Arkansas Power and Light Company and Sequoyah-1 and 2: Tennessee Valley Authority. Changes in projected discharge dates and quantities move the loss of FCR from 1993 to 1995 for these reactors.

3.6 RECONCILIATION OF SPENT FUEL INVENTORIES

Not all of the fuel discharged from operating nuclear power plants in the past is currently in the storage basins of those plants. Some fuel is now stored at offsite storage basins in Morris, Illinois, and West Valley, New York. In recent years, however, portions of the fuel originally shipped to these basins have been returned to the originating utility. As currently planned, all fuel in the West Valley basin is to be removed. DOE will take possession of 26 metric tons of the West Valley spent fuel for R&D purposes. Some fuel was reprocessed to recover contained uranium and plutonium during the operation of the West Valley fuel reprocessing plant, and some was utilized in R&D programs at government laboratories or in the commercial nuclear industry. Additional previously discharged fuel is currently re-inserted into either the original or into a different reactor core. Table 3.5 indicates the

TABLE 3.5. Spent Fuel Inventory Reconciliation (as of December 31, 1984)

Status of Fuel	Number of Assemblies			MTIHM		
	BWR	PWR	Total	BWR	PWR	Total
In Storage at Reactor Sites	24272	15616	39888	4412.2	6609.2	11021.4
In Storage at Morris, IL	879	350	1229	169.0	132.0	301.0
In Storage at West Valley, NY	310	121	431	54.0	46.1	100.1
Reprocessed at West Valley, NY	1140	577	1717	115.4	118.8	234.2
Used in R&D Programs	5	28	33	.7	12.3	13.0
Total Fuel Discharged from Commercial LWRs (Excepting fuel currently re-inserted in reactors)	26606	16692	43298	4751.3	6918.4	11669.7

disposition of historical spent fuel discharges from commercial power reactors as of December 31, 1984. The inventories at specific reactors and at the Morris and West Valley storage facilities are detailed in the Appendix.

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APPENDIX

REACTOR DATA AND INVENTORIES, DISCHARGES, AND ADDITIONAL STORAGE REQUIREMENTS

TABLE A.1. Nuclear Power Plant Data

PLANT NAME	UTILITY NAME	STATE	REAC TYPE	POWER (MWE)	STARTUP DATE	SHUTDOWN DATE	PRESENT (a) CAPAC.	MAX. (a) CAPAC.	REACTOR VENDOR	ASSEMBLIES FULL CORE	CORE WT. MTHM
ARK NUCLEAR 1	ARK PWR & LGT CO	AR	PWR	836	1974	2000	968	968	BW	177	81.95
ARK NUCLEAR 2	ARK PWR & LGT CO	AR	PWR	858	1980	2012	988	988	CE	177	75.58
B VALLEY 1	DUQUESNE LGT CO	PA	PWR	810	1976	2010	833	835	WE	157	71.97
B VALLEY 2	DUQUESNE LGT CO	PA	PWR	802	1986	2020	1088	1088	WE	157	72.37
BELLEFONTE 1	TENNESSEE VALLEY AUTHORITY	AL	PWR	1235	1989	2028	1058	1058	BW	205	93.48
BELLEFONTE 2	TENNESSEE VALLEY AUTHORITY	AL	PWR	1235	1990	2030	1058	1058	BW	205	93.48
BIG ROCK 1	CONSUMERS PWR CO	WI	BWR	69	1965	2001	193	441	GE	84	10.90
A BRAIDWOOD 1	COMMONWEALTH EDISON CO	IL	PWR	1120	1988	2026	1050	1050	WE	193	81.82
A BRAIDWOOD 2	COMMONWEALTH EDISON CO	IL	PWR	1120	1987	2027	1050	1050	WE	193	81.82
B BROWNS FERRY1	TENNESSEE VALLEY AUTHORITY	AL	BWR	1065	1974	2014	3471	3471	GE	764	139.65
B BROWNS FERRY2	TENNESSEE VALLEY AUTHORITY	AL	BWR	1065	1975	2014	2119	3471	GE	764	139.72
BROWNS FERRY3	TENNESSEE VALLEY AUTHORITY	AL	BWR	1065	1977	2017	1958	3471	GE	764	139.93
C BRUNSWICK 1	CAROLINA PWR & LGT CO	NC	BWR	790	1977	2010	1325	1803	GE	560	102.68
BRUNSWICK-1 PWR POOL	CAROLINA POWER AND LIGHT COMPANY	NC	PWR		1978	2050	160	160	WE		
C BRUNSWICK 2	CAROLINA PWR & LGT CO	NC	BWR	790	1975	2010	1361	1839	GE	560	102.68
BRUNSWICK-2 PWR POOL	CAROLINA POWER AND LIGHT COMPANY	NC	PWR		1978	2050	144	144	WE		
A BYRON 1	COMMONWEALTH EDISON CO	IL	PWR	1120	1985	2024	1050	1050	WE	193	81.82
A BYRON 2	COMMONWEALTH EDISON CO	IL	PWR	1120	1986	2026	1050	1050	WE	193	81.82
CALLAWAY 1	UNION ELEC CO	MO	PWR	1120	1985	2024	1340	1340	WE	193	100.93
B CALVERT CLF 1	BALTIMORE GAS & ELEC CO	MD	PWR	825	1975	2009	830	830	CE	217	83.53
B CALVERT CLF 2	BALTIMORE GAS & ELEC CO	MD	PWR	825	1977	2009	1000	1000	CE	217	83.92
C CATAWBA 1	DUKE PWR CO	SC	PWR	1145	1985	2025	1418	3100	WE	193	88.97
C CATAWBA 2	DUKE PWR CO	SC	PWR	1145	1987	2027	1418	3100	WE	193	88.97
CLINTON 1	ILLINOIS PWR CO	IL	BWR	933	1986	2026	2672	2672	GE	624	114.33
B COMANCHE PK 1	TEXAS UTILS GENERATING CO	TX	PWR	1150	1986	2026	1116	1364	WE	193	88.97
B COMANCHE PK 2	TEXAS UTILS GENERATING CO	TX	PWR	1150	1987	2027	1116	1364	WE	193	88.97
A COOK 1	INDIANA & MICH ELEC CO	WI	PWR	1020	1975	2009	2048	2270	WE	193	85.49
A COOK 2	INDIANA & MICH ELEC CO	WI	PWR	1060	1978	2009	2048	2270	WE	193	88.97
COOPER STN	NEBRASKA PUB PWR DISTRICT	NE	BWR	764	1974	2004	2366	2366	GE	548	100.01
CRYSTAL RVR 3	FLORIDA PWR CORP	FL	PWR	821	1977	2017	676	1157	BW	177	82.05
DAVIS-BESSE 1	TGLEDG EDISON CO	OH	PWR	874	1978	2017	735	735	BW	177	82.88
DIABLO CNYN 1	PACIFIC GAS & ELEC CO	CA	PWR	1084	1985	2025	270	1311	WE	193	88.85
DIABLO CNYN 2	PACIFIC GAS & ELEC CO	CA	PWR	1119	1985	2025	270	1311	WE	193	88.76
DRESDEN 1	COMMONWEALTH EDISON CO	IL	BWR	200	1960	1978	720	720	GE	464	105.00
DRESDEN 2	COMMONWEALTH EDISON CO	IL	BWR	772	1970	2008	2880	3537	GE	724	126.56
DRESDEN 3	COMMONWEALTH EDISON CO	IL	BWR	773	1971	2006	2880	3537	GE	724	127.35
DUANE ARNOLD	IOWA ELEC LGT & PWR CO	IA	BWR	515	1975	2010	2050	2050	GE	368	67.71
ENRICO FERMI2	DETROIT EDISON CO	MI	BWR	1093	1985	2025	2305	2305	GE	764	140.25
FARLEY 1	ALABAMA PWR CO	AL	PWR	797	1977	2012	1407	1407	WE	157	72.28
FARLEY 2	ALABAMA PWR CO	AL	PWR	809	1981	2012	1407	1407	WE	157	72.05
FITZPATRICK	PWR AUTHORITY OF ST OF NY	NY	BWR	810	1975	2015	2244	2244	GE	560	102.31
FORT CALHOUN	OMAHA PUB PWR DIST	NE	PWR	471	1973	2008	729	729	CE	133	47.11
GINNA	ROCHESTER GAS & ELEC CORP	NY	PWR	470	1970	2006	595	1015	WE	121	45.37
GRAND GULF 1	MISSISSIPPI PWR & LGT	MS	BWR	1250	1985	2022	1440	5148	GE	800	146.94
GRAND GULF 2	MISSISSIPPI PWR & LGT	MS	BWR	1250	1988	2028	4524	5148	GE	800	147.20
HADDAM NECK	NORTHEAST UTILITIES	CT	PWR	569	1968	2004	1168	1168	WE	157	64.47
HARRIS 1	CAROLINA PWR & LGT CO	NC	PWR	900	1986	2016	1360	1408	WE	157	73.10
B HATCH 1	GEORGIA PWR CO	GA	BWR	752	1974	2009	3181	3181	GE	560	102.97
B HATCH 2	GEORGIA PWR CO	GA	BWR	747	1979	2012	2765	2845	GE	560	102.69

TABLE A.1. Nuclear Power Plant Data (cont'd)

PLANT NAME	UTILITY NAME	STATE	REAC TYPE	POWER (MWE)	STARTUP DATE	SHUTDOWN DATE	PRESENT (a) CAPAC.	MAX. (a) CAPAC.	REACTOR VENDOR	ASSEMBLIES FULL CORE	CORE WT. MTIHM
HOPE CRK 1	PUB SVC ELEC & GAS CO	NJ	BWR	1067	1988	2027	1078	4054	GE	764	139.04
HUMBOLDT BAY	PACIFIC GAS & ELEC CO	CA	BWR	63	1963	1976	486	486	GE	184	13.01
INDIAN PT 1	CONSOLIDATED EDISON CO	NY	PWR	265	1962	1980	756	756	BW	120	23.01
INDIAN PT 2	CONSOLIDATED EDISON CO	NY	PWR	864	1974	2006	980	980	WE	193	80.27
INDIAN PT 3	PWR AUTHORITY OF ST OF NY	NY	PWR	965	1976	2015	840	840	WE	193	88.18
Kewaunee	WISCONSIN PUB SVC CORP	WI	PWR	503	1974	2014	603	963	WE	121	45.76
LACROSSE	DAIRYLAND PWR COOP	WI	BWR	48	1969	2003	440	440	AC	72	7.81
B LASALLE CTY 1	COMMONWEALTH EDISON CO	IL	BWR	1090	1982	2022	1000	1000	GE	764	139.95
B LASALLE CTY 2	COMMONWEALTH EDISON CO	IL	BWR	1090	1984	2023	1000	1000	GE	764	139.62
LIMERICK 1	PHILADELPHIA ELEC CO	PA	BWR	1051	1985	2014	2040	2862	GE	764	141.44
LIMERICK 2	PHILADELPHIA ELEC CO	PA	BWR	1065	1990	2014	2040	2862	GE	764	139.04
MAINE YANKEE	MAINE YANKEE ATOMIC PWR CO	ME	PWR	810	1972	2008	945	1476	CE	217	80.23
C MCGUIRE 1	DUKE PWR CO	NC	PWR	1180	1981	2022	500	1483	WE	193	86.97
C MCGUIRE 2	DUKE PWR CO	NC	PWR	1180	1984	2024	1465	1483	WE	193	88.97
WILLSTONE 1	NORTHEAST UTIL SVC CO	CT	BWR	654	1970	2010	2184	2184	GE	500	103.04
WILLSTONE 2	NORTHEAST UTIL SVC CO	CT	PWR	835	1975	2015	667	667	CE	217	87.99
WILLSTONE 3	NORTHEAST UTIL SVC CO	CT	PWR	1150	1986	2025	756	756	WE	193	88.97
MONTICELLO	NORTHERN STATES PWR CO	MN	BWR	536	1971	2007	2217	2237	GE	484	86.44
NINE MILE PT1	NIAGARA MOHAWK PWR CORP	NY	BWR	610	1969	2005	2776	3000	GE	532	93.95
NINE MILE PT2	NIAGARA MOHAWK PWR CORP	NY	BWR	1000	1986	2026	4049	4049	GE	764	140.18
A NORTH ANNA 1	VIRGINIA POWER	VA	PWR	890	1978	2011	966	1737	WE	157	72.28
A NORTH ANNA 2	VIRGINIA POWER	VA	PWR	890	1980	2011	966	1737	WE	157	72.45
A OCONEE 1	DUKE PWR CO	SC	PWR	860	1973	2007	1312	1312	BW	177	82.12
A OCONEE 2	DUKE PWR CO	SC	PWR	860	1974	2010	1312	1312	BW	177	82.12
C OCONEE 3	DUKE PWR CO	SC	PWR	871	1974	2009	474	825	BW	177	82.12
OYSTER CRK 1	GPU NUCLEAR	NJ	BWR	620	1969	2004	1370	2600	GE	500	98.00
PALISADES	CONSUMERS PWR CO	MI	PWR	757	1971	2011	798	798	CE	204	79.64
PALO VERDE 1	ARIZONA PUB SVC CO	AZ	PWR	1304	1985	2024	665	1329	CE	241	99.14
PALO VERDE 2	ARIZONA PUB SVC CO	AZ	PWR	1304	1986	2025	665	1329	CE	241	102.66
PALO VERDE 3	ARIZONA PUB SVC CO	AZ	PWR	1304	1987	2026	665	1329	CE	241	102.66
PEACHBOTTOM 2	PHILADELPHIA ELEC CO	PA	BWR	1051	1974	2000	2600	2600	GE	764	86.22
PEACHBOTTOM 3	PHILADELPHIA ELEC CO	PA	BWR	1035	1974	2000	2600	2600	GE	764	139.32
B PERRY 1	CLEVELAND ELEC ILLUM CO	OH	BWR	1205	1985	2025	1620	1620	GE	748	136.59
B PERRY 2	CLEVELAND ELEC ILLUM CO	OH	BWR	1205	1990	2030	2400	2400	GE	748	136.59
PILGRIM 1	BOSTON EDISON CO	MA	BWR	663	1972	2000	1770	2320	GE	500	102.99
A POINT BEACH 1	WISCONSIN ELEC PWR CO	WI	PWR	495	1970	2007	1502	1502	WE	121	40.56
A POINT BEACH 2	WISCONSIN ELEC PWR CO	WI	PWR	495	1972	2000	1502	1502	WE	121	47.04
A PRAIRIE ISL 1	NORTHERN STATES PWR CO	MN	PWR	503	1973	2000	1117	1117	WE	121	39.93
A PRAIRIE ISL 2	NORTHERN STATES PWR CO	MN	PWR	503	1974	2000	1117	1117	WE	121	39.93
B QUAD CITIES 1	COMMONWEALTH EDISON CO	IL	BWR	769	1973	2007	2907	3657	GE	724	128.45
B QUAD CITIES 2	COMMONWEALTH EDISON CO	IL	BWR	769	1973	2007	1140	3897	GE	724	129.10
RANCHO SEC0 1	SACRAMENTO MUN UTIL DIST	CA	PWR	873	1975	2000	1000	1000	BW	177	82.00
ROBINSON 2	CAROLINA PWR & LGT CO	SC	PWR	665	1971	2007	544	544	WE	157	70.10
RVR BEND 1	GULF STATES UTILS	LA	BWR	936	1985	2025	3172	3172	GE	624	115.60
SALEM 1	PUB SVC ELEC & GAS CO	NJ	PWR	1079	1977	2017	1170	1170	WE	193	88.56
SALEM 2	PUB SVC ELEC & GAS CO	NJ	PWR	1106	1981	2020	1170	1170	WE	193	88.61
E SAN ONOFRE 1	SOUTHERN CALIF EDISON CO	CA	PWR	436	1968	1999	216	216	WE	157	58.09
E SAN ONOFRE 2	SOUTHERN CALIF EDISON CO	CA	PWR	1070	1983	2012	800	800	CE	217	89.70
E SAN ONOFRE 3	SOUTHERN CALIF EDISON CO	CA	PWR	1000	1984	2013	800	800	CE	217	89.64

TABLE A.1. Nuclear Power Plant Data (cont'd)

PLANT NAME	UTILITY NAME	STATE	REAC TYPE	POWER (MWE)	STARTUP DATE	SHUTDOWN DATE	PRESENT (a) CAPAC.	MAX. (a) CAPAC.	REACTOR VENDOR	ASSEMBLIES FULL CORE	CORE WT. MTHM
SEABROOK 1	PUB SVC OF NEW HAMPSHIRE	NH	PWR	1150	1986	2026	660	1236	WE	193	89.85
A SEQUOYAH 1	TENNESSEE VALLEY AUTHORITY	TN	PWR	1148	1981	2021	1386	1386	WE	193	88.91
A SEQUOYAH 2	TENNESSEE VALLEY AUTHORITY	TN	PWR	1148	1982	2022	1386	1386	WE	193	88.81
SHOREHAM	LONG ISL LGT CO	NY	BWR	820	1983	2025	2176	3100	GE	560	92.65
SOUTH TEXAS 1	HOUSTON LGT & PWR CO	TX	PWR	1250	1987	2026	724	2100	WE	193	104.22
SOUTH TEXAS 2	HOUSTON LGT & PWR CO	TX	PWR	1250	1989	2028	724	2100	WE	193	104.22
ST LUCIE 1	FLORIDA PWR & LGT CO	FL	PWR	822	1976	2010	726	728	CE	217	80.87
ST LUCIE 2	FLORIDA PWR & LGT CO	FL	PWR	786	1983	2023	1076	1076	CE	217	81.73
SUMNER 1	SOUTH CAROLINA ELEC & GAS CO	SC	PWR	885	1984	2024	1276	1276	WE	157	72.11
A SURRY 1	VIRGINIA POWER	VA	PWR	775	1972	2008	1044	1044	WE	157	71.89
A SURRY 2	VIRGINIA POWER	VA	PWR	775	1973	2008	1044	1044	WE	157	71.93
B SUSQUEHANNA 1	PENNSYLVANIA PWR & LGT CO	PA	BWR	1050	1983	2022	2840	2840	GE	764	140.19
B SUSQUEHANNA 2	PENNSYLVANIA PWR & LGT CO	PA	BWR	1050	1984	2024	2840	2840	GE	764	140.12
3 MILE ISL 1	GPU NUCLEAR	PA	PWR	776	1974	2008	752	2283	BW	177	82.12
TROJAN	PORTLAND GENERAL ELEC	OR	PWR	1000	1976	2015	651	1408	WE	193	88.97
E TURKEY PT 3	FLORIDA PWR & LGT CO	FL	PWR	666	1972	2007	1404	1404	WE	157	71.90
E TURKEY PT 4	FLORIDA PWR & LGT CO	FL	PWR	666	1973	2007	614	636	WE	157	71.86
B VOGTLE 1	GEORGIA PWR CO	GA	PWR	1120	1987	2027	936	936	WE	193	89.05
B VOGTLE 2	GEORGIA PWR CO	GA	PWR	1120	1988	2028	936	936	WE	193	89.05
VT YANKEE 1	VT YANKEE NUCLEAR PWR CORP	VT	BWR	504	1972	2012	1410	2700	GE	368	66.97
WASH NUCLEAR 2	WASH PUB PWR SUPPLY SYSTM	WA	BWR	1095	1984	2023	2658	2658	GE	764	139.04
WATERFORD 3	LOUISIANA PWR & LGT	LA	PWR	1151	1985	2025	1088	1366	CE	217	89.44
A WATTS BAR 1	TENNESSEE VALLEY AUTHORITY	TN	PWR	1165	1985	2025	1294	1312	WE	193	88.97
A WATTS BAR 2	TENNESSEE VALLEY AUTHORITY	TN	PWR	1165	1987	2027	1294	1312	WE	193	88.97
WOLF CRK 1	KANSAS GAS & ELEC CO	KS	PWR	1117	1985	2026	1340	1340	WE	193	89.07
YANKEE-ROWE 1	YANKEE ATOMIC ELEC CO	MA	PWR	167	1961	1997	395	721	WE	76	17.79
A ZION 1	COMMONWEALTH EDISON CO	IL	PWR	1050	1973	2007	2079	2079	WE	193	88.48
A ZION 2	COMMONWEALTH EDISON CO	IL	PWR	1050	1974	2008	2079	2079	WE	193	88.39
MORRIS-PWR	MORRIS OPERATION (AFR)	IL	BWR		1978	2050	3735	3735			
MORRIS-PWR	MORRIS OPERATION	IL	PWR		1978	2050	1660	1660			
WEST VALLEY-B	NUCLEAR FUEL SVC	NY	BWR		1978	2050	442	442			
WEST VALLEY-P	NUCLEAR FUEL SVC	NY	PWR		1978	2050	442	442			
FT ST VRAIN	PUB SVC CO OF COLORADO	CO	HTG	330	1979	2007	504	504	GA	482	10.50
VALLECITOS	GENERAL ELECTRIC	CA			1978	2050					

BWR PLANTS TOTAL :	41	CURRENTLY OPERATING:	30	TOTAL MWE:	35566	CURRENTLY OPERATING MWE:	23431
PWR PLANTS TOTAL :	80	CURRENTLY OPERATING:	52	TOTAL MWE:	71424	CURRENTLY OPERATING MWE:	42609
HTGR PLANTS TOTAL :	1	CURRENTLY OPERATING:	1	TOTAL MWE:	330	CURRENTLY OPERATING MWE:	330
PLANTS TOTAL :	122	CURRENTLY OPERATING:	83	TOTAL MWE:	107320	CURRENTLY OPERATING MWE:	66370
RETIRED PLANTS TOTAL :	3			TOTAL MWE:	528		

- A INDICATES COMMON POOL SHARED BY TWO REACTORS
- B INDICATES POOLS CONNECTED BY TRANSFER CANAL: CAPACITIES AND INVENTORIES ARE COMBINED WITH ONLY ONE FULL CORE RESERVE
- C INDICATES POOLS REQUIRING CASK TRANSFER USING UTILITY TRANSFER SCHEDULE
- E INDICATES POOLS REQUIRING CASK TRANSFER: CAPACITIES AND INVENTORIES ARE COMBINED WITH ONLY ONE FULL CORE RESERVE

NOTE: DATA AS OF 12/31/1984

(a) IN ASSEMBLIES

TABLE A.2a. 1984 Inventory and Projected Annual Reactor Discharges, Assemblies

REACTOR	ASSEMBLIES																
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
ARK NUCLEAR 1	334	0	68	0	68	0	68	68	0	68	0	68	0	68	68	0	68
ARK NUCLEAR 2	160	68	77	0	67	0	72	72	0	72	0	72	0	72	72	0	72
B VALLEY 1	218	0	69	0	73	73	73	0	0	73	0	73	73	0	73	0	73
B VALLEY 2	0	0	0	0	0	52	0	73	0	73	73	0	73	73	0	73	73
BELLEFONTE 1	0	0	0	0	0	0	68	0	84	205	96	68	0	84	96	0	96
BELLEFONTE 2	0	0	0	0	0	0	0	0	0	68	84	301	0	68	0	84	96
BIG ROCK 1	172	20	20	20	0	20	20	20	20	20	20	0	20	20	20	20	20
BRAIDWOOD 1	0	0	0	0	0	60	57	57	57	57	57	57	57	57	57	57	57
BRAIDWOOD 2	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	57	57
BROWNS FERRY1	1068	254	0	258	0	252	0	0	284	0	284	0	284	0	284	0	284
BROWNS FERRY2	1188	0	216	0	0	248	0	300	0	284	0	284	0	284	0	284	0
BROWNS FERRY3	1004	0	236	0	280	0	248	0	284	0	284	0	284	0	284	0	0
BRUNSWICK 1	512	0	180	0	180	180	0	180	180	0	180	180	0	180	180	0	180
BRUNSWICK-1 PWR POOL	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRUNSWICK 2	752	0	180	180	0	180	180	0	180	180	0	180	180	0	180	180	0
BRUNSWICK-2 PWR POOL	144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BYRON 1	0	0	0	57	57	57	57	57	57	57	57	57	57	57	57	57	57
BYRON 2	0	0	0	0	57	57	57	57	57	57	57	57	57	57	57	57	57
CALLAWAY 1	0	0	68	80	0	84	80	0	84	80	0	84	80	0	84	80	0
CALVERT CLF 1	468	76	81	0	77	77	0	73	72	0	72	72	0	72	72	0	72
CALVERT CLF 2	391	69	0	85	89	0	77	73	0	72	72	0	72	72	0	72	72
CATAWBA 1	0	0	61	61	61	61	61	61	61	0	61	61	61	61	61	61	61
CATAWBA 2	0	0	0	0	61	61	0	61	61	61	61	61	61	61	61	0	61
CLINTON 1	0	0	0	192	208	0	184	232	0	196	216	0	216	208	0	212	212
COMANCHE PK 1	0	0	0	64	64	64	68	64	64	64	64	64	68	64	64	68	64
COMANCHE PK 2	0	0	0	0	0	128	64	64	68	64	64	68	64	64	68	64	64
COOK 1	466	80	80	0	80	0	80	80	0	80	0	80	80	0	80	80	0
COOK 2	336	59	0	88	0	88	88	0	88	0	88	88	0	88	88	0	176
COOPER STN	914	0	120	116	120	120	116	120	120	112	116	116	112	116	112	112	112
CRYSTAL RVR 3	253	65	61	0	57	61	0	60	48	0	56	56	0	56	56	0	56
DAVIS-BESSE 1	197	0	65	69	0	65	68	0	68	68	0	68	68	0	68	68	0
DIABLO CNYN 1	0	0	68	64	62	0	66	64	64	64	0	64	64	64	0	64	64
DIABLO CNYN 2	0	0	65	0	67	62	68	64	64	0	64	64	64	0	64	64	64
DRESDEN 1	683	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRESDEN 2	1312	0	188	196	0	196	196	0	196	196	0	196	196	0	196	196	0
DRESDEN 3	1168	176	152	0	160	152	0	160	152	0	160	160	0	160	160	0	160
DUANE ARNOLD	576	120	0	120	104	0	256	128	0	120	120	0	120	120	0	120	120
ENRICO FERMI2	0	0	0	232	0	292	276	0	296	0	292	0	288	0	292	288	0
FARLEY 1	273	76	69	0	72	69	0	72	69	0	72	69	0	72	69	0	72
FARLEY 2	116	72	76	69	0	72	69	0	72	69	0	72	69	0	72	69	0
FITZPATRICK	816	196	188	0	172	188	0	172	172	0	172	172	0	172	172	0	172
FORT CALHOUN	306	61	0	52	33	0	61	52	0	33	61	0	52	33	0	61	52
GINNA	332	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
GRAND GULF 1	0	0	264	0	264	248	0	264	264	264	0	264	264	0	264	264	0
GRAND GULF 2	0	0	0	0	0	0	268	228	196	224	212	216	216	216	216	216	216
HADDAM NECK	545	53	0	52	52	52	0	52	52	0	52	52	52	0	52	52	52
HARRIS 1	0	0	0	0	0	52	52	0	52	0	52	52	0	52	52	0	52

TABLE A.2a. 1984 Inventory and Projected Annual
Reactor Discharges, Assemblies (cont'd)

REACTOR	ASSEMBLIES																
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
HATCH 1	957	92	100	95	128	128	128	128	128	128	128	128	128	128	128	128	128
HATCH 2	446	108	96	118	136	136	136	136	136	136	136	136	136	136	136	136	136
HOPE CRK 1	0	0	0	172	272	0	268	272	0	276	272	0	272	272	0	272	272
HUMBOLDT BAY	390	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIAN PT 1	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIAN PT 2	396	72	0	72	0	49	72	0	72	72	0	72	72	0	72	72	0
INDIAN PT 3	216	76	0	76	76	0	76	0	76	76	0	76	0	76	76	0	76
KEWAUNEE	336	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
LACROSSE	213	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
LASALLE CTY 1	0	212	0	226	204	0	220	232	0	224	224	0	228	224	0	224	224
LASALLE CTY 2	0	0	240	0	320	296	0	220	240	0	224	228	0	224	224	0	224
LIMERICK 1	0	0	300	0	392	0	72	196	0	220	216	0	220	216	0	220	216
LIMERICK 2	0	0	0	0	0	0	0	192	0	244	236	0	276	244	0	252	256
MAINE YANKEE	721	72	0	72	72	0	72	72	0	72	72	0	72	72	0	72	72
MCCUIRE 1	60	62	62	61	61	61	61	0	61	61	61	61	61	61	61	61	0
MCCUIRE 2	0	68	62	62	61	61	0	61	61	61	61	61	61	61	0	61	61
MILLSTONE 1	1336	0	200	200	0	180	0	200	0	200	180	0	200	0	200	0	180
MILLSTONE 2	376	77	52	0	72	77	0	52	72	0	77	52	0	72	77	0	52
MILLSTONE 3	0	0	0	0	68	63	65	64	64	64	0	64	64	64	64	64	0
MONTICELLO	1136	112	100	104	104	104	104	104	0	104	104	104	104	0	104	104	
NINE MILE PT1	1244	0	200	0	200	0	200	0	200	0	200	0	200	0	200	0	200
NINE MILE PT2	0	0	0	0	268	0	264	248	0	280	0	268	0	268	258	0	268
NORTH ANNA 1	250	0	60	60	0	60	68	0	68	68	0	68	68	0	68	68	0
NORTH ANNA 2	174	0	68	68	68	0	68	68	0	68	68	0	68	68	0	68	68
OCONEE 1	494	0	65	0	64	64	0	64	0	64	64	0	64	64	0	64	0
OCONEE 2	360	68	0	68	68	0	68	0	68	68	0	68	68	0	68	0	68
OCONEE 3	412	68	0	68	0	68	68	0	68	0	68	68	0	68	0	68	0
OYSTER CRK 1	980	0	176	0	172	0	0	176	0	84	280	0	68	0	152	0	164
PALISADES	477	68	0	68	68	0	0	68	68	0	68	68	68	0	68	68	0
PALO VERDE 1	0	0	0	72	76	60	68	64	64	64	64	64	64	64	64	64	64
PALO VERDE 2	0	0	0	0	64	140	64	64	64	64	64	64	64	64	64	64	64
PALO VERDE 3	0	0	0	0	0	64	64	64	64	64	64	64	64	64	64	64	64
PEACHBOTTM 2	1522	0	236	244	0	240	0	244	244	0	240	244	0	244	240	0	244
PEACHBOTTM 3	1218	284	0	276	0	268	248	0	244	248	0	248	248	0	248	248	0
PERRY 1	0	0	0	252	256	0	216	248	0	252	244	0	248	248	0	248	248
PERRY 2	0	0	0	0	0	0	140	288	0	284	300	0	292	296	0	296	296
PILGRIM 1	1128	0	192	192	0	192	0	192	0	192	0	192	192	0	192	0	192
POINT BEACH 1	394	29	31	32	32	32	32	32	32	32	32	32	32	32	32	32	32
POINT BEACH 2	379	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32
PRAIRIE ISL 1	320	0	60	28	20	40	40	40	40	0	40	40	40	40	40	0	40
PRAIRIE ISL 2	321	53	40	40	0	0	40	40	40	40	0	40	40	40	40	40	40
QUAD CITIES 1	1240	192	0	216	184	0	176	176	0	176	176	0	176	176	0	176	176
QUAD CITIES 2	1100	176	168	0	172	168	0	164	168	0	168	164	0	168	168	0	168
RANCHO SECO 1	207	58	57	0	65	69	0	69	61	0	61	61	0	57	61	0	61
ROBINSON 2	222	0	52	52	52	0	52	52	52	52	0	52	52	52	52	0	52
RVR BEND 1	0	0	0	52	168	156	140	156	152	152	152	156	152	152	152	156	152
SALEM 1	271	0	69	85	0	37	100	0	73	9	0	77	152	0	76	76	0

TABLE A.2a. 1984 Inventory and Projected Annual Reactor Discharges, Assemblies (cont'd)

REACTOR	ASSEMBLIES																			
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000			
SALEM 2	133	0	56	0	40	84	0	0	77	0	85	73	0	157	76	0	76			
SAN ONOFRE 1	94	0	52	0	53	0	52	0	52	0	52	0	52	0	52	157	0			
SAN ONOFRE 2	65	0	89	89	0	89	0	89	0	89	0	89	0	89	0	89	0			
SAN ONOFRE 3	0	65	89	0	89	0	89	0	89	0	89	0	89	89	0	89	0			
SEABROOK 1	0	0	0	64	64	64	64	64	64	64	64	64	64	64	64	64	64			
SEQUOYAH 1	140	53	0	68	72	0	72	0	80	80	0	80	80	0	80	0	80			
SEQUOYAH 2	136	0	57	68	0	68	80	0	80	0	80	80	0	80	0	80	80			
SHOREHAM	0	0	0	204	0	176	224	0	108	148	0	88	168	0	0	88	0			
SOUTH TEXAS 1	0	0	0	0	72	52	48	48	48	48	48	48	48	48	49	48	48			
SOUTH TEXAS 2	0	0	0	0	0	0	28	52	48	48	48	48	48	48	48	48	49			
ST LUCIE 1	372	84	0	84	90	0	84	90	0	84	90	84	0	90	84	0	90			
ST LUCIE 2	80	0	84	76	0	80	80	0	80	80	0	80	80	0	80	80	0			
SUMMER 1	44	68	0	68	68	68	68	0	68	68	68	68	0	68	68	68	68			
SURRY 1	477	0	61	61	0	60	61	0	60	61	0	60	61	0	60	61	0			
SURRY 2	349	68	61	0	60	61	0	60	61	0	60	61	0	60	61	0	60			
SUSQUEHANNA 1	0	192	276	224	0	248	240	0	240	284	0	196	240	0	240	240	0			
SUSQUEHANNA 2	0	0	276	0	244	236	0	240	240	0	240	240	0	240	240	0	240			
3 MILE ISL 1	206	0	0	125	77	0	59	73	73	0	73	0	73	73	0	73	72			
TROJAN	283	36	36	65	55	37	41	40	40	40	40	40	40	40	40	40	40			
TURKEY PT 3	387	56	48	0	52	52	0	52	52	0	52	52	0	52	52	0	52			
TURKEY PT 4	379	0	0	52	0	56	52	0	52	52	0	52	52	0	52	52	0			
VOGTLE 1	0	0	0	0	56	65	65	65	65	65	65	65	65	65	65	65	65			
VOGTLE 2	0	0	0	0	56	65	65	65	65	65	65	65	65	65	64	65	65			
VT YANKEE 1	1202	104	0	92	92	92	92	92	92	92	92	92	92	92	92	92	92			
WASH NUCLEAR2	0	0	196	184	156	152	164	164	160	160	160	160	160	160	160	160	160			
WATERFORD 3	0	0	73	0	72	72	72	73	0	72	72	73	72	0	72	73	72			
WATTS BAR 1	0	0	68	0	68	71	0	64	0	68	0	80	80	0	80	0	80			
WATTS BAR 2	0	0	0	68	0	68	72	193	64	0	68	0	80	80	0	80	0			
WOLF CRK 1	0	0	0	48	48	48	48	48	48	48	48	48	49	47	48	48	48			
YANKEE-ROWE 1	300	36	0	40	36	0	40	36	40	0	36	40	0	76	0	0	0			
ZION 1	433	63	44	52	48	48	48	48	48	48	48	48	48	48	48	48	48			
ZION 2	422	56	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48			
MORRIS-BWR	679	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
MORRIS-PWR	350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
WEST VALLEY-B	310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
WEST VALLEY-P	121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PWR ASSEMBLIES	16087		2558		3349		3950		3966		3580		3694		3983		3804			
		2122		2907		3669		3468		3666		4580		3855		3667				
BWR ASSEMBLIES	26461		4524		4980		4792		4624		6052		6004		5424		5840			
		2262		4187		4860		5896		5400		4428		5092		4956				
TOTAL ASSEMBLIES	41548		7082		8329		8742		8790		9632		9698		9407		9644			
		4384		7094		8529		9364		9066		9008		8947		8623				

TABLE A.2b. 1984 Inventory and Projected Annual Reactor Discharges, MTIHM

REACTOR	METRIC TONS																
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
ARK NUCLEAR 1	178	0	32	0	32	0	32	32	0	32	0	32	0	32	32	0	32
ARK NUCLEAR 2	66	29	33	0	28	0	30	30	0	30	0	30	0	30	30	0	30
B VALLEY 1	100	0	32	0	34	34	34	0	0	34	0	34	34	0	34	0	34
B VALLEY 2	0	0	0	0	0	24	0	34	0	34	34	0	34	34	0	34	34
BELLEFONTE 1	0	0	0	0	0	0	31	0	36	94	42	31	0	38	44	0	44
BELLEFONTE 2	0	0	0	0	0	0	0	0	0	31	36	136	0	31	0	38	44
BIG ROCK 1	22	3	3	3	0	3	3	3	3	3	3	0	3	3	3	3	3
BRAIDWOOD 1	0	0	0	0	0	34	24	24	24	24	24	24	24	24	24	24	24
BRAIDWOOD 2	0	0	0	0	0	24	24	24	24	24	24	24	24	24	24	24	24
BROWNS FERRY1	201	46	0	47	0	46	0	0	52	0	52	0	52	0	52	0	52
BROWNS FERRY2	222	0	39	0	0	45	0	55	0	52	0	52	0	52	0	52	0
BROWNS FERRY3	187	0	43	0	51	0	46	0	52	0	52	0	52	0	52	0	0
BRUNSWICK 1	96	0	34	0	34	34	0	34	34	0	34	34	0	34	34	0	34
BRUNSWICK-1 PWR POOL	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BRUNSWICK 2	141	0	34	34	0	34	34	0	34	34	0	34	34	0	34	34	0
BRUNSWICK-2 PWR POOL	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BYRON 1	0	0	0	24	24	24	24	24	24	24	24	24	24	24	24	24	24
BYRON 2	0	0	0	0	24	24	24	24	24	24	24	24	24	24	24	24	24
CALLAWAY 1	0	0	31	37	0	37	34	0	36	34	0	36	34	0	36	34	0
CALVERT CLF 1	179	30	31	0	30	30	0	29	28	0	28	28	0	28	28	0	28
CALVERT CLF 2	149	27	0	33	35	0	30	29	0	28	28	0	28	28	0	28	28
CATAWBA 1	0	0	26	26	26	26	26	26	0	26	26	26	26	26	26	26	26
CATAWBA 2	0	0	0	0	26	26	0	26	26	26	26	26	26	26	26	0	26
CLINTON 1	0	0	0	35	38	0	34	42	0	36	39	0	39	38	0	39	39
COMANCHE PK 1	0	0	0	30	30	30	31	26	26	26	26	26	27	26	26	27	26
COMANCHE PK 2	0	0	0	0	0	53	27	27	29	26	26	27	26	26	27	26	26
COOK 1	204	34	36	0	37	0	37	37	0	37	0	37	37	0	37	37	0
COOK 2	154	24	0	36	0	36	36	0	36	0	36	36	0	36	36	0	71
COOPER STN	172	0	22	21	22	22	21	22	22	20	21	21	20	21	20	20	20
CRYSTAL RVR 3	118	30	28	0	26	28	0	28	22	0	26	26	0	26	26	0	26
DAVIS-BESSE 1	93	0	30	32	0	30	32	0	32	32	0	32	32	0	32	32	0
DIABLO CNYN 1	0	0	31	29	29	0	30	29	29	29	0	29	29	29	0	29	29
DIABLO CNYN 2	0	0	30	0	31	28	30	29	29	0	29	29	29	0	29	29	29
DRESDEN 1	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DRESDEN 2	247	0	34	35	0	35	35	0	35	35	0	35	35	0	35	35	0
DRESDEN 3	222	32	28	0	29	28	0	29	28	0	29	29	0	29	29	0	29
DUANE ARNOLD	107	22	0	22	19	0	47	23	0	22	22	0	22	22	0	22	22
ENRICO FERMI2	0	0	0	43	0	54	51	0	54	0	53	0	52	0	53	52	0
FARLEY 1	125	35	32	0	33	32	0	33	32	0	33	32	0	33	32	0	33
FARLEY 2	53	33	35	32	0	33	32	0	33	32	0	33	32	0	33	32	0
FITZPATRICK	153	38	34	0	31	31	0	31	31	0	31	31	0	31	31	0	31
FORT CALHDUN	112	22	0	19	12	0	22	19	0	12	22	0	19	12	0	22	19
GINNA	129	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10
GRAND GULF 1	0	0	49	0	48	46	0	47	47	47	0	47	47	0	47	47	0
GRAND GULF 2	0	0	0	0	0	0	48	42	36	41	39	40	40	40	40	40	40
HADDAM NECK	225	22	0	21	21	21	0	21	21	0	21	21	0	21	21	21	21
HARRIS 1	0	0	0	0	0	24	24	0	24	0	24	24	0	24	24	0	24

TABLE A.2b. 1984 Inventory and Projected Annual Reactor Discharges, MTIHM (cont'd)

REACTOR	METRIC TONS																
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
HATCH 1	175	17	18	17	24	23	23	23	23	23	23	23	23	23	23	23	23
HATCH 2	82	20	18	22	25	25	25	25	25	25	25	25	25	25	25	25	25
HOPE CRK 1	0	0	0	31	50	0	47	50	0	50	50	0	50	50	0	50	50
HUMBOLDT BAY	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIAN PT 1	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INDIAN PT 2	179	33	0	33	0	22	33	0	33	33	0	33	33	0	33	33	0
INDIAN PT 3	99	35	0	35	35	0	35	0	35	35	0	35	0	35	35	0	35
KEWAUNEE	132	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
LACROSSE	25	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
LASALLE CTY 1	0	39	0	41	37	0	40	42	0	41	41	0	42	41	0	41	41
LASALLE CTY 2	0	0	44	0	59	54	0	40	44	0	41	41	0	42	41	0	41
LIMERICK 1	0	0	56	0	73	0	13	36	0	40	39	0	40	39	0	40	39
LIMERICK 2	0	0	0	0	0	0	0	35	0	44	43	0	50	44	0	46	47
MAINE YANKEE	273	27	0	27	27	0	27	27	0	27	27	0	27	27	0	27	27
MCQUIRE 1	28	29	29	26	26	26	0	26	26	26	26	26	26	26	26	26	0
MCQUIRE 2	0	27	28	29	26	26	0	26	26	26	26	26	26	28	0	26	26
MILLSTONE 1	253	0	36	35	0	32	0	36	0	35	32	0	36	0	35	0	32
MILLSTONE 2	145	31	21	0	29	31	0	21	29	0	31	21	0	29	31	0	21
MILLSTONE 3	0	0	0	0	31	29	30	30	30	0	30	30	30	30	30	30	0
MONTICELLO	212	20	18	18	18	18	18	18	0	18	18	18	18	0	18	18	0
NINE MILE PT1	235	0	35	0	35	0	35	0	35	0	35	0	35	0	35	0	35
NINE MILE PT2	0	0	0	0	48	0	48	48	0	48	0	48	0	48	48	0	48
NORTH ANNA 1	115	0	32	32	0	32	31	0	31	31	0	31	31	0	31	31	0
NORTH ANNA 2	80	0	31	31	31	0	31	31	0	31	31	0	31	31	0	31	31
OCONEE 1	230	0	30	0	30	30	0	30	0	30	30	0	30	30	0	30	0
OCONEE 2	176	32	0	32	32	0	32	0	32	32	0	32	32	0	32	0	32
OCONEE 3	191	32	0	32	0	32	32	0	32	0	32	32	0	32	0	32	0
OYSTER CRK 1	183	0	31	0	30	1	0	31	0	15	49	0	12	0	27	0	29
PALISADES	193	28	0	27	27	0	0	26	26	0	26	26	26	0	26	26	0
PALO VERDE 1	0	0	0	31	30	24	29	28	28	28	28	28	28	28	28	28	28
PALO VERDE 2	0	0	0	0	27	56	27	28	28	28	28	28	28	28	28	28	28
PALO VERDE 3	0	0	0	0	0	27	34	26	27	28	28	28	28	28	28	28	28
PEACHBOTTOM 2	273	0	43	45	0	44	0	45	45	0	44	45	0	45	44	0	45
PEACHBOTTOM 3	228	52	0	50	0	49	45	0	45	45	0	45	45	0	45	45	0
PERRY 1	0	0	0	46	47	0	39	45	0	46	44	0	45	45	0	45	45
PERRY 2	0	0	0	0	0	0	20	53	0	52	55	0	53	54	0	54	54
PILGRIM 1	212	0	34	34	0	34	0	34	0	34	0	34	34	0	34	0	34
POINT BEACH 1	157	12	12	13	13	11	11	11	11	11	11	11	11	11	11	11	11
POINT BEACH 2	151	13	13	13	11	11	11	11	11	11	11	11	11	11	11	11	11
PRAIRIE ISL 1	114	0	22	10	7	15	15	15	15	0	15	15	15	15	15	0	15
PRAIRIE ISL 2	127	19	15	13	0	0	13	13	13	13	0	13	13	13	13	13	13
QUAD CITIES 1	234	34	0	36	32	0	31	31	0	31	31	0	31	31	0	31	31
QUAD CITIES 2	209	31	30	0	30	30	0	29	30	0	30	29	0	30	30	0	30
RANCHO SECO 1	96	27	26	0	30	32	0	32	28	0	28	28	0	28	28	0	28
ROBINSON 2	96	0	22	22	22	0	22	22	22	22	0	22	22	22	22	0	22
RVR BEND 1	0	0	0	10	31	26	27	28	28	28	28	28	28	28	28	28	28
SALEM 1	124	0	32	39	0	17	46	0	34	4	0	35	70	0	35	35	0

TABLE A.2b. 1984 Inventory and Projected Annual Reactor Discharges, MTIHM (cont'd)

REACTOR	METRIC TONS																
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
SALEM 2	61	0	26	0	18	39	0	4	35	0	39	34	0	72	35	0	35
SAN ONOFRE 1	35	0	19	0	20	0	19	0	19	0	19	0	19	0	19	58	0
SAN ONOFRE 2	28	0	38	38	0	38	0	38	0	38	0	38	0	38	0	38	0
SAN ONOFRE 3	0	28	38	0	38	0	38	0	38	0	38	0	38	38	0	38	0
SEABROOK 1	0	0	0	27	27	27	27	27	27	27	27	27	27	27	27	27	27
SEQUOYAH 1	64	24	0	31	33	0	33	0	37	37	0	37	37	0	37	0	37
SEQUOYAH 2	62	0	26	31	0	31	37	0	37	0	37	37	0	37	0	37	37
SHOREHAM	0	0	0	37	0	32	41	0	20	27	0	16	31	0	0	16	0
SOUTH TEXAS 1	0	0	0	0	39	28	26	26	26	26	26	26	26	26	26	26	26
SOUTH TEXAS 2	0	0	0	0	0	0	15	28	26	26	26	26	26	26	26	26	26
ST LUCIE 1	142	32	0	31	28	0	31	28	0	31	28	31	0	28	31	0	28
ST LUCIE 2	31	0	31	29	0	31	30	0	30	30	0	30	30	0	30	30	0
SUMMER 1	20	31	0	31	31	31	31	0	31	31	31	31	0	31	31	31	31
SURRY 1	217	0	28	28	0	28	28	0	28	28	0	28	28	0	28	28	0
SURRY 2	158	31	28	0	28	28	0	28	28	0	28	28	0	28	28	0	28
SUSQUEHANNA 1	0	35	51	41	0	44	42	0	42	50	0	34	42	0	42	42	0
SUSQUEHANNA 2	0	0	51	0	45	43	0	42	42	0	42	42	0	42	42	0	42
3 MILE ISL 1	97	0	0	58	35	0	32	34	34	0	34	0	34	34	0	34	33
TROJAN	130	17	17	30	25	17	19	18	18	18	18	18	18	18	18	18	18
TURKEY PT 3	175	26	22	0	24	24	0	24	24	0	24	24	0	24	24	0	24
TURKEY PT 4	172	0	0	24	0	26	24	0	24	24	0	24	24	0	24	24	0
VOGTLE 1	0	0	0	0	26	30	30	30	30	30	30	30	30	30	30	30	30
VOGTLE 2	0	0	0	0	0	26	30	30	30	30	30	30	30	30	30	30	30
VT YANKEE 1	224	19	0	17	17	17	17	17	17	17	17	17	17	17	17	17	17
WASH NUCLEAR2	0	0	36	34	28	28	29	29	28	28	28	28	28	28	28	28	28
WATERFORD 3	0	0	31	0	29	30	31	31	0	31	31	31	31	0	31	31	31
WATTS BAR 1	0	0	31	0	31	32	0	29	0	31	0	37	37	0	37	0	37
WATTS BAR 2	0	0	0	31	0	31	32	69	29	0	31	0	37	37	0	37	0
WOLF CRK 1	0	0	0	22	22	22	22	22	22	22	22	22	23	22	22	22	22
YANKEE-ROWE 1	74	0	0	9	0	0	9	0	9	0	0	9	0	18	0	0	0
ZION 1	197	29	20	24	22	22	22	22	22	22	22	22	22	22	22	22	22
ZION 2	192	26	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
MORRIS-BWR	189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORRIS-PWR	132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST VALLEY-B	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEST VALLEY-P	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PWR MTIHM	6787		1121		1442		1711		1730		1533		1610		1739		1650
		903		1253		1605		1489		1605		2004		1600		1592	
BWR MTIHM	4635		821		904		868		870		1093		1082		976		1053
		408		759		862		1058		971		799		922		895	
TOTAL MTIHM	11423		1941		2346		2579		2500		2626		2692		2715		2704
		1311		2012		2480		2557		2576		2803		2582		2467	

TABLE A.3a. 1984 Inventory and Projected Cumulative Reactor Discharges, Assemblies

REACTOR	INV.		ASSEMBLIES																	
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000			
ARK NUCLEAR 1	386	534	452	452	520	520	588	656	656	724	724	792	792	860	928	928	996			
ARK NUCLEAR 2	160	228	305	305	372	372	444	516	516	588	588	660	660	732	804	804	876			
B VALLEY 1	218	218	287	287	356	433	506	506	579	579	652	725	725	798	798	871				
B VALLEY 2	0	0	0	0	0	52	52	125	125	198	271	271	344	417	417	496	563			
BELLEFONTE 1	0	0	0	0	0	0	68	68	152	357	453	521	521	605	701	701	797			
BELLEFONTE 2	0	0	0	0	0	0	0	0	0	68	152	453	453	521	521	605	701			
BIG ROCK 1	172	192	212	232	232	252	272	292	312	332	352	352	372	392	412	432	452			
BRAIDWOOD 1	0	0	0	0	0	60	137	194	251	308	366	422	479	536	593	650	707			
BRAIDWOOD 2	0	0	0	0	0	57	114	171	228	285	342	399	456	513	570	627	684			
BROWNS FERRY1	1068	1322	1322	1580	1580	1832	1832	1832	2116	2116	2400	2400	2684	2684	2968	2968	3252			
BROWNS FERRY2	1188	1158	1404	1404	1404	1652	1652	1952	1952	2236	2236	2520	2520	2804	2804	3088	3088			
BROWNS FERRY3	1084	1084	1240	1240	1520	1520	1768	1768	2052	2052	2336	2336	2620	2620	2904	2904	2904			
BRUNSWICK 1	512	512	692	692	872	1052	1052	1232	1412	1412	1592	1772	1772	1952	2132	2132	2312			
BRUNSWICK-1 PWR POOL	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180	180			
BRUNSWICK 2	752	752	932	1112	1112	1292	1472	1472	1652	1832	1832	2012	2192	2192	2372	2552	2552			
BRUNSWICK-2 PWR POOL	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144			
BYRON 1	0	0	0	57	114	171	228	285	342	399	456	513	570	627	684	741	798			
BYRON 2	0	0	0	0	57	114	171	228	285	342	399	456	513	570	627	684	741			
CALLAWAY 1	0	0	68	148	148	232	312	312	396	476	476	560	640	640	724	804	804			
CALVERT CLF 1	468	544	626	626	702	779	779	852	924	924	996	1068	1068	1140	1212	1212	1284			
CALVERT CLF 2	391	468	488	545	634	634	711	784	784	856	928	928	1000	1072	1072	1144	1216			
CATAWBA 1	0	0	61	122	183	244	305	366	427	427	488	549	610	671	732	793	854			
CATAWBA 2	0	0	0	0	61	122	122	183	244	305	366	427	488	549	610	671	671			
CLINTON 1	0	0	0	192	400	400	584	816	816	1012	1228	1228	1444	1652	1652	1864	2076			
COMANCHE PK 1	0	0	0	64	128	192	256	324	388	452	518	580	648	712	776	844	908			
COMANCHE PK 2	0	0	0	0	0	128	192	254	322	386	450	518	582	646	714	778	842			
COOK 1	488	546	628	628	706	786	786	866	946	946	1026	1106	1186	1186	1266	1266	1266			
COOK 2	336	395	395	483	483	571	659	659	747	747	835	923	923	1011	1099	1099	1275			
COOPER STM	914	914	1034	1150	1270	1390	1506	1626	1746	1858	1974	2090	2202	2318	2430	2542	2654			
CRYSTAL RVR 3	253	318	379	379	436	497	497	557	605	605	661	717	717	773	829	829	885			
DAVIS-BESSE 1	197	197	262	331	331	396	464	464	532	600	600	668	736	736	804	872	872			
DIABLO CNYN 1	0	0	68	132	194	194	256	324	388	452	452	516	580	644	644	708	772			
DIABLO CNYN 2	0	0	65	65	132	194	256	324	388	388	452	516	580	580	644	708	772			
DRESDEN 1	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683	683			
DRESDEN 2	1312	1312	1500	1696	1896	1892	2088	2088	2284	2480	2480	2676	2672	2872	3068	3264	3264			
DRESDEN 3	1188	1344	1496	1496	1656	1808	1808	1968	2128	2128	2288	2448	2448	2608	2768	2768	2928			
DUANE ARNOLD	578	606	696	816	920	920	1176	1384	1384	1424	1544	1544	1664	1784	1784	1904	2024			
ENRICO FERMI2	0	0	0	232	232	524	800	800	1096	1096	1388	1388	1676	1676	1968	2256	2256			
FARLEY 1	273	349	418	418	490	559	559	631	700	700	772	841	841	913	982	982	1054			
FARLEY 2	116	188	264	333	333	405	474	474	546	615	615	687	756	756	828	897	897			
FITZPATRICK	816	1012	1200	1200	1372	1540	1540	1712	1884	1884	2056	2228	2228	2400	2572	2572	2744			
FORT CALHOUN	305	366	366	418	451	451	512	564	564	597	658	658	718	743	743	804	856			
GINNA	332	360	360	416	444	472	500	528	556	584	612	640	668	696	724	752	780			
GRAND GULF 1	0	0	264	264	528	776	776	1040	1304	1568	1568	1832	2096	2096	2360	2624	2624			
GRAND GULF 2	0	0	0	0	0	0	280	488	684	900	1120	1336	1552	1768	1984	2200	2416			
HADDAM NECK	545	598	598	650	702	754	754	806	858	858	910	962	1014	1014	1066	1118	1170			
HARRIS 1	0	0	0	0	0	52	104	104	156	156	208	260	260	312	364	364	416			

TABLE A.3a. 1984 Inventory and Projected Cumulative Reactor Discharges, Assemblies (cont'd)

REACTOR	INV.		ASSEMBLIES																
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		
HATCH 1	957	1049	1149	1244	1372	1500	1628	1756	1884	2012	2140	2268	2396	2524	2652	2780	2908		
HATCH 2	446	554	650	766	902	1038	1174	1310	1446	1582	1718	1854	1990	2126	2262	2398	2534		
HOPE CRK 1	0	0	0	172	444	444	704	976	976	1252	1524	1524	1796	2068	2068	2340	2612		
HUMBOLDT BAY	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390	390		
INDIAN PT 1	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160		
INDIAN PT 2	396	468	468	540	540	589	661	661	733	805	805	877	949	949	1021	1093	1093		
INDIAN PT 3	216	292	292	368	444	444	520	520	596	672	672	748	748	824	900	900	976		
KEMAUNEE	336	373	410	447	484	521	558	595	632	669	706	743	780	817	854	891	928		
LACROSSE	213	237	261	285	309	333	357	381	405	429	453	477	501	525	549	573	597		
LASALLE CTY 1	0	212	212	436	642	642	862	1094	1094	1318	1542	1542	1770	1994	1994	2218	2442		
LASALLE CTY 2	0	0	240	240	560	856	856	1076	1316	1316	1540	1760	1760	1992	2216	2216	2440		
LIMERICK 1	0	0	300	300	692	692	764	960	960	1180	1396	1396	1616	1832	1832	2052	2268		
LIMERICK 2	0	0	0	0	0	0	0	192	192	436	672	672	948	1192	1192	1444	1700		
MAINE YANKEE	721	793	793	865	937	937	1009	1081	1081	1153	1225	1225	1297	1369	1369	1441	1513		
MCQUIRE 1	60	122	184	245	306	367	428	428	489	550	611	672	733	794	855	916	916		
MCQUIRE 2	0	58	120	182	243	304	304	365	426	487	548	609	670	731	731	792	853		
MILLSTONE 1	1336	1336	1536	1736	1736	1916	1916	2116	2116	2316	2496	2496	2696	2696	2896	2896	3076		
MILLSTONE 2	376	453	505	505	577	654	654	706	778	778	855	907	907	979	1056	1056	1108		
MILLSTONE 3	0	0	0	0	66	131	196	260	324	388	388	452	516	580	644	708	708		
MONTICELLO	1136	1240	1348	1452	1556	1660	1764	1868	1972	1972	2076	2180	2284	2388	2388	2492	2596		
NINE MILE PT1	1244	1244	1444	1444	1644	1644	1844	1844	2044	2044	2244	2244	2444	2444	2644	2644	2844		
NINE MILE PT2	0	0	0	0	268	268	532	780	780	1060	1060	1320	1320	1588	1856	1856	2124		
NORTH ANNA 1	250	250	319	388	388	457	525	525	593	661	661	729	797	797	865	933	933		
NORTH ANNA 2	174	174	242	310	378	378	446	514	514	582	650	650	718	786	786	854	922		
OCONEE 1	494	494	559	559	623	687	687	751	751	815	879	879	943	1007	1007	1071	1071		
OCONEE 2	380	448	448	516	584	584	652	652	720	788	788	856	924	924	992	992	1060		
OCONEE 3	412	480	480	548	548	616	684	684	752	752	820	888	888	956	956	1024	1024		
OYSTER CRK 1	980	980	1156	1156	1328	1336	1336	1512	1512	1696	1876	1876	1944	1944	2096	2096	2260		
PALISADES	477	545	545	613	681	681	749	817	817	885	953	1021	1021	1089	1157	1157	1157		
PALO VERDE 1	0	0	0	72	140	208	276	340	404	468	532	596	660	724	788	852	916		
PALO VERDE 2	0	0	0	0	64	264	268	332	396	460	524	588	652	716	780	844	908		
PALO VERDE 3	0	0	0	0	0	64	148	212	276	340	404	468	532	596	660	724	788		
PEACHBOTTOM 2	1522	1522	1756	2002	2002	2242	2242	2486	2730	2730	2970	3214	3214	3458	3698	3698	3942		
PEACHBOTTOM 3	1218	1502	1502	1778	1778	2046	2294	2294	2538	2786	2786	3034	3282	3282	3530	3778	3778		
PERRY 1	0	0	0	252	508	508	724	972	972	1224	1468	1468	1716	1964	1964	2212	2460		
PERRY 2	0	0	0	0	0	0	140	428	428	712	1012	1012	1304	1600	1600	1896	2192		
PILGRIM 1	1123	1123	1315	1507	1507	1699	1699	1891	1891	2083	2083	2275	2467	2467	2659	2659	2851		
POINT BEACH 1	394	423	454	486	518	550	582	614	646	678	710	742	774	806	838	870	902		
POINT BEACH 2	379	411	443	475	507	539	571	603	635	667	699	731	763	795	827	859	891		
PRAIRIE ISL 1	320	320	380	400	420	480	500	540	580	580	620	660	700	740	780	780	820		
PRAIRIE ISL 2	321	374	414	454	454	494	534	574	614	614	654	694	734	774	814	814	854		
QUAD CITIES 1	1240	1432	1432	1648	1832	1832	2008	2184	2184	2360	2536	2536	2712	2888	2888	3064	3240		
QUAD CITIES 2	1100	1276	1444	1444	1616	1784	1784	1948	2116	2116	2284	2448	2448	2616	2784	2784	2952		
RANCHO SECO 1	207	265	322	322	387	456	456	525	586	586	647	708	768	768	826	826	887		
ROBINSON 2	222	222	274	328	378	378	430	482	534	586	586	638	690	742	794	794	846		
RVR BEND 1	0	0	0	52	220	376	524	680	832	984	1136	1292	1444	1596	1748	1904	2056		
SALEM 1	271	271	340	425	425	462	582	582	635	644	644	721	873	873	949	1025	1025		

TABLE A.3a. 1984 Inventory and Projected Cumulative Reactor Discharges, Assemblies (cont'd)

REACTOR	ASSEMBLIES																
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
SALEM 2	133	133	189	189	229	313	313	321	398	396	483	558	558	713	789	789	885
SAN ONOFRE 1	94	94	146	146	199	199	251	251	303	303	355	355	407	407	459	618	618
SAN ONOFRE 2	85	85	154	243	243	332	332	421	421	510	510	599	599	688	688	777	777
SAN ONOFRE 3	0	65	154	154	243	243	332	332	421	421	510	510	599	688	688	777	777
SEABROOK 1	0	0	0	64	128	192	256	320	384	448	512	576	640	704	768	832	896
SEQUOYAH 1	148	193	193	261	333	333	405	405	485	565	565	645	725	725	805	885	885
SEQUOYAH 2	136	136	193	261	261	329	409	409	489	489	569	649	649	729	729	809	889
SHOREHAM	0	0	0	204	204	388	384	604	712	868	868	948	1118	1118	1118	1284	1284
SOUTH TEXAS 1	0	0	0	0	72	124	172	228	288	316	364	412	460	508	557	605	653
SOUTH TEXAS 2	0	0	0	0	0	0	28	68	128	176	224	272	320	368	416	464	512
ST LUCIE 1	372	456	456	540	630	630	714	804	884	888	978	1062	1062	1152	1236	1236	1326
ST LUCIE 2	88	88	164	240	240	320	400	400	480	560	560	640	720	720	800	880	880
SUMMER 1	44	112	112	180	248	316	384	384	452	520	588	656	656	724	792	860	928
SURRY 1	477	477	538	599	599	659	720	720	780	841	841	901	962	962	1022	1083	1083
SURRY 2	349	417	478	478	538	599	599	659	720	720	780	841	841	901	962	962	1022
SUSQUEHANNA 1	0	192	468	692	692	948	1188	1188	1428	1784	1784	1988	2148	2148	2388	2628	2628
SUSQUEHANNA 2	0	0	276	276	528	756	756	996	1236	1236	1476	1716	1716	1956	2196	2196	2436
3 MILE ISL 1	208	208	208	333	410	410	479	552	625	625	698	698	771	844	844	917	989
TROJAN	283	319	355	420	475	512	553	593	633	673	713	753	793	833	873	913	953
TURKEY PT 3	387	443	491	491	543	595	595	647	699	699	751	803	803	855	907	907	959
TURKEY PT 4	379	379	379	431	431	487	539	539	591	643	643	695	747	747	799	851	851
VOGTLE 1	0	0	0	0	50	121	186	251	316	381	446	511	576	641	705	771	836
VOGTLE 2	0	0	0	0	0	50	121	186	251	316	381	446	511	576	641	706	770
VT YANKEE 1	1282	1386	1386	1398	1400	1582	1674	1766	1858	1950	2042	2134	2226	2318	2410	2502	2594
WASH NUCLEAR2	0	0	196	388	536	688	852	1016	1176	1336	1496	1656	1816	1976	2136	2296	2456
WATERFORD 3	0	0	73	73	145	217	289	362	362	434	506	579	651	651	723	796	868
WATTS BAR 1	0	0	68	68	136	208	208	272	272	340	340	420	500	500	580	580	660
WATTS BAR 2	0	0	0	68	68	136	208	401	485	485	533	533	613	693	693	773	773
WOLF CRK 1	0	0	0	48	96	144	192	240	288	336	384	432	481	528	576	624	672
YANKEE-ROWE 1	308	336	336	378	412	412	452	488	528	528	584	604	604	660	680	680	680
ZION 1	433	496	540	592	640	688	736	784	832	880	928	976	1024	1072	1120	1168	1216
ZION 2	422	478	526	574	622	670	718	766	814	862	910	958	1006	1054	1102	1150	1198
MORRIS-BWR	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879
MORRIS-PWR	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
WEST VALLEY-B	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310	310
WEST VALLEY-P	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121
PWR ASSEMBLIES	18087	20767	27023	34642	42076	49322	57596	65434	72905	18209	23674	30692	38110	45742	53902	61451	69101
BWR ASSEMBLIES	25481	32247	41414	51066	61786	73236	83670	94186	104982	27723	36434	46274	56962	67186	77666	88762	99142
TOTAL ASSEMBLIES	41548	53014	68437	85708	103862	122558	141266	159620	177887	45932	60108	76966	95072	112928	131568	150213	168243

TABLE A.3b. 1984 Inventory and Projected Cumulative Reactor Discharges, MTHM

REACTOR	METRIC TONS																			
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000			
ARK NUCLEAR 1	178	178	209	209	241	241	272	304	304	336	336	367	367	399	430	430	462			
ARK NUCLEAR 2	68	95	128	128	156	156	186	216	216	246	246	276	276	306	336	336	366			
B VALLEY 1	100	100	132	132	165	199	233	233	266	266	300	334	334	367	367	401				
B VALLEY 2	0	0	0	0	0	24	24	58	58	91	125	125	159	192	192	226	260			
BELLEFONTE 1	0	0	0	0	0	0	31	31	67	100	134	168	202	236	270	304	338			
BELLEFONTE 2	0	0	0	0	0	0	0	0	0	31	67	103	137	171	205	239	273			
BIG ROCK 1	22	25	28	30	30	33	35	38	41	43	46	48	48	51	53	56	59			
BRAIDWOOD 1	0	0	0	0	0	34	58	82	106	130	154	178	202	227	251	275	299			
BRAIDWOOD 2	0	0	0	0	0	24	48	72	96	120	145	169	193	217	241	265	289			
BROWNS FERRY1	201	247	247	294	294	340	340	340	392	392	443	443	495	495	546	546	598			
BROWNS FERRY2	222	222	261	261	261	307	307	362	362	414	414	465	465	517	517	568	568			
BROWNS FERRY3	187	187	230	230	261	261	327	327	378	378	430	430	481	481	533	533	533			
BRUNSWICK 1	96	96	129	129	163	196	196	230	264	264	297	331	331	365	398	398	432			
BRUNSWICK-1 PWR POOL	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69			
BRUNSWICK 2	141	141	174	208	208	242	275	275	309	343	343	375	410	410	444	477	477			
BRUNSWICK-2 PWR POOL	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65			
BYRON 1	0	0	0	24	48	72	96	120	145	169	193	217	241	265	289	313	337			
BYRON 2	0	0	0	0	24	48	72	96	120	145	169	193	217	241	265	289	313			
CALLAWAY 1	0	0	31	68	68	105	139	139	175	209	209	244	278	278	314	347	347			
CALVERT CLF 1	179	209	240	240	270	300	300	329	357	357	385	413	413	442	470	470	498			
CALVERT CLF 2	149	178	176	209	244	244	274	302	302	331	359	359	387	415	415	444	472			
CATAWBA 1	0	0	26	52	78	103	129	155	181	181	207	233	258	284	310	336	362			
CATAWBA 2	0	0	0	0	26	52	78	103	129	155	181	207	233	258	258	284				
CLINTON 1	0	0	0	35	73	73	107	149	149	185	225	225	264	302	302	341	380			
COMANCHE PK 1	0	0	0	30	59	89	120	146	171	197	223	249	276	302	328	355	381			
COMANCHE PK 2	0	0	0	0	0	53	80	107	136	162	188	215	241	267	294	320	346			
COOK 1	204	238	274	274	311	311	348	385	385	421	421	458	495	495	532	569	569			
COOK 2	154	178	178	213	213	249	285	285	320	320	356	391	391	427	462	462	533			
COOPER STN	172	172	194	215	237	259	280	302	324	344	365	387	407	428	449	469	489			
CRYSTAL RVR 3	118	148	176	176	202	231	231	259	281	281	307	333	333	359	385	385	411			
DAVIS-BESSE 1	93	93	123	156	156	186	218	218	250	282	282	314	345	345	377	409	409			
DIABLO CNYN 1	0	0	31	61	89	89	120	149	178	208	208	237	266	296	296	325	355			
DIABLO CNYN 2	0	0	30	30	61	89	119	149	178	178	207	237	266	266	296	325	354			
DRESDEN 1	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69			
DRESDEN 2	247	247	281	316	316	351	387	387	422	457	457	492	528	528	563	598	598			
DRESDEN 3	222	254	282	282	312	340	340	369	397	397	427	456	456	486	515	515	545			
DJANE ARNOLD	187	129	129	151	170	170	217	241	241	263	284	284	306	328	328	350	372			
ENRICO FERMI2	0	0	0	43	43	96	147	147	201	201	254	254	306	306	360	412	412			
FARLEY 1	125	160	192	192	225	257	257	290	322	322	355	387	387	420	452	452	485			
FARLEY 2	53	86	121	153	153	186	218	218	251	283	283	316	348	348	381	413	413			
FITZPATRICK	153	189	223	223	255	286	286	317	348	348	379	409	409	440	471	471	502			
FORT CALHOUN	112	134	134	152	164	164	186	205	205	217	238	238	257	269	269	291	309			
GINNA	128	139	149	160	169	179	189	199	209	218	228	238	248	258	267	277	287			
GRAND GULF 1	0	0	49	49	97	143	143	189	236	282	282	329	376	376	422	469	469			
GRAND GULF 2	0	0	0	0	0	0	48	96	126	167	206	246	286	326	365	405	444			
HADDAM NECK	225	247	247	268	289	311	311	332	353	353	375	396	417	417	439	460	482			
HARRIS 1	0	0	0	0	0	24	48	48	73	73	97	121	121	145	169	169	193			

TABLE A.3b. 1984 Inventory and Projected Cumulative Reactor Discharges, MTIHM (cont'd)

REACTOR	METRIC TONS																
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
HATCH 1	175	192	210	228	251	275	298	321	345	368	391	415	438	461	485	508	531
HATCH 2	82	102	119	141	166	191	215	240	265	290	315	339	364	389	414	439	463
HOPE CRK 1	0	0	0	31	81	81	128	178	178	228	277	277	327	376	376	426	475
HUMBOLDT BAY	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
INDIAN PT 1	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
INDIAN PT 2	179	212	212	244	244	267	300	300	333	366	366	399	432	432	465	498	498
INDIAN PT 3	99	133	133	168	203	203	237	237	272	307	307	341	341	376	411	411	445
KEMAUNEE	132	146	161	175	189	203	217	231	246	260	274	288	302	317	331	345	359
LACROSSE	26	28	30	33	35	38	41	43	46	48	51	54	58	59	61	64	67
LASALLE CTY 1	0	39	39	80	118	118	158	200	200	241	281	281	323	364	364	405	445
LASALLE CTY 2	0	0	44	44	103	157	157	197	241	241	281	322	322	364	404	404	445
LIMERICK 1	0	0	56	56	128	128	141	177	177	217	257	257	297	336	336	377	416
LIMERICK 2	0	0	0	0	0	0	0	35	35	79	122	122	173	217	217	263	309
MAINE YANKEE	273	300	300	327	354	354	381	408	408	435	462	462	489	516	516	543	570
MCQUIRE 1	28	57	86	112	136	163	189	189	215	241	267	293	318	344	370	396	396
MCQUIRE 2	0	27	55	84	110	136	136	161	187	213	239	265	291	317	317	342	368
MILLSTONE 1	253	253	289	324	324	356	356	392	392	427	459	459	495	495	530	530	562
MILLSTONE 2	145	176	197	197	227	258	258	279	308	308	339	368	368	398	421	421	442
MILLSTONE 3	0	0	0	0	31	60	90	120	150	179	179	209	238	268	297	327	327
MONTECELLO	212	232	250	268	287	305	323	342	360	360	379	397	415	434	434	452	471
NINE MILE PT1	235	235	270	270	306	306	341	341	376	376	411	411	447	447	482	482	517
NINE MILE PT2	0	0	0	0	48	48	96	144	144	192	192	240	240	289	337	337	385
NORTH ANNA 1	115	115	147	178	178	210	242	242	273	304	304	336	367	367	398	430	430
NORTH ANNA 2	80	80	111	143	174	174	205	237	237	268	300	300	331	362	362	394	425
OCONEE 1	230	230	260	260	290	319	319	349	349	379	408	408	438	468	468	497	497
OCONEE 2	176	208	208	239	271	271	302	302	334	365	365	397	429	429	460	460	492
OCONEE 3	191	222	222	254	254	285	317	317	348	348	380	411	411	443	443	475	475
OYSTER CRK 1	183	183	214	214	244	246	246	277	277	291	341	341	353	353	380	380	409
PALISADES	193	219	219	246	272	272	299	325	325	352	378	404	404	431	457	457	484
PALO VERDE 1	0	0	0	31	61	85	114	142	169	197	225	253	281	309	337	365	393
PALO VERDE 2	0	0	0	0	27	83	111	138	166	194	222	250	278	306	334	362	389
PALO VERDE 3	0	0	0	0	0	27	81	87	114	142	170	197	225	253	281	309	337
PEACHBOTTOM 2	273	273	316	361	361	405	405	450	495	495	539	584	584	629	674	674	719
PEACHBOTTOM 3	228	279	279	330	330	379	424	424	469	514	514	559	604	604	650	695	695
PERRY 1	0	0	0	46	93	93	132	177	177	223	268	268	313	358	358	403	448
PERRY 2	0	0	0	0	0	0	26	78	78	130	185	185	238	292	292	346	400
PILGRIM 1	212	212	246	280	280	314	314	348	348	382	382	416	450	450	484	484	518
POINT BEACH 1	157	188	181	193	208	218	229	240	252	263	274	286	297	308	320	331	342
POINT BEACH 2	151	164	177	189	201	212	223	235	246	257	269	280	291	303	314	326	337
PRAIRIE ISL 1	114	114	138	146	153	168	183	197	212	212	226	241	256	270	285	285	300
PRAIRIE ISL 2	127	146	161	174	174	188	201	214	228	228	241	254	267	281	294	307	307
QUAD CITIES 1	234	268	268	306	339	339	378	401	401	432	463	463	494	525	525	556	587
QUAD CITIES 2	209	240	270	270	300	330	330	359	388	388	418	447	447	476	506	506	536
RANCHO SECO 1	96	123	149	149	179	211	211	243	271	271	300	328	328	354	382	382	410
ROBINSON 2	96	96	118	140	163	163	185	207	230	252	252	274	297	319	342	342	364
RVR BEND 1	0	0	0	10	40	89	96	125	152	160	208	236	264	292	319	346	375
SALEM 1	124	124	156	195	195	212	258	258	292	298	298	331	401	401	436	471	471

TABLE A.3b. 1984 Inventory and Projected Cumulative Reactor Discharges, MTIHM (cont'd)

REACTOR	METRIC TONS																
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
SALEM 2	61	61	87	87	105	144	144	147	183	183	222	255	255	327	362	362	397
SAN ONOFRE 1	35	35	54	54	74	74	93	93	112	112	131	131	161	161	170	228	228
SAN ONOFRE 2	28	28	68	104	104	142	142	180	180	218	218	256	256	294	294	332	332
SAN ONOFRE 3	0	28	66	66	104	104	142	142	180	180	218	218	256	294	294	332	332
SEABROOK 1	0	0	0	27	54	81	100	135	163	190	217	244	271	298	325	352	379
SEQUOYAH 1	64	89	89	120	153	153	186	186	223	260	260	296	333	333	370	370	407
SEQUOYAH 2	62	62	89	120	120	151	188	188	225	225	261	298	298	335	335	372	406
SHOREHAM	0	0	0	37	37	70	110	110	130	157	157	173	204	204	204	220	220
SOUTH TEXAS 1	0	0	0	0	39	67	93	118	144	170	196	222	248	273	300	326	352
SOUTH TEXAS 2	0	0	0	0	0	0	15	43	69	95	121	146	172	198	224	250	276
ST LUCIE 1	142	174	174	205	233	233	264	293	293	324	352	383	383	412	443	443	471
ST LUCIE 2	31	31	62	90	90	121	151	151	182	212	212	243	273	273	303	334	334
SUMMER 1	20	51	51	83	114	145	176	176	208	239	270	302	302	333	364	395	427
SURRY 1	217	217	244	272	272	300	328	328	356	384	384	411	439	439	467	495	495
SURRY 2	158	189	217	217	245	273	273	300	328	328	356	384	384	411	439	439	467
SUSQUEHANNA 1	0	35	86	127	127	171	213	213	255	305	305	339	381	381	423	465	465
SUSQUEHANNA 2	0	0	51	51	95	139	139	181	223	223	266	308	308	350	393	393	435
3 MILE ISL 1	97	97	97	155	190	190	222	256	290	290	324	324	358	391	391	425	459
TROJAN	130	147	183	193	218	235	254	273	291	309	328	346	365	383	402	420	439
TURKEY PT 3	175	201	223	223	247	271	271	295	318	318	342	366	366	390	414	414	438
TURKEY PT 4	172	172	172	196	196	221	245	245	269	293	293	317	341	341	365	389	389
VOGTLE 1	0	0	0	0	26	56	86	116	146	176	206	236	266	296	326	356	386
VOGTLE 2	0	0	0	0	0	26	56	86	116	146	176	206	236	266	296	326	356
VT YANKEE 1	224	243	243	260	277	294	310	327	344	361	378	394	411	428	445	462	478
WASH NUCLEAR2	0	0	36	69	98	125	155	184	212	240	268	296	325	353	381	409	437
WATERFORD 3	0	0	31	31	60	89	120	151	151	182	213	244	275	275	305	337	367
WATTS BAR 1	0	0	31	31	61	94	94	123	123	154	154	191	228	228	264	264	301
WATTS BAR 2	0	0	0	31	31	61	93	182	211	211	243	243	279	316	316	353	353
WOLF CRK 1	0	0	0	22	44	66	89	111	133	155	177	199	222	244	266	288	310
YANKEE-ROWE 1	74	82	82	91	100	100	109	118	127	127	135	145	145	163	163	163	163
ZION 1	197	226	246	270	292	314	336	358	380	402	424	446	468	490	511	533	555
ZION 2	192	217	239	261	283	305	327	349	371	393	415	437	459	480	502	524	546
MORRIS-BWR	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169	169
MORRIS-PWR	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
WEST VALLEY-B	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
WEST VALLEY-P	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
PWR MTIHM	6787	8811	11505	14821	18040	21178	24792	28191	31433	7690	10063	13111	16310	19645	23182	26452	29783
BWR MTIHM	4635	5864	7527	9278	11216	13280	15162	17059	19008	5043	6623	8410	10346	12187	14079	16083	17954
TOTAL MTIHM	11423	14674	19032	24099	29256	34458	39954	45250	50441	12733	16686	21520	26656	31832	37261	42535	47737

TABLE A.4a. Projected Annual Storage Requirements -
Maximum AR Capacity, Assemblies

REACTOR	ASSEMBLIES															
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WILLSTONE 2	3	52	0	72	77	0	52	72	0	77	52	0	72	77	0	52
SURRY 1&2	0	60	13	60	121	61	60	121	61	60	121	61	60	121	61	60
PALISADES	0	0	19	68	0	0	68	68	0	68	68	68	0	68	68	0
ST LUCIE 1	0	0	29	90	0	64	90	0	64	90	64	0	90	64	0	90
WILLSTONE 1	0	0	132	0	180	0	200	0	200	180	0	200	0	200	0	180
PEACHBOTTOM 2	0	0	158	0	240	0	244	244	0	240	244	0	244	240	0	244
OCONEE 1&2	0	0	0	72	64	68	64	68	132	64	68	132	64	68	64	68
BRUNSWICK 2	0	0	0	0	13	180	0	180	0	180	180	0	180	180	0	0
LASALLE CTY 1&2	0	0	0	0	102	220	452	240	224	448	228	228	448	224	224	448
PEACHBOTTOM 3	0	0	0	0	202	248	0	244	248	0	248	248	0	248	248	0
ROBINSON 2	0	0	0	0	0	22	52	52	52	0	52	52	52	52	0	52
OCONEE 3	0	0	0	0	0	36	0	68	0	68	68	0	68	0	68	0
PRAIRIE ISL 1&2	0	0	0	0	0	0	60	80	40	40	80	80	80	80	40	80
CALVERT CLF 1&2	0	0	0	0	0	0	23	72	72	144	72	72	144	72	72	144
PILGRIM 1	0	0	0	0	0	0	151	0	192	0	192	192	0	192	0	192
LACROSSE	0	0	0	0	0	0	13	24	24	24	24	24	24	24	24	24
FITZPATRICK	0	0	0	0	0	0	26	172	0	172	172	0	172	172	0	172
BRUNSWICK 1	0	0	0	0	0	0	0	169	0	180	180	0	180	180	0	180
INDIAN PT 2	0	0	0	0	0	0	0	0	18	0	72	72	0	72	72	0
COOPER STN	0	0	0	0	0	0	0	0	40	116	116	112	116	112	112	112
FORT CALHOUN	0	0	0	0	0	0	0	0	1	61	0	52	33	0	61	52
INDIAN PT 3	0	0	0	0	0	0	0	0	25	0	76	0	76	76	0	76
DAVIS-BESSE 1	0	0	0	0	0	0	0	0	42	0	68	68	0	68	68	0
OYSTER CRK 1	0	0	0	0	0	0	0	0	0	60	0	60	0	152	0	164
POINT BEACH 1&2	0	0	0	0	0	0	0	0	0	28	64	64	64	64	64	64
ARK NUCLEAR 1	0	0	0	0	0	0	0	0	0	0	1	0	68	68	0	68
ZION 1&2	0	0	0	0	0	0	0	0	0	0	48	96	96	96	96	96
BYRON 1&2	0	0	0	0	0	0	0	0	0	0	112	114	114	114	114	114
SEQUOYAH 1&2	0	0	0	0	0	0	0	0	0	0	101	60	80	80	80	160
DRESDEN 2	0	0	0	0	0	0	0	0	0	0	0	59	0	196	196	0
BRAIDWOOD 1&2	0	0	0	0	0	0	0	0	0	0	0	78	114	114	114	114
HADDAM NECK	0	0	0	0	0	0	0	0	0	0	0	3	0	52	52	52
BIG ROCK 1	0	0	0	0	0	0	0	0	0	0	0	15	20	20	20	20
ENRICO FERMI2	0	0	0	0	0	0	0	0	0	0	0	135	0	292	288	0
B VALLEY 1	0	0	0	0	0	0	0	0	0	0	0	47	0	73	0	73
MAINE YANKEE	0	0	0	0	0	0	0	0	0	0	0	38	72	0	72	72
SAN ONOFRE 1,2,3	0	0	0	0	0	0	0	0	0	0	0	6	178	52	335	0
PERRY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	292	0	544	544
COOK 1&2	0	0	0	0	0	0	0	0	0	0	0	0	40	160	80	178
DUANE ARNOLD	0	0	0	0	0	0	0	0	0	0	0	0	102	0	120	120
WILLSTONE 3	0	0	0	0	0	0	0	0	0	0	0	0	17	64	64	0
BROWNS FERRY2	0	0	0	0	0	0	0	0	0	0	0	0	97	0	264	0
WATTS BAR 1&2	0	0	0	0	0	0	0	0	0	0	0	0	74	80	80	80
NORTH ANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	3	68	136	68
WASH NUCLEAR2	0	0	0	0	0	0	0	0	0	0	0	0	82	160	160	160
NINE MILE PT1	0	0	0	0	0	0	0	0	0	0	0	0	0	176	0	200
BROWNS FERRY1	0	0	0	0	0	0	0	0	0	0	0	0	0	261	0	284
BROWNS FERRY3	0	0	0	0	0	0	0	0	0	0	0	0	0	137	0	0
VT YANKEE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	78	92	92
Kewaunee	0	0	0	0	0	0	0	0	0	0	0	0	0	12	37	37
ST LUCIE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	0
SALEM 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	0
ARK NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
DRESDEN 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187
CLINTON 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
SUSQUEHANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140
LIMERICK 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170
PWR ASSEMBLIES	3		61	262		489		527		1207		1659		1957		
		112		362		277		601		700		1183		1943		1913
BWR ASSEMBLIES	0		290	737		1088		1108		1584		1777		2492		
		0		0		648		1273		1420		1461		3304		3581
TOTAL ASSEMBLIES	3		351	999		1577		1635		2791		3436		4459		
		112		362		925		1874		2120		2644		5247		5494

TABLE A.4b. Projected Annual Storage Requirements -
Maximum AR Capacity, MTIHM

REACTOR	METRIC TONS															
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WILLSTONE 2	1	21	0	29	31	0	21	29	0	31	21	0	29	31	0	21
SURRY 1&2	0	27	0	28	56	28	28	56	28	28	56	28	28	56	28	28
PALISADES	0	0	7	27	0	0	26	26	0	26	26	26	0	26	26	0
ST LUCIE 1	0	0	11	28	0	31	28	0	31	28	31	0	28	31	0	28
WILLSTONE 1	0	0	23	0	32	0	36	0	35	32	0	36	0	35	0	32
PEACHBOTTOM 2	0	0	29	0	44	0	45	45	0	44	45	0	45	44	0	45
DCONEE 1&2	0	0	0	33	30	32	30	32	61	30	32	61	30	32	30	32
BRUNSWICK 2	0	0	0	0	2	34	0	34	34	0	34	34	0	34	34	0
LASALLE CTY 1&2	0	0	0	0	19	40	82	44	41	82	41	42	82	41	41	82
PEACHBOTTOM 3	0	0	0	0	37	45	0	45	45	0	45	45	0	45	45	0
ROBINSON 2	0	0	0	0	0	9	22	22	22	0	22	22	22	22	0	22
DCONEE 3	0	0	0	0	0	17	0	32	0	32	32	0	32	0	32	0
PRAIRIE ISL 1&2	0	0	0	0	0	2	28	28	13	15	28	28	28	28	13	28
CALVERT CLF 1&2	0	0	0	0	0	0	9	28	28	57	28	28	57	28	28	57
PILGRIM 1	0	0	0	0	0	0	27	0	34	0	34	34	0	34	0	34
LACROSSE	0	0	0	0	0	0	1	3	3	3	3	3	3	3	3	3
FITZPATRICK	0	0	0	0	0	0	5	31	0	31	31	0	31	31	0	31
BRUNSWICK 1	0	0	0	0	0	0	0	32	0	34	34	0	34	34	0	34
INDIAN PT 2	0	0	0	0	0	0	0	0	0	33	33	0	33	33	0	33
COOPER STN	0	0	0	0	0	0	0	0	7	21	21	20	21	20	20	20
FORT CALHOUN	0	0	0	0	0	0	0	0	22	0	19	12	0	22	19	19
INDIAN PT 3	0	0	0	0	0	0	0	0	11	0	35	0	35	35	0	35
DAVIS-BESSE 1	0	0	0	0	0	0	0	0	20	0	32	32	0	32	32	0
OYSTER CRK 1	0	0	0	0	0	0	0	0	0	11	0	12	0	21	0	0
POINT BEACH 1&2	0	0	0	0	0	0	0	0	0	10	23	23	23	23	0	23
ARK NUCLEAR 1	0	0	0	0	0	0	0	0	0	0	0	32	32	0	32	32
ZION 1&2	0	0	0	0	0	0	0	0	0	22	44	44	44	44	44	44
BYRON 1&2	0	0	0	0	0	0	0	0	0	0	47	48	48	48	48	48
SEQUOYAH 1&2	0	0	0	0	0	0	0	0	0	0	46	37	37	37	37	73
DRESDEN 2	0	0	0	0	0	0	0	0	0	0	0	11	0	35	35	0
BRAIDWOOD 1&2	0	0	0	0	0	0	0	0	0	0	33	48	48	48	48	48
HADDAM NECK	0	0	0	0	0	0	0	0	0	0	1	0	21	21	21	21
BIG ROCK 1	0	0	0	0	0	0	0	0	0	0	2	3	3	3	3	3
ENRICO FERMI 2	0	0	0	0	0	0	0	0	0	0	0	25	0	53	52	0
B VALLEY 1	0	0	0	0	0	0	0	0	0	0	22	0	34	0	34	34
MAINE YANKEE	0	0	0	0	0	0	0	0	0	0	14	27	0	27	27	27
SAN ONOFRE 1,2, &3	0	0	0	0	0	0	0	0	0	0	2	76	19	134	0	0
PERRY 1&2	0	0	0	0	0	0	0	0	0	0	0	53	0	99	99	99
COOK 1&2	0	0	0	0	0	0	0	0	0	0	0	16	72	37	71	71
DUANE ARNOLD	0	0	0	0	0	0	0	0	0	0	0	19	0	22	22	22
WILLSTONE 3	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	0
BROWNS FERRY 2	0	0	0	0	0	0	0	0	0	0	0	0	18	0	52	0
WATTS BAR 1&2	0	0	0	0	0	0	0	0	0	0	0	0	34	37	37	37
NORTH ANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	1	31	63	31
WASH NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	14	28	28	28
NINE MILE PT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	31	0	35
BROWNS FERRY 1	0	0	0	0	0	0	0	0	0	0	0	0	0	47	0	52
BROWNS FERRY 3	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0
VT YANKEE 1	0	0	0	0	0	0	0	0	0	0	0	0	14	17	17	17
KEWAUNEE	0	0	0	0	0	0	0	0	0	0	0	0	0	5	14	14
ST LUCIE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALEM 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0
ARK NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
DRESDEN 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
CLINTON 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
SUSQUEHANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
LIMERICK 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
PWR MTIHM	1	49	24	145	116	119	193	224	278	514	502	693	834	836	799	
BWR MTIHM	0	0	52	0	134	119	196	199	257	287	262	322	596	450	645	
TOTAL MTIHM	1	49	76	145	250	238	389	423	534	801	764	1016	1430	1287	1445	

TABLE A.5a. Projected Cumulative Storage Requirements -
Maximum AR Capacity, Assemblies

REACTOR	ASSEMBLIES																
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
MILLSTONE 2	3	55	55	127	204	204	256	328	328	405	457	457	529	606	606	658	
SURRY 1&2	0	60	73	133	254	315	375	496	557	617	736	799	859	980	1041	1101	
PALISADES	0	0	19	87	87	87	155	223	223	291	359	427	427	495	563	563	
ST LUCIE 1	0	0	29	119	119	203	293	293	377	467	551	551	641	725	725	815	
MILLSTONE 1	0	0	132	132	312	312	512	512	892	892	1092	1092	1292	1292	1472		
PEACHBOTTOM 2	0	0	158	158	398	398	642	886	886	1126	1370	1370	1614	1854	1854	2098	
DCONEE 1&2	0	0	0	72	136	204	268	336	408	532	600	732	796	864	928	996	
BRUNSWICK 2	0	0	0	0	13	193	193	373	553	553	733	913	913	1093	1273	1273	
LASALLE CTY 1&2	0	0	0	0	102	322	774	1014	1236	1686	1914	2142	2590	2814	3038	3466	
PEACHBOTTOM 3	0	0	0	0	202	450	450	694	942	942	1190	1438	1438	1686	1934	1934	
ROBINSON 2	0	0	0	0	0	22	74	126	178	178	230	282	334	386	386	438	
DCONEE 3	0	0	0	0	0	36	36	104	104	172	240	240	308	308	376	376	
PRAIRIE ISL 1&2	0	0	0	0	0	6	86	166	206	246	326	406	486	566	606	686	
CALVERT CLF 1&2	0	0	0	0	0	0	23	95	167	311	383	455	599	671	743	867	
PILGRIM 1	0	0	0	0	0	0	151	151	343	343	535	727	727	919	919	1111	
LACROSSE	0	0	0	0	0	0	13	37	61	85	109	133	157	181	205	229	
FITZPATRICK	0	0	0	0	0	0	28	200	200	372	544	544	716	888	888	1060	
BRUNSWICK 1	0	0	0	0	0	0	0	169	169	349	529	529	709	889	889	1069	
INDIAN PT 2	0	0	0	0	0	0	0	0	18	18	90	162	162	234	306	306	
COOPER STN	0	0	0	0	0	0	0	0	40	156	272	384	500	612	724	836	
FORT CALHOUN	0	0	0	0	0	0	0	0	1	62	62	114	147	147	208	260	
INDIAN PT 3	0	0	0	0	0	0	0	0	25	25	181	181	177	253	253	329	
DAVIS-BESSE 1	0	0	0	0	0	0	0	0	42	42	110	178	178	246	314	314	
OYSTER CRK 1	0	0	0	0	0	0	0	0	0	60	60	128	128	200	200	444	
POINT BEACH 1&2	0	0	0	0	0	0	0	0	0	28	92	156	220	284	348	412	
ARK NUCLEAR 1	0	0	0	0	0	0	0	0	0	0	1	1	69	137	137	205	
ZION 1&2	0	0	0	0	0	0	0	0	0	0	48	144	240	336	432	528	
BYRON 1&2	0	0	0	0	0	0	0	0	0	0	112	226	340	454	568	682	
SEQUOYAH 1&2	0	0	0	0	0	0	0	0	0	0	101	181	261	341	421	501	
DRESDEN 2	0	0	0	0	0	0	0	0	0	0	0	59	59	255	451	451	
BRAIDWOOD 1&2	0	0	0	0	0	0	0	0	0	0	0	78	192	306	420	534	
HADDAM NECK	0	0	0	0	0	0	0	0	0	0	0	3	3	55	107	159	
BIG ROCK 1	0	0	0	0	0	0	0	0	0	0	0	15	35	55	75	95	
ENRICO FERMI 2	0	0	0	0	0	0	0	0	0	0	0	135	135	427	715	715	
B VALLEY 1	0	0	0	0	0	0	0	0	0	0	0	47	47	120	120	193	
MAINE YANKEE	0	0	0	0	0	0	0	0	0	0	0	38	110	110	182	254	
SAN ONOFRE 1, 2, & 3	0	0	0	0	0	0	0	0	0	0	0	6	184	236	571	571	
PERRY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	292	292	836	1380	
COOK 1&2	0	0	0	0	0	0	0	0	0	0	0	0	40	200	268	464	
DUANE ARNOLD	0	0	0	0	0	0	0	0	0	0	0	0	102	102	222	342	
MILLSTONE 3	0	0	0	0	0	0	0	0	0	0	0	0	17	81	145	145	
BROWNS FERRY 2	0	0	0	0	0	0	0	0	0	0	0	0	97	97	301	301	
WATTS BAR 1&2	0	0	0	0	0	0	0	0	0	0	0	0	74	154	234	314	
NORTH ANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	3	71	207	275	
WASH NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	82	242	402	562	
NINE MILE PT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	176	176	376	
BROWNS FERRY 1	0	0	0	0	0	0	0	0	0	0	0	0	0	261	261	545	
BROWNS FERRY 3	0	0	0	0	0	0	0	0	0	0	0	0	0	197	197	197	
VT YANKEE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	78	178	262	
KEWAUNEE	0	0	0	0	0	0	0	0	0	0	0	0	0	12	49	86	
ST LUCIE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	
SALEM 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	
ARK NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	
DRESDEN 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	107	
CLINTON 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	
SUSQUEHANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	
LIMERICK 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170	
PWR ASSEMBLIES	3	115	176	538	1077	1566	2167	3394	4601	5784	7443	9386	11353	13266			
BWR ASSEMBLIES	0	0	290	290	1027	1675	2763	4036	5144	6564	8148	9609	11366	14698	17182	20763	
TOTAL ASSEMBLIES	3	115	466	828	1827	2752	4329	6203	7638	9958	12749	16393	18829	24076	28535	34029	

TABLE A.5b. Projected Cumulative Storage Requirements -
Maximum AR Capacity, MTIHM

REACTOR	METRIC TONS																			
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000				
WILLSTONE 2	1	22	22	52	83	83	104	133	133	164	185	185	215	246	246	267				
SURRY 1&2	0	27	33	61	116	144	172	228	256	283	339	367	394	450	478	505				
PALISADES	0	0	7	34	34	34	60	87	87	113	140	166	186	193	219	219				
ST LUCIE 1	0	0	11	39	39	70	99	99	130	158	189	189	218	249	249	277				
WILLSTONE 1	0	0	23	23	55	55	91	91	126	158	158	194	194	229	229	261				
PEACHBOTOM 2	0	0	29	29	73	73	118	163	163	207	252	252	297	342	342	387				
DCONEE 1&2	0	0	0	33	63	95	124	156	217	247	278	339	369	401	430	462				
BRUNSWICK 2	0	0	0	0	2	36	36	70	103	103	137	171	171	204	238	238				
LASALLE CTY 1&2	0	0	0	0	19	59	141	185	225	307	348	389	472	513	553	635				
PEACHBOTOM 3	0	0	0	0	37	62	82	127	172	172	217	262	262	308	353	353				
ROBINSON 2	0	0	0	0	0	9	32	54	77	77	99	121	144	166	166	188				
DCONEE 3	0	0	0	0	0	17	17	48	48	80	111	111	143	143	174	174				
PRAIRIE ISL 1&2	0	0	0	0	0	2	30	58	71	86	114	142	170	198	211	239				
CALVERT CLF 1&2	0	0	0	0	0	0	9	37	66	122	150	179	235	264	292	348				
PILGRIM 1	0	0	0	0	0	0	27	27	61	61	95	129	129	163	163	197				
LACROSSE	0	0	0	0	0	0	1	4	7	9	12	14	17	20	22	25				
FITZPATRICK	0	0	0	0	0	0	5	36	36	67	98	98	129	160	160	191				
BRUNSWICK 1	0	0	0	0	0	0	0	32	32	65	99	99	133	166	166	200				
INDIAN PT 2	0	0	0	0	0	0	0	0	8	8	41	74	74	107	140	140				
COOPER STN	0	0	0	0	0	0	0	0	7	28	50	70	91	112	132	152				
FORT CALHOUN	0	0	0	0	0	0	0	0	0	22	22	41	53	53	74	93				
INDIAN PT 3	0	0	0	0	0	0	0	0	11	11	46	46	81	115	115	150				
DAVIS-BESSE 1	0	0	0	0	0	0	0	0	20	20	52	83	83	115	147	147				
DYSTER CRK 1	0	0	0	0	0	0	0	0	0	11	11	23	23	49	49	78				
POINT BEACH 1&2	0	0	0	0	0	0	0	0	0	10	33	55	78	101	123	146				
ARK NUCLEAR 1	0	0	0	0	0	0	0	0	0	0	0	0	32	63	63	95				
ZION 1&2	0	0	0	0	0	0	0	0	0	0	22	66	110	154	197	241				
BYRON 1&2	0	0	0	0	0	0	0	0	0	0	47	96	144	192	240	288				
SEQUOYAH 1&2	0	0	0	0	0	0	0	0	0	0	46	83	120	157	193	267				
DRESDEN 2	0	0	0	0	0	0	0	0	0	0	0	11	11	40	81	81				
BRAIDWOOD 1&2	0	0	0	0	0	0	0	0	0	0	0	33	81	129	178	226				
HADDAM NECK	0	0	0	0	0	0	0	0	0	0	0	1	1	23	44	65				
BIG ROCK 1	0	0	0	0	0	0	0	0	0	0	0	2	5	7	10	12				
ENRICO FERMI 2	0	0	0	0	0	0	0	0	0	0	0	25	25	78	130	130				
B VALLEY 1	0	0	0	0	0	0	0	0	0	0	0	22	22	55	55	89				
MAINE YANKEE	0	0	0	0	0	0	0	0	0	0	0	14	41	41	88	95				
SAN ONOFRE 1,2, &3	0	0	0	0	0	0	0	0	0	0	0	2	78	98	232	232				
PERRY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	53	53	152	251				
COOK 1&2	0	0	0	0	0	0	0	0	0	0	0	0	18	89	125	196				
DUANE ARNOLD	0	0	0	0	0	0	0	0	0	0	0	0	19	19	41	62				
WILLSTONE 3	0	0	0	0	0	0	0	0	0	0	0	0	8	37	67	67				
BROWNS FERRY 2	0	0	0	0	0	0	0	0	0	0	0	0	18	18	69	69				
WATTS BAR 1&2	0	0	0	0	0	0	0	0	0	0	0	0	34	71	107	144				
NORTH ANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	1	33	96	127				
WASH NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	14	43	71	99				
NINE MILE PT 1	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	66				
BROWNS FERRY 1	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	99				
BROWNS FERRY 3	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36				
VT YANKEE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	14	31	48				
KEMAUNEE	0	0	0	0	0	0	0	0	0	0	0	0	0	5	19	33				
ST LUCIE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SALEM 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22				
ARK NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27				
DRESDEN 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20				
CLINTON 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5				
SUSQUEHANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25				
LIMERICK 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31				
PWR MTIHM	1		74		335		647		1124		1915		3111		4781					
		50		219		454		900		1401		2417		3945		5580				
BWR MTIHM	0		52		186		501		932		1476		2061		3107					
		0		52		305		733		1189		1739		2656		3752				
TOTAL MTIHM	1		126		521		1148		2056		3392		5172		7888					
		50		271		759		1633		2590		4156		6601		9332				

TABLE A.6a. Projected Annual Storage Requirements - Maximum Capacity with Intra-Utility Transshipment, Assemblies

REACTOR	ASSEMBLIES																			
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000				
PALISADES	0	0	19	68	0	0	68	68	0	68	68	68	0	68	68	0				
MILLSTONE 1	0	0	132	0	180	0	200	0	200	180	0	200	0	200	0	180				
BRUNSWICK 2	0	0	0	0	0	2	0	180	180	0	180	180	0	180	180	0				
BRUNSWICK 1	0	0	0	0	0	0	160	180	0	180	180	0	180	180	0	180				
PRAIRIE ISL 1&2	0	0	0	0	0	6	80	80	40	40	80	80	80	80	40	80				
CALVERT CLF 1&2	0	0	0	0	0	0	23	72	72	144	72	72	144	72	72	144				
PILGRIM 1	0	0	0	0	0	0	151	0	192	0	192	192	0	192	0	192				
LACROSSE	0	0	0	0	0	0	13	24	24	24	24	24	24	24	24	24				
FITZPATRICK	0	0	0	0	0	0	28	172	0	172	172	0	172	172	0	172				
NORTH ANNA 1&2	0	0	0	0	0	0	0	23	136	68	68	136	68	68	136	68				
SURRY 1&2	0	0	0	0	0	0	0	0	61	60	121	61	60	121	61	60				
COOPER STN	0	0	0	0	0	0	0	0	40	116	116	112	116	112	112	112				
FORT CALHOUN	0	0	0	0	0	0	0	0	1	61	0	52	33	0	61	52				
INDIAN PT 3	0	0	0	0	0	0	0	0	25	0	76	0	76	76	0	76				
DAVIS-BESSE 1	0	0	0	0	0	0	0	0	42	0	68	68	0	68	68	0				
HADDAM NECK	0	0	0	0	0	0	0	0	0	52	52	52	0	52	52	52				
MILLSTONE 2	0	0	0	0	0	0	0	0	0	77	52	0	72	77	0	52				
MILLSTONE 3	0	0	0	0	0	0	0	0	0	0	64	64	64	64	64	0				
OYSTER CRK 1	0	0	0	0	0	0	0	0	0	60	0	60	0	152	0	164				
POINT BEACH 1&2	0	0	0	0	0	0	0	0	0	28	64	64	64	64	64	64				
BYRON 1&2	0	0	0	0	0	0	0	0	0	0	10	114	114	114	114	114				
ZION 1&2	0	0	0	0	0	0	0	0	0	0	96	96	96	96	96	96				
BRAIDWOOD 1&2	0	0	0	0	0	0	0	0	0	0	114	114	114	114	114	114				
PEACHBOTTOM 2	0	0	0	0	0	0	0	0	0	0	184	0	244	240	0	244				
PEACHBOTTOM 3	0	0	0	0	0	0	0	0	0	0	248	248	0	248	248	0				
LIMERICK 1	0	0	0	0	0	0	0	0	0	0	220	216	0	220	216	0				
LIMERICK 2	0	0	0	0	0	0	0	0	0	0	276	244	0	252	256	0				
INDIAN PT 2	0	0	0	0	0	0	0	0	0	0	42	0	72	72	0	0				
BIG ROCK 1	0	0	0	0	0	0	0	0	0	0	15	20	20	20	20	0				
ENRICO FERMI 2	0	0	0	0	0	0	0	0	0	0	135	0	292	280	0	0				
ST LUCIE 2	0	0	0	0	0	0	0	0	0	0	79	0	80	80	0	0				
TURKEY PT 3&4	0	0	0	0	0	0	0	0	0	0	0	0	52	104	52	52				
ST LUCIE 1	0	0	0	0	0	0	0	0	0	0	0	0	90	84	0	90				
MAINE YANKEE	0	0	0	0	0	0	0	0	0	0	0	30	72	0	72	72				
SAN ONOFRE 1,2,&3	0	0	0	0	0	0	0	0	0	0	0	6	178	52	335	0				
PERRY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	292	0	544	544				
QUAD CITIES 1&2	0	0	0	0	0	0	0	0	0	0	0	0	198	168	176	344				
DRESDEN 2	0	0	0	0	0	0	0	0	0	0	0	0	0	196	196	0				
DRESDEN 3	0	0	0	0	0	0	0	0	0	0	0	0	0	160	0	160				
LASALLE CTY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	448	224	224	448				
COOK 1&2	0	0	0	0	0	0	0	0	0	0	0	0	40	168	80	176				
DUANE ARNOLD	0	0	0	0	0	0	0	0	0	0	0	0	102	0	120	120				
WASH NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	82	160	160	160				
ARK NUCLEAR 1	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	68				
ARK NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	0	72	0	72				
BROWNS FERRY 1	0	0	0	0	0	0	0	0	0	0	0	0	0	271	0	284				
BROWNS FERRY 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	284	0				
BROWNS FERRY 3	0	0	0	0	0	0	0	0	0	0	0	0	0	284	0	0				
BELLEFONTE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	96				
SEQUOYAH 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	160				
WATTS BAR 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	80				
BELLEFONTE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	96				
VT YANKEE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	78	92	92				
KEWAUNEE	0	0	0	0	0	0	0	0	0	0	0	0	0	12	37	37				
CLINTON 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28				
SUSQUEHANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140				
PWR ASSEMBLIES	0	0	19	68	0	0	171	377	598	909	1417	1847	1982	1971	0	0				
BWR ASSEMBLIES	0	0	132	180	2	572	636	1296	1670	2330	3553	4000	0	0	0	0				
TOTAL ASSEMBLIES	0	0	151	180	8	743	1013	2205	3755	5122	6051	0	0	0	0	0				

TABLE A.6b. Projected Annual Storage Requirements - Maximum Capacity with Intra-Utility Transshipment, MTIHM

REACTOR	METRIC TONS															
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
PALISADES	0	0	7	27	0	0	26	26	0	26	26	26	0	26	26	0
MILLSTONE 1	0	0	23	0	32	0	36	0	35	32	0	36	0	35	0	32
BRUNSWICK 2	0	0	0	0	0	0	0	34	34	0	34	34	0	34	34	0
BRUNSWICK 1	0	0	0	0	0	0	34	34	0	34	34	0	34	34	0	34
PRAIRIE ISL 1&2	0	0	0	0	0	2	28	28	13	15	28	28	28	28	13	28
CALVERT CLF 1&2	0	0	0	0	0	0	9	28	26	57	28	28	57	28	28	57
PILGRIM 1	0	0	0	0	0	0	27	0	34	0	34	34	0	34	0	34
LACROSSE	0	0	0	0	0	0	1	3	3	3	3	3	3	3	3	3
FITZPATRICK	0	0	0	0	0	0	5	31	0	31	31	0	31	31	0	31
NORTH ANNA 1&2	0	0	0	0	0	0	0	11	63	31	31	63	31	31	63	31
SURRY 1&2	0	0	0	0	0	0	0	0	28	28	56	28	28	56	28	28
COOPER STN	0	0	0	0	0	0	0	0	7	21	21	20	21	20	20	20
FORT CALHOUN	0	0	0	0	0	0	0	0	0	22	0	19	12	0	22	19
INDIAN PT 3	0	0	0	0	0	0	0	0	11	0	35	0	35	35	0	35
DAVIS-BESSE 1	0	0	0	0	0	0	0	0	20	0	32	32	0	32	32	0
HADDAM NECK	0	0	0	0	0	0	0	0	0	21	21	21	0	21	21	21
MILLSTONE 2	0	0	0	0	0	0	0	0	0	31	21	0	29	31	0	21
MILLSTONE 3	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	0
DYSTER CRK 1	0	0	0	0	0	0	0	0	0	11	0	12	0	27	0	29
POINT BEACH 1&2	0	0	0	0	0	0	0	0	0	10	23	23	23	23	23	23
BYRON 1&2	0	0	0	0	0	0	0	0	0	0	4	48	48	48	48	48
ZION 1&2	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44
BRAIDWOOD 1&2	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48
PEACHBOTTOM 2	0	0	0	0	0	0	0	0	0	0	34	0	45	44	0	45
PEACHBOTTOM 3	0	0	0	0	0	0	0	0	0	0	45	45	0	45	45	0
LIMERICK 1	0	0	0	0	0	0	0	0	0	0	40	39	0	40	39	0
LIMERICK 2	0	0	0	0	0	0	0	0	0	0	50	44	0	46	47	0
INDIAN PT 2	0	0	0	0	0	0	0	0	0	0	19	0	33	33	0	0
BIG ROCK 1	0	0	0	0	0	0	0	0	0	0	0	2	3	3	3	3
ENRICO FERMI 2	0	0	0	0	0	0	0	0	0	0	0	25	0	53	52	0
ST LUCIE 2	0	0	0	0	0	0	0	0	0	0	0	30	0	30	30	0
TURKEY PT 3&4	0	0	0	0	0	0	0	0	0	0	0	0	24	48	24	24
ST LUCIE 1	0	0	0	0	0	0	0	0	0	0	0	0	20	31	0	28
MAINE YANKEE	0	0	0	0	0	0	0	0	0	0	0	14	27	0	27	27
SAN ONDRE 1,2,&3	0	0	0	0	0	0	0	0	0	0	0	2	76	19	134	0
PERRY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	53	0	99	99
QUAD CITIES 1&2	0	0	0	0	0	0	0	0	0	0	0	0	35	30	31	61
DRESDEN 2	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	0
DRESDEN 3	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	29
LASALLE CTY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	82	41	41	82
COOK 1&2	0	0	0	0	0	0	0	0	0	0	0	0	16	72	37	71
DUANE ARNOLD	0	0	0	0	0	0	0	0	0	0	0	0	19	0	22	22
WASH NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	14	28	28	28
ARK NUCLEAR 1	0	0	0	0	0	0	0	0	0	0	0	0	0	27	0	32
ARK NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	30
BROWNS FERRY 1	0	0	0	0	0	0	0	0	0	0	0	0	0	49	0	52
BROWNS FERRY 2	0	0	0	0	0	0	0	0	0	0	0	0	0	52	0	0
BROWNS FERRY 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	0
BELLEFONTE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	44
SEQUOYAH 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	73
WATTS BAR 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37
BELLEFONTE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	44
VT YANKEE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	14	17	17
KEMAUNEE	0	0	0	0	0	0	0	0	0	0	0	0	0	5	14	14
CLINTON 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
SUSQUEHANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
PWR MTIHM	0	0	7	27	0	63	164	241	504	583	838	828	0	0	0	0
BWR MTIHM	0	0	23	32	0	102	113	235	423	567	735	0	0	0	0	0
TOTAL MTIHM	0	0	31	27	32	166	277	619	1007	1405	1562	0	0	0	0	0

TABLE A.7a. Projected Cumulative Storage Requirements -
Maximum Capacity with Intra-Utility
Transshipments, Assemblies

REACTOR	ASSEMBLIES																
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
PALISADES	0	0	19	87	87	87	155	223	223	291	359	427	427	495	563	563	
WILLSTONE 1	0	0	132	132	312	312	512	512	712	892	892	1092	1092	1292	1292	1472	
BRUNSWICK 2	0	0	0	0	0	2	2	182	362	362	542	722	722	902	1082	1082	
BRUNSWICK 1	0	0	0	0	0	0	180	360	360	540	720	720	900	1080	1080	1260	
PRAIRIE ISL 1&2	0	0	0	0	0	6	86	166	206	246	326	406	486	566	606	686	
CALVERT CLF 1&2	0	0	0	0	0	0	23	95	167	311	383	455	590	671	743	887	
PILGRIM 1	0	0	0	0	0	0	151	151	343	343	535	727	727	919	919	1111	
LACROSSE	0	0	0	0	0	0	13	37	61	85	109	133	157	181	205	229	
FITZPATRICK	0	0	0	0	0	0	28	200	200	372	544	544	716	888	888	1060	
NORTH ANNA 1&2	0	0	0	0	0	0	0	23	159	227	295	431	499	567	703	771	
SURRY 1&2	0	0	0	0	0	0	0	0	61	121	242	303	363	484	545	605	
COOPER STN	0	0	0	0	0	0	0	0	40	156	272	384	500	612	724	838	
FORT CALHOUN	0	0	0	0	0	0	0	0	1	62	62	114	147	147	208	260	
INDIAN PT 3	0	0	0	0	0	0	0	0	25	25	101	101	177	253	253	329	
DAVIS-BESSE 1	0	0	0	0	0	0	0	0	42	110	178	178	246	314	314	314	
HADDAM NECK	0	0	0	0	0	0	0	0	0	52	104	156	156	208	260	312	
WILLSTONE 2	0	0	0	0	0	0	0	0	0	77	129	129	201	278	278	330	
WILLSTONE 3	0	0	0	0	0	0	0	0	0	64	128	192	256	320	320	320	
OYSTER CRK 1	0	0	0	0	0	0	0	0	0	60	60	128	128	280	280	444	
POINT BEACH 1&2	0	0	0	0	0	0	0	0	0	28	92	156	220	284	348	412	
BYRON 1&2	0	0	0	0	0	0	0	0	0	10	124	238	352	466	580	580	
ZION 1&2	0	0	0	0	0	0	0	0	0	0	0	96	192	288	384	480	
BRAIDWOOD 1&2	0	0	0	0	0	0	0	0	0	114	228	342	456	570	684	684	
PEACHBOTTOM 2	0	0	0	0	0	0	0	0	0	184	184	428	868	868	912	912	
PEACHBOTTOM 3	0	0	0	0	0	0	0	0	0	248	496	496	744	992	992	992	
LIMERICK 1	0	0	0	0	0	0	0	0	0	0	220	436	436	656	656	872	
LIMERICK 2	0	0	0	0	0	0	0	0	0	0	276	520	520	772	772	1028	
INDIAN PT 2	0	0	0	0	0	0	0	0	0	0	42	42	114	186	186	186	
BIG ROCK 1	0	0	0	0	0	0	0	0	0	0	15	35	55	75	75	95	
ENRICO FERM12	0	0	0	0	0	0	0	0	0	0	135	135	427	715	715	715	
ST LUCIE 2	0	0	0	0	0	0	0	0	0	0	79	79	159	239	239	239	
TURKEY PT 1&4	0	0	0	0	0	0	0	0	0	0	0	52	158	208	260	260	
ST LUCIE 1	0	0	0	0	0	0	0	0	0	0	0	90	174	174	264	264	
MAINE YANKEE	0	0	0	0	0	0	0	0	0	0	0	38	110	110	182	254	
SAN ONOFRE 1,2,&3	0	0	0	0	0	0	0	0	0	0	0	0	184	236	571	571	
PERRY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	292	292	838	1380	
QUAD CITIES 1&2	0	0	0	0	0	0	0	0	0	0	0	0	198	368	542	886	
DRESDEN 2	0	0	0	0	0	0	0	0	0	0	0	0	0	198	392	392	
DRESDEN 3	0	0	0	0	0	0	0	0	0	0	0	0	0	160	160	320	
LASALLE CTY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	448	872	896	1344	
COOK 1&2	0	0	0	0	0	0	0	0	0	0	0	0	40	208	288	484	
DUANE ARNOLD	0	0	0	0	0	0	0	0	0	0	0	0	102	102	222	342	
WASH NUCLEAR2	0	0	0	0	0	0	0	0	0	0	0	0	82	242	462	562	
ARK NUCLEAR 1	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	126	
ARK NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	0	72	72	144	
BROWNS FERRY1	0	0	0	0	0	0	0	0	0	0	0	0	0	271	271	555	
BROWNS FERRY2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	284	284	
BROWNS FERRY3	0	0	0	0	0	0	0	0	0	0	0	0	0	284	284	284	
BELLEFONTE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	107	
SEQUOYAH 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	240	
WATTS BAR 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	160	
BELLEFONTE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	180	
VT YANKEE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	78	170	262	
KEWAUNEE	0	0	0	0	0	0	0	0	0	0	0	0	0	12	49	86	
CLINTON 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	
SUSQUEHANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	
PWR ASSEMBLIES	0	0	19	87	87	87	264	884	884	2391	3597	5014	5014	8843	8843	10814	
BWR ASSEMBLIES	0	0	132	132	312	312	886	2078	2078	4106	5776	8114	8114	14887	14887	18887	
TOTAL ASSEMBLIES	0	0	151	219	399	399	1150	1949	2962	6497	9373	13128	13128	23650	23650	29701	

TABLE A.7b. Projected Cumulative Storage Requirements -
Maximum Capacity with Intra-Utility
Transshipments, MTIHM

REACTOR	METRIC TONS																		
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000			
PALISADES	0	0	7	34	34	34	60	87	87	113	140	166	166	193	219	219			
WILLSTONE 1	0	0	23	23	55	55	91	91	126	158	158	194	194	229	229	261			
BRUNSWICK 2	0	0	0	0	0	0	34	67	67	101	135	135	168	202	202	235			
BRUNSWICK 1	0	0	0	0	0	2	30	58	71	86	114	142	170	198	211	239			
PRAIRIE ISL 1&2	0	0	0	0	0	0	9	37	66	122	150	179	235	264	292	348			
CALVERT CLF 1&2	0	0	0	0	0	0	27	27	61	61	95	129	129	163	163	197			
PILGRIM 1	0	0	0	0	0	0	1	4	7	9	12	14	17	20	22	25			
LACROSSE	0	0	0	0	0	0	5	36	36	67	98	98	129	160	160	191			
FITZPATRICK	0	0	0	0	0	0	0	11	73	105	136	199	230	262	324	356			
NORTH ANNA 1&2	0	0	0	0	0	0	0	0	28	58	111	139	167	222	250	278			
SURRY 1&2	0	0	0	0	0	0	0	0	7	28	50	70	91	112	132	152			
COOPER STN	0	0	0	0	0	0	0	0	22	22	41	53	53	74	74	93			
FORT CALHOUN	0	0	0	0	0	0	0	0	11	11	46	46	81	115	115	150			
INDIAN PT 3	0	0	0	0	0	0	0	0	20	20	52	83	83	115	147	147			
DAVIS-BESSE 1	0	0	0	0	0	0	0	0	0	21	43	64	64	85	107	128			
HADDAM NECK	0	0	0	0	0	0	0	0	0	31	52	52	81	113	113	134			
WILLSTONE 2	0	0	0	0	0	0	0	0	0	30	59	59	89	118	148	148			
WILLSTONE 3	0	0	0	0	0	0	0	0	0	11	11	23	23	49	49	78			
OYSTER CRK 1	0	0	0	0	0	0	0	0	0	10	33	55	78	101	123	146			
POINT BEACH 1&2	0	0	0	0	0	0	0	0	0	0	4	52	101	149	197	245			
BYRON 1&2	0	0	0	0	0	0	0	0	0	0	0	44	88	132	176	219			
ZION 1&2	0	0	0	0	0	0	0	0	0	0	48	96	145	193	241	289			
BRAIDWOOD 1&2	0	0	0	0	0	0	0	0	0	0	34	34	79	124	124	169			
PEACHBOTTOM 2	0	0	0	0	0	0	0	0	0	0	45	91	91	136	181	181			
PEACHBOTTOM 3	0	0	0	0	0	0	0	0	0	0	0	40	80	80	120	159			
LIMERICK 1	0	0	0	0	0	0	0	0	0	0	0	50	95	95	140	187			
LIMERICK 2	0	0	0	0	0	0	0	0	0	0	0	19	19	52	85	85			
INDIAN PT 2	0	0	0	0	0	0	0	0	0	0	0	2	5	7	10	12			
BIG ROCK 1	0	0	0	0	0	0	0	0	0	0	0	25	25	78	130	130			
ENRICO FERMI2	0	0	0	0	0	0	0	0	0	0	0	30	30	60	91	91			
ST LUCIE 2	0	0	0	0	0	0	0	0	0	0	0	0	24	72	96	119			
TURKEY PT 3&4	0	0	0	0	0	0	0	0	0	0	0	0	28	59	59	88			
ST LUCIE 1	0	0	0	0	0	0	0	0	0	0	0	14	41	41	68	95			
MAINE YANKEE	0	0	0	0	0	0	0	0	0	0	0	2	78	98	232	232			
SAN ONOFRE 1,2,&3	0	0	0	0	0	0	0	0	0	0	0	0	53	53	152	251			
PERRY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	35	65	96	156			
QUAD CITIES 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	35	70	70			
DRESDEN 2	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29	59			
DRESDEN 3	0	0	0	0	0	0	0	0	0	0	0	0	0	82	123	164	246		
LASALLE CTY 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	18	89	125	196		
COOK 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	41	62		
DJANE ARNOLD	0	0	0	0	0	0	0	0	0	0	0	0	0	14	43	71	99		
WASH NUCLEAR2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27	58		
ARK NUCLEAR 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	60		
ARK NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	101		
BROWNS FERRY1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52		
BROWNS FERRY2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52		
BROWNS FERRY3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	49		
BELLEFONTE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	110		
SEQUOYAH 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	73		
WATTS BAR 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	82		
BELLEFONTE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	31	48		
VT YANKEE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	19	33		
KEWAUNEE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
CLINTON 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25		
SUSQUEHANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PWR MTIHM	0	0	7	34	34	34	60	87	87	113	140	166	166	193	219	219			
BWR MTIHM	0	0	23	23	55	55	91	91	126	158	158	194	194	229	229	261			
TOTAL MTIHM	0	0	31	57	89	92	100	158	193	259	357	503	597	738	842	988			

TABLE A.7b. Projected Cumulative Storage Requirements -
Maximum Capacity with Intra-Utility
Transshipments, MTIHM

REACTOR	METRIC TONS																
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
PALISADES	0	0	7	34	34	34	60	87	87	113	140	166	166	193	219	219	
MILLSTONE 1	0	0	23	23	55	55	91	91	126	158	158	194	194	229	229	261	
BRUNSWICK 2	0	0	0	0	0	0	0	34	68	68	101	135	135	169	202	202	
BRUNSWICK 1	0	0	0	0	0	0	0	34	67	67	101	135	135	168	202	236	
PRAIRIE ISL 1&2	0	0	0	0	0	2	30	58	71	86	114	142	170	198	211	239	
CALVERT CLF 1&2	0	0	0	0	0	0	9	37	66	122	150	179	235	264	292	340	
PILGRIM 1	0	0	0	0	0	0	27	27	61	61	95	129	129	163	163	197	
LACROSSE	0	0	0	0	0	0	1	4	7	9	12	14	17	20	22	25	
FITZPATRICK	0	0	0	0	0	0	5	36	36	67	98	98	129	160	160	191	
NORTH ANNA 1&2	0	0	0	0	0	0	0	11	73	105	136	199	230	262	324	356	
SURRY 1&2	0	0	0	0	0	0	0	0	26	56	111	139	167	222	250	278	
COOPER STN	0	0	0	0	0	0	0	7	28	50	70	91	112	132	152	152	
FORT CALHOUN	0	0	0	0	0	0	0	0	22	22	41	53	53	74	93	93	
INDIAN PT 3	0	0	0	0	0	0	0	11	11	46	46	81	115	115	150	150	
DAVIS-BESSE 1	0	0	0	0	0	0	0	0	20	20	52	83	83	115	147	147	
HADDAM NECK	0	0	0	0	0	0	0	0	21	43	64	64	85	107	128	128	
MILLSTONE 2	0	0	0	0	0	0	0	0	31	52	52	81	113	113	134	134	
MILLSTONE 3	0	0	0	0	0	0	0	0	0	30	59	89	118	148	148	148	
OYSTER CRK 1	0	0	0	0	0	0	0	0	11	11	23	23	49	49	78	78	
POINT BEACH 1&2	0	0	0	0	0	0	0	0	10	33	55	78	101	123	146	146	
BYRON 1&2	0	0	0	0	0	0	0	0	0	4	52	101	149	197	245	245	
ZION 1&2	0	0	0	0	0	0	0	0	0	0	44	88	132	176	219	219	
BRAIDWOOD 1&2	0	0	0	0	0	0	0	0	0	40	96	145	193	241	289	289	
PEACHBOTTOM 2	0	0	0	0	0	0	0	0	0	34	34	79	124	124	169	169	
PEACHBOTTOM 3	0	0	0	0	0	0	0	0	0	45	91	91	136	181	181	181	
LIMERICK 1	0	0	0	0	0	0	0	0	0	0	40	80	80	120	159	159	
LIMERICK 2	0	0	0	0	0	0	0	0	0	0	50	95	95	140	187	187	
INDIAN PT 2	0	0	0	0	0	0	0	0	0	0	19	19	52	85	85	85	
BIG ROCK 1	0	0	0	0	0	0	0	0	0	0	2	5	7	10	12	12	
ENRICO FERMI2	0	0	0	0	0	0	0	0	0	0	25	25	78	130	130	130	
ST LUCIE 2	0	0	0	0	0	0	0	0	0	0	30	30	60	91	91	91	
TURKEY PT 3&4	0	0	0	0	0	0	0	0	0	0	0	24	72	95	119	119	
ST LUCIE 1	0	0	0	0	0	0	0	0	0	0	0	28	59	59	88	88	
MAINE YANKEE	0	0	0	0	0	0	0	0	0	0	14	41	41	68	95	95	
SAN ONOFRE 1,2,3	0	0	0	0	0	0	0	0	0	0	2	78	96	232	232	232	
PERRY 1&2	0	0	0	0	0	0	0	0	0	0	0	53	53	152	251	251	
QUAD CITIES 1&2	0	0	0	0	0	0	0	0	0	0	0	35	65	96	156	156	
DRESDEN 2	0	0	0	0	0	0	0	0	0	0	0	0	35	70	70	70	
DRESDEN 3	0	0	0	0	0	0	0	0	0	0	0	0	29	29	59	59	
LASALLE CTY 1&2	0	0	0	0	0	0	0	0	0	0	0	82	123	164	246	246	
COOK 1&2	0	0	0	0	0	0	0	0	0	0	0	16	89	125	196	196	
DUANE ARNOLD	0	0	0	0	0	0	0	0	0	0	0	19	19	41	62	62	
WASH NUCLEAR2	0	0	0	0	0	0	0	0	0	0	0	14	43	71	99	99	
ARK NUCLEAR 1	0	0	0	0	0	0	0	0	0	0	0	0	27	27	58	58	
ARK NUCLEAR 2	0	0	0	0	0	0	0	0	0	0	0	0	30	30	60	60	
BROWNS FERRY1	0	0	0	0	0	0	0	0	0	0	0	0	49	49	101	101	
BROWNS FERRY2	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	
BROWNS FERRY3	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	
BELLEFONTE 1	0	0	0	0	0	0	0	0	0	0	0	0	5	5	49	49	
SEQUOYAH 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	37	110	110	
WATTS BAR 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	37	73	73	
BELLEFONTE 2	0	0	0	0	0	0	0	0	0	0	0	0	0	38	82	82	
VT YANKEE 1	0	0	0	0	0	0	0	0	0	0	0	0	14	31	48	48	
KEWAUNEE	0	0	0	0	0	0	0	0	0	0	0	0	0	5	19	33	
CLINTON 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
SUSQUEHANNA 1&2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	
PWR MTIHM	0	0	7	34	34	100	357	981	2067	3686	4512	4512	4512	4512	4512	4512	
BWR MTIHM	0	0	23	23	55	150	372	738	1462	2671	3406	3406	3406	3406	3406	3406	
TOTAL MTIHM	0	0	31	57	89	258	729	1719	3529	6357	7919	7919	7919	7919	7919	7919	