



# 1992 Annual Capacity Report

**Revision 1**

**May 1993**

**U.S. Department of Energy  
Office of Civilian Radioactive Waste Management**



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## SUMMARY

The Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste (10 CFR Part 961) requires the Department of Energy (DOE) to issue an Annual Capacity Report (ACR) for planning purposes. This report is the fifth in the series published by DOE. In May 1993, DOE published the 1992 Acceptance Priority Ranking (APR) that established the order in which DOE will allocate projected acceptance capacity. As required by the Standard Contract, the acceptance priority ranking is based on the date the spent nuclear fuel (SNF) was permanently discharged, with the owners of the oldest SNF, on an industry-wide basis, given the highest priority. The 1992 ACR applies the projected waste acceptance rates in Table 2.1 to the 1992 APR, resulting in individual allocations for the owners and generators of the SNF. These allocations are listed in detail in the Appendix, and summarized in Table 3.1.

The projected waste acceptance rates for SNF presented in Table 2.1 are nominal and assume a site for a Monitored Retrievable Storage (MRS) facility will be obtained; the facility will initiate operations in 1998; and the statutory linkages between the MRS facility and the repository set forth in the Nuclear Waste Policy Act of 1982, as amended (NWPA), will be modified. During the first ten years following projected commencement of Civilian Radioactive Waste Management System (CRWMS) operation, the total quantity of SNF that could be accepted is projected to be 8,200 metric tons of uranium (MTU). This is consistent with the storage capacity licensing conditions imposed on an MRS facility by the NWPA. The annual acceptance rates provide an approximation of the system throughput and are subject to change as the program progresses. The ACR allocates only that portion of the CRWMS capacity assigned to SNF that originated from civilian nuclear reactors and is covered by the Standard Contract, and DOE-owned SNF from civilian nuclear reactors and civilian development programs.

Section 1.0 provides a discussion of the requirement for the ACR and the role it plays in DOE's interaction with the Purchasers in implementing the provisions of

the Standard Contract. The CRWMS projected acceptance schedule is presented in Section 2.0. Section 3.0 discusses the basis and procedures for allocating acceptance capacity to each Purchaser, summarizes the annual allocations for the 10-year period covered by this report, and addresses Delivery Commitment Schedules (DCS). A description of the ACR Issue Resolution Process (IRP) and a report on its current status are provided in Section 4.0. The Appendix is a detailed listing of the annual acceptance capacity allocations for Purchasers with allocations in the first 10 years of projected CRWMS operations. Previous publications of the ACR included an additional Appendix, listing SNF by the date of permanent discharge. Since this information is published separately as the 1992 APR, it is no longer included here.

## 1.0 INTRODUCTION

The Nuclear Waste Policy Act of 1982 (NWPA)<sup>1</sup>, as amended, assigns the Federal Government responsibility for the disposal of spent nuclear fuel (SNF) and high-level radioactive waste (HLW). The Director of the Department of Energy's (DOE) Office of Civilian Radioactive Waste Management (OCRWM) is responsible for carrying out the functions assigned to the Secretary of Energy (Secretary) by the NWPA. Section 302(a) of the NWPA authorizes the Secretary to enter into contracts<sup>\*</sup> with owners or generators<sup>\*\*</sup> of commercial SNF and/or HLW. The Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste<sup>2</sup> (Standard Contract) established the contractual mechanism for DOE's acceptance and disposal of SNF and HLW. It includes the requirements and operational responsibilities of the parties to the Standard Contract in the areas of administrative matters, fees, terms of payment, waste acceptance criteria, and waste acceptance procedures. The Standard Contract provides for the acquisition of title to the SNF and/or HLW by DOE, its transportation to DOE facilities, and its subsequent disposal.

### 1.1 PURPOSE OF THE ANNUAL CAPACITY REPORT

Under the terms of the Standard Contract (Article IV), the Annual Capacity Report (ACR) is to project DOE's annual receiving capacity and present the annual acceptance capacity allocations to the Purchasers for 10 years following the projected commencement of DOE facility operations. An allocation is a portion of the nominal acceptance capacity (measured in metric tons of uranium -- MTU) in a particular year for an individual Purchaser. These capacity allocations, as listed in the Appendix, form the basis for the Purchasers' submittal of Delivery Commitment Schedules (DCS), as discussed further in Section 3.2. As specified in the Standard Contract, the

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<sup>\*</sup> Individual contracts are based upon the Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste (10 CFR Part 961).

<sup>\*\*</sup> Owners and generators of SNF and HLW who have entered into agreements with DOE and/or have paid fees for purchase of disposal services are referred to as "Purchasers."

ACR is for planning purposes only and, thus, is not contractually binding on either DOE or the Purchasers.

## **1.2 STAFF-TO STAFF TECHNICAL EXCHANGES**

DOE and the Purchasers recognized that there is a need for coordination in the implementation of the provisions of the Standard Contract in order for both parties to carry out all of their responsibilities. Identification and resolution of Standard Contract-related issues and the development of procedures for effective and equitable implementation of the Civilian Radioactive Waste Management System (CRWMS) are elements of an iterative process that requires the cooperative efforts of both parties. In the 1987 ACR<sup>3</sup>, DOE offered to cooperate with the Purchasers to identify, prioritize, and evaluate solutions to issues of mutual concern arising from implementation of the Standard Contract. Interactions to date with representatives of Edison Electric Institute's Utility Nuclear Waste and Transportation Program (EEI/UWASTE) and the U.S. Council for Energy Awareness (USCEA), jointly representing 64 of the 66 owners or generators of commercial SNF, indicate a desire by both DOE and the Purchasers to continue these staff-to-staff technical exchanges. The status of these exchanges is presented in Section 4.0.

## **1.3 SUBMITTAL OF COMMENTS ON THE ANNUAL CAPACITY REPORT**

Written comments are again requested, especially from the Purchasers, on the content of this ACR. Comments received on previous ACRs were used to identify issues that needed to be addressed by DOE and the Purchasers in the implementation of the Standard Contract provisions. Comments on this ACR should be addressed to:

Ms. Nancy Montgomery  
Office of Civilian Radioactive Waste Management, RW-432  
U.S. Department of Energy  
1000 Independence Avenue, SW  
Washington, D.C. 20585

## 2.0 WASTE ACCEPTANCE PROJECTIONS

The NWPA and the Standard Contract condition waste acceptance by DOE upon the commencement of operation of a repository or a Monitored Retrievable Storage (MRS) facility. Section 302(a)(5) of the NWPA directs that contracts entered into in accordance with Section 302(a) of the NWPA are to provide that DOE will take title to SNF following commencement of operation of a repository. In response to this statutory requirement, the Standard Contract provides in Article II that "the services to be provided by DOE under this contract shall begin, after commencement of facility operations, not later than January 31, 1998...." Section 142 of the NWPA authorizes DOE to site, construct, and operate an MRS facility for temporary SNF storage prior to disposal in a repository.

The acceptance rates in Table 2.1 are nominal and do not reflect the MRS facility schedule linkages with the repository development that were imposed by the NWPA, but are consistent with the 10,000 MTU storage capacity limit contained in the NWPA for an MRS facility before a repository starts operation. These acceptance rates assume commencement of facility operations in 1998. If the current linkages between MRS facility construction and repository construction authorization are maintained, it is estimated that facility operations and initial acceptance of SNF by DOE could not start until at least 2007.

Operation of the CRWMS with the nominal waste acceptance rates presented in Table 2.1 would result in the receipt of 8,200 MTU of SNF at the MRS facility during the first 10 years. This table provides only an approximation of the system throughput rates and is subject to change depending on congressional action regarding the conditions for the siting of an MRS facility, and the system design and configuration. DOE will further define and specify the system operating and waste acceptance parameters as the program progresses, and inform the Purchasers accordingly at the earliest feasible time. Until the SNF is accepted by DOE, Section 111(a)(5) of the NWPA assigns the waste owners and generators the primary

responsibility to provide for, and pay the costs of, interim storage.

**TABLE 2.1**

**Projected Nominal Waste Acceptance Rates for Spent Nuclear Fuel**

<u>Year</u>	<u>SNF (MTU)</u>
1998	400
1999	600
2000	900
2001	900
2002	900
2003	900
2004	900
2005	900
2006	900
2007	<u>900</u>
<b>TOTAL</b>	<b>8,200</b>

### **3.0 ALLOCATION OF THE CIVILIAN RADIOACTIVE WASTE MANAGEMENT SYSTEM'S PROJECTED ANNUAL ACCEPTANCE CAPACITY**

DOE is required to accept for disposal all commercial SNF/HLW from its owners or generators, as prescribed by the NWPA. However, since acceptance capacity will be limited in any given year, an acceptance priority ranking is established in the Standard Contract to allocate the projected acceptance capacity to individual Purchasers. The ranking is based on the date of permanent discharge<sup>\*</sup> of the SNF, with the owners of the oldest SNF, on an industry-wide basis, given the highest priority.

The tables in the Appendix list the Purchasers' annual allocations for each of the first 10 years<sup>\*\*</sup> of projected CRWMS operation. Table 3.1 presents a summary of all Purchasers' annual allocations based on the nominal waste acceptance rates for the 10-year period covered by this report. Fuel assembly reinsertions identified during the reporting period ending December 31, 1991 have resulted in changes to the APR. The allocations in years 7 and 10 have been adjusted to reflect reinsertions by three Purchasers of SNF previously identified as being permanently discharged. The Notes to Tables A.1 through A.10 identify the three Purchasers reporting reinsertions affecting the first ten years of projected CRWMS operation.

#### **3.1 PROCEDURE FOR ALLOCATING PROJECTED ACCEPTANCE CAPACITY**

The waste acceptance process begins with Purchasers' submittal of the Nuclear Fuel Data Form, RW-859, which provides DOE with information concerning the quantities and characteristics of SNF currently in inventory. These characteristics include the date on which the SNF was permanently discharged.

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<sup>\*</sup> The term "date of permanent discharge" means the date the reactor went subcritical for the purpose of permanently discharging the spent nuclear fuel, as reported to DOE by the Purchasers on the Nuclear Fuel Data Form, RW-859.

<sup>\*\*</sup> The term "year," when used in reference to capacity allocation in this report, means the calendar year, beginning January 1 and ending December 31.

In accordance with the Standard Contract, an annual Acceptance Priority Ranking (APR) report and an ACR are issued. The APR establishes the order in which DOE allocates projected SNF acceptance capacity. As required by the Standard Contract, the priority ranking is based on the date the SNF was permanently discharged, with the owners of the oldest SNF, on an industry-wide basis, given the highest priority. All permanently discharged SNF, regardless of its subsequent classification<sup>\*\*\*</sup> for delivery, qualifies for an allocation based on an oldest-fuel-first (OFF) priority. There are currently no procedures for ranking high-level radioactive waste; however, such procedures are being developed for nonfuel components. Temporarily discharged SNF and projected SNF discharges will not be ranked.

The APR is the basis for allocating projected SNF acceptance capacity to each owner in the ACR. The ACR applies a 10-year projected nominal waste acceptance rate to the APR, resulting in individual capacity allocations. An allocation is a specified acceptance capacity (measured in metric tons of uranium) in a particular year for an individual Purchaser.

### 3.2 DELIVERY COMMITMENT SCHEDULES

The allocations in the ACR are the basis for DCS submittals, which represent the next step in the SNF acceptance process outlined in the Standard Contract. The DCS informs DOE of the Purchasers' plans for utilizing their allocations of projected SNF acceptance capacity. This information will assist DOE in meeting its contractual waste acceptance responsibilities and in developing the waste management system.

Article V.B of the Standard Contract states that, beginning January 1, 1992, Purchasers shall begin submitting DCSs, for DOE approval, that identify all SNF the Purchasers plan to deliver beginning 63 months thereafter. A DCS is submitted for only one designated delivery site and only one fuel type (Boiling Water Reactor –

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<sup>\*\*\*</sup> The Standard Contract (Appendix E) requires the Purchaser to classify SNF as Standard, Nonstandard, and/or Failed, prior to delivery.

BWR, Pressurized Water Reactor – PWR, or Other). Both the Purchasers' and DOE's ability to commit to a specific delivery date over 63 months in the future is limited. Therefore, only the year of delivery is designated on the DCS. The DCS also includes information concerning the proposed transport mode and the range of permanent discharge dates for the fuel to be delivered. Due to the limited projected annual acceptance capacity of the CRWMS, only DCSs submitted by Purchasers who have an allocation in the particular delivery year will be considered for approval. A summary of Purchaser allocations, to be used as the basis for DCS submittals, is presented in Table 3.1. This table supercedes all previously published versions of Table 3.1. The DCS form and instructions have previously been sent to the Purchasers. The instructions state that, once a Purchaser has an allocation, the SNF to be delivered need not be the SNF that earned the Purchaser an allocation.

The actual number of DCSs submitted by a Purchaser will vary according to the number of allocations they have in the ACR and the number of DCSs they choose to submit for each allocation. However, the total MTU requested may not exceed the Purchaser's total MTU allocation for that year. Once a Purchaser has submitted a DCS, DOE shall approve or disapprove the DCS within 3 months of receipt. The information on the Purchasers' approved DCSs will assist DOE in implementing the waste acceptance process. Approved DCSs will be the basis for the Purchasers' Final Delivery Schedules (FDS), to be submitted at least 12 months prior to the delivery year. As provided in Article V.E of the Standard Contract, the Purchasers also have the right to exchange approved DCSs with other Purchasers, subject to DOE's approval.

All but one of the Purchasers with an allocation in 1998, the first year of projected CRWMS operations, submitted DCSs prior to the September 30, 1992, deadline. Additionally, several Purchasers submitted DCSs for years other than 1998. All of these DCSs are currently being processed by DOE. To assist Purchasers in assessing the status of DCS submittals, DOE will provide information on all approved DCSs upon request.

TABLE 3.1 SUMMARY OF PURCHASERS' ANNUAL ALLOCATIONS (MTU)\*

PURCHASER	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7	YEAR 8	YEAR 9	YEAR 10	TOTAL
ALABAMA POWER COMPANY	--	--	--	--	--	21.14	--	--	24.37	12.89	58.39
ARIZONA PUBLIC SERVICE	--	--	--	--	--	--	--	--	--	--	--
ARK POWER & LIGHT COMP	--	--	--	23.22	28.20	--	30.11	--	46.37	--	127.90
BABCOCK AND WILCOX COM	--	--	<0.01	0.02	--	--	--	--	--	--	0.02
BALTIMORE GAS & ELEC	--	--	--	12.55	41.44	28.46	52.12	--	55.25	29.51	219.33
BOSTON EDISON COMPANY	--	3.88	25.42	82.60	--	--	11.41	5.52	--	42.68	171.52
CAROLINA POWER & LIGHT	--	70.08	24.31	23.69	50.45	32.00	20.59	93.08	--	49.50	363.70
CLEVELAND ELEC ILLUM	--	--	--	--	--	--	--	--	--	--	--
COMMONWEALTH EDISON CO	21.10	60.43	153.85	121.01	163.76	175.30	66.84	107.76	98.17	98.15	1066.37
CONNECTICUT YANKEE ATO	65.46	22.47	19.75	21.77	21.81	20.19	--	21.81	--	21.83	215.09
CONSOLIDATED EDISON CO	2.92	27.66	32.74	--	27.00	--	28.29	2.26	22.15	--	143.03
CONSUMERS POWER COMPAN	--	2.46	87.34	2.67	27.31	3.49	26.49	--	2.83	30.80	183.38
DAIRYLAND POWER COOP	0.72	5.99	3.00	3.86	--	3.37	--	--	1.45	3.29	21.68
DETROIT EDISON COMPANY	--	--	--	--	--	--	--	--	--	--	--
U.S. DOE	18.06	11.08	3.24	4.50	7.30	72.81	16.32	--	3.26	19.90	156.48
DUKE POWER COMPANY	--	24.81	47.61	62.41	58.35	56.12	61.12	31.55	63.48	66.31	471.75
DUQUESNE LIGHT COMPANY	--	--	--	--	--	--	16.13	--	--	24.37	40.51
FLORIDA POWER & LIGHT	--	20.82	37.00	40.42	32.85	40.82	71.32	33.08	52.15	37.63	366.08
FLORIDA POWER CORP	--	--	--	--	1.39	--	26.01	20.40	--	30.15	77.95
G. E. URANIUM MGT.	145.23	--	--	--	--	--	--	--	--	--	145.23
GENERAL ATOMICS	<0.01	<0.01	--	--	<0.01	--	--	<0.01	<0.01	<0.01	<0.01
GEORGIA POWER COMPANY	--	--	--	0.75	4.49	--	35.24	--	56.39	15.18	112.06
GPU NUCLEAR	31.10	42.97	46.79	49.40	33.88	55.21	--	27.58	--	--	286.92
GULF STATES UTILITIES	--	--	--	--	--	--	--	--	--	--	--
HOUSTON LIGHTING & PWR	--	--	--	--	--	--	--	--	--	--	--
ILLINOIS POWER COMPANY	--	--	--	--	--	--	--	--	--	--	--
INDIANA & MICH ELEC CO	--	--	--	28.51	29.11	--	62.41	27.89	69.70	--	217.63
IOWA ELEC LIGHT & PWR	--	--	15.38	13.88	21.79	0.75	--	16.53	15.49	--	83.83
KANSAS GAS AND ELEC	--	--	--	--	--	--	--	--	--	--	--
LONG ISL LIGHT COMPANY	--	--	--	--	--	--	--	--	--	--	--
LOUISIANA POWER AND LT	--	--	--	--	--	--	--	--	--	--	--
MAINE YANKEE ATOMIC	--	26.31	57.86	27.24	--	50.64	--	26.25	28.17	--	216.47
MISSISSIPPI POWER & LT	--	--	--	--	--	--	--	--	--	--	--
NEBRASKA PUB POWER DIS	--	--	--	23.52	13.75	--	31.18	28.65	20.96	--	118.06
NEY DIVISION OF PSNH	--	--	--	--	--	--	--	--	--	--	--
NIAGARA MOHAWK POWER	9.30	48.97	38.80	30.73	--	31.15	--	--	36.82	--	195.78
NORTHEAST UTIL SVC COM	5.44	40.64	28.19	24.27	41.89	26.50	28.08	59.08	--	28.34	282.43
NORTHERN STATES POWER	--	26.13	83.50	29.84	33.86	17.51	32.51	43.23	35.66	16.02	318.26
OMAHA PUB POWER DIST	--	--	9.32	12.82	18.91	16.36	--	14.73	--	14.59	86.73
PACIFIC GAS AND ELECT	7.25	6.08	2.58	13.02	--	--	--	--	--	--	28.94
PENN POWER & LIGHT	--	--	--	--	--	--	--	--	--	--	--
PHILADELPHIA ELEC COMP	--	--	36.27	68.04	47.67	48.72	51.64	51.27	40.52	50.73	394.85
PORTLAND GENERAL ELEC	--	--	--	--	0.46	--	--	24.36	16.10	17.00	57.92
POWER AUTH OF NY STATE	--	--	--	25.83	3.65	51.07	34.68	30.00	--	69.78	215.01
PUB SVC CO OF COLORADO	--	--	--	--	--	--	--	--	--	--	--
PUB SVC ELEC & GAS COM	--	--	--	--	--	--	17.48	29.44	--	25.75	72.68
ROCHESTER GAS & ELEC	31.98	4.60	24.38	16.04	16.10	15.70	--	14.15	5.86	6.72	135.52
SACRAMENTO MUNICIPAL UT	--	--	--	9.26	--	25.92	--	30.13	18.92	--	84.24
S. CAROLINA ELEC & GAS	--	--	--	--	--	--	--	--	--	--	--
SOUTHERN CALIF EDISON	35.56	20.46	19.29	19.22	--	19.20	--	19.21	--	--	132.93
TENNESSEE VALLEY AUTH	--	--	--	--	58.63	5.49	115.53	65.92	116.11	52.32	414.00
TEXAS UTILITIES GENERA	--	--	--	--	--	--	--	--	--	--	--
TOLEDO EDISON COMPANY	--	--	--	--	--	--	--	--	--	25.03	25.03
UNION ELEC COMPANY	--	--	--	--	--	--	--	--	--	--	--
VALLECITOS NUCLEAR CEN	--	--	--	--	--	--	--	--	--	--	--
VERMONT YANKEE NUCLEAR	--	72.80	--	11.94	8.63	27.44	25.64	16.93	--	22.11	185.49
VIRGINIA POWER	--	8.17	69.38	43.85	54.69	20.14	23.40	32.88	28.97	52.78	334.27
WASH PUB POWER SUPPLY	--	--	--	--	--	--	--	--	--	--	--
WISCONSIN ELEC POWER	16.28	43.01	19.77	27.07	36.74	24.83	9.64	12.84	16.07	21.73	227.97
WISCONSIN PUB SVC CORP	--	--	4.38	17.63	16.04	--	5.20	13.23	16.43	14.46	87.37
YANKEE ATOMIC ELEC COM	9.84	10.09	9.65	8.62	--	9.40	--	--	8.46	--	56.06
NOMINAL TOTAL	400	600	900	900	900	900	900	900	900	900	8200

\* The allocations in years 7 and 10 have been adjusted from the 1991 ACR to reflect reinsertions by three Purchasers. The reinsertions were of SNF previously identified as being permanently discharged. See NOTES TO TABLES A.1 THROUGH A.10.

#### **4.0 ACR ISSUE RESOLUTION PROCESS**

A comprehensive review of the Standard Contract conducted in 1986 in preparation for issuing the first ACR, indicated that although the Standard Contract included considerable information regarding waste acceptance criteria and procedures, it did not provide sufficient detail and guidance to enable either DOE or the Purchasers to carry out their respective contractual responsibilities and plan for the orderly transfer of spent fuel to the Federal waste management system. Since 1987, DOE has been working cooperatively with utility representatives (EEI/UWASTE and USCEA) on many of the issues that must be resolved in order to implement the terms and conditions of the Standard Contract. These staff-to-staff technical exchanges are referred to as the ACR Issue Resolution Process (IRP). The objective of the ACR IRP is to resolve the Standard Contract related issues while retaining waste management flexibility and equity among the Purchasers, and ensuring the safe, effective and economical operation of the CRWMS.

#### **4.1 STATUS OF THE ACR ISSUE RESOLUTION PROCESS**

Thirty-four Standard Contract related issues were identified as requiring resolution. These issues cover a wide variety of topics and range from a need to make minor word changes in the Standard Contract to enhance clarity or resolve inconsistencies, to the development of formal waste acceptance criteria and procedures including DCS exchanges among Purchasers.

Since 1989, the ACR IRP has focused on priority issues that need resolution for DOE and the Purchasers to implement their near-term contractual responsibilities. The Purchasers have formally submitted consensus positions on 18 of these issues. During 1992, DOE and the ACR Response Team continued to build on their progress toward resolving these priority issues. DOE is developing official positions on as many of the 18 issues as possible. Utility consensus positions and the results of DOE analyses are being considered in developing DOE's positions on these issues.

In March 1992, DOE met with the ACR Response Team to discuss DOE's preliminary draft positions on 13 of these issues, as well as the instructions for completing the DCS. DOE is planning to issue a Notice of Proposed Rulemaking to address a number of these issues in mid-1993.

## REFERENCES

1. "Nuclear Waste Policy Act of 1982," Public Law 97-425 (January 7, 1983) and the "Nuclear Waste Policy Amendments Act of 1987," Title V, Subtitle A, Public Law 100-203 (December 22, 1987).
2. U.S. Department of Energy, "Standard Contract for Disposal of Spent Nuclear Fuel and/or High-Level Radioactive Waste," Code of Federal Regulations, Title 10, Part 961 (1990).
3. U.S. Department of Energy, Annual Capacity Report, DOE/RW-146, Washington, D.C. (June 1987).

**APPENDIX**  
**ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS  
FOR THE DISPOSAL OF SPENT NUCLEAR FUEL**

Tables A.1 through A.10 present the listing of Purchasers' allocations in each of the first 10 years of projected CRWMS operations. An allocation is a portion of the nominal acceptance capacity (measured in MTU) in a particular year for an individual Purchaser. The number of assemblies that was the basis for each allocation is also included. To determine which Purchasers receive allocations for each year, the MTU equivalents of the SNF that the Purchaser permanently discharged, as contained in the 1992 APR, were summed until the projected nominal capacity for each year was approximated. In some cases, it was necessary to divide discharged SNF with the same date of discharge if inclusion of the entire discharge would cause the total amount allocated in a given year to be significantly different from the nominal acceptance rate. In these cases, the remaining assemblies in the discharge were used as part of the Purchaser's allocation for the following year. The information in Tables A.1 through A.10 is based on this summation, and grouped alphabetically by Purchaser. The exact order of delivery within each year will not be determined until the Purchasers' FDSs are approved by DOE. Some of the allocations presented in Tables A.1 through A.10 may differ from the 1991 allocations due to differences in the precision used in the supporting calculations. Similarly, the sum of the allocations in the Originator column may not match the total in the Purchaser column due to independent rounding.

TABLE A.1.

## ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS, YEAR 1

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
COMMONWEALTH EDISON COMPANY DRESDEN 1	206	206	21.10	21.10	BWR
CONNECTICUT YANKEE ATOMIC POWER HADDAM NECK	156	156	65.46	65.46	PWR
CONSOLIDATED EDISON COMPANY INDIAN POINT 1	15	15	2.92	2.92	PWR
DAIRYLAND POWER COOP LACROSSE	6	6	0.72	0.72	BWR
U.S. DOE BIG ROCK 1	55	12	18.06	1.58	BWR
GINNA		40		15.29	PWR
POINT BEACH 1		3		1.19	PWR
G. E. URANIUM MGT. CORP (MORRIS OPERATION) DRESDEN 2	753	753	145.23 <sup>1</sup>	145.23 <sup>1</sup>	BWR
GENERAL ATOMICS GENERAL ATOMICS	19	19	<0.01	<0.01	RCH
GPU NUCLEAR OYSTER CREEK 1	160	160	31.10	31.10	BWR
NIAGARA MOHAWK POWER CORP NINE MILE POINT 1	48	48	9.30	9.30	BWR
NORTHEAST UTIL SVC COMPANY MILLSTONE 1	28	28	5.44	5.44	BWR
PACIFIC GAS AND ELECT HUMBOLDT BAY	95	95	7.25	7.25	BWR
ROCHESTER GAS & ELEC GINNA	81	81	31.98	31.98	PWR
SOUTHERN CALIF EDISON COMPANY SAN ONOFRE 1	97	97	35.56	35.56	PWR
WISCONSIN ELEC POWER COMPANY POINT BEACH 1	41	41	16.28	16.28	PWR
YANKEE ATOMIC ELEC COMPANY YANKEE-ROWE 1	36	36	9.84	9.84	PWR
TOTAL SNF	1796	1796	400.24	400.24	
NO. OF PURCHASERS	15				
NO. OF FUEL ORIGINATORS	17				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTR=High Temperature Gas Reactor  
 1 Corrected to reflect a previous DOE data entry error

TABLE A.1. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
NO. OF PWR ASSEMBLIES	469				
NO. OF BWR ASSEMBLIES	1308				
NO. OF RCH ASSEMBLIES	19				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.2.

## ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS, YEAR 2

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
BOSTON EDISON COMPANY PILGRIM 1	20	20	3.88	3.88	BWR
CAROLINA POWER & LIGHT COMPANY ROBINSON 2	157	157	70.08	70.08	PWR
COMMONWEALTH EDISON COMPANY DRESDEN 1	355	89	60.43	9.14	BWR
DRESDEN 2		139		26.71	BWR
DRESDEN 3		95		18.44	BWR
QUAD CITIES 1		32		6.14	BWR
CONNECTICUT YANKEE ATOMIC POWER HADDAM NECK	55	55	22.47	22.47	PWR
CONSOLIDATED EDISON COMPANY INDIAN POINT 1	145	145	27.66	27.66	PWR
CONSUMERS POWER COMPANY BIG ROCK 1	18	18	2.46	2.46	BWR
DAIRYLAND POWER COOP LACROSSE	50	50	5.99	5.99	BWR
U.S. DOE BIG ROCK 1	76	73	11.08	9.92	BWR
POINT BEACH 1		3		1.17	PWR
DUKE POWER COMPANY OCONEE 1	53	53	24.81	24.81	PWR
FLORIDA POWER & LIGHT COMPANY TURKEY POINT 3	46	46	20.82	20.82	PWR
GENERAL ATOMICS GENERAL ATOMICS	4	4	<0.01	<0.01	RCH
GPU NUCLEAR OYSTER CREEK 1	220	220	42.97	42.97	BWR
MAINE YANKEE ATOMIC MAINE YANKEE	72	72	26.31	26.31	PWR
NIAGARA MOHAWK POWER CORP NINE MILE POINT 1	252	252	48.97	48.97	BWR
NORTHEAST UTIL SVC COMPANY MILLSTONE 1	208	208	40.64	40.64	BWR
NORTHERN STATES POWER COMPANY MONTICELLO	135	135	26.13	26.13	BWR
PACIFIC GAS AND ELECT HUMBOLDT BAY	80	80	6.08	6.08	BWR

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.2. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
ROCHESTER GAS & ELEC GINNA	12	12	4.60	4.60	PWR
SOUTHERN CALIF EDISON COMPANY SAN ONOFRE 1	57	57	20.46	20.46	PWR
VERMONT YANKEE NUCLEAR POWER CORP VERMONT YANKEE 1	378	378	72.81	72.81	BWR
VIRGINIA POWER SURRY 1	18	18	8.17	8.17	PWR
WISCONSIN ELEC POWER COMPANY POINT BEACH 1 POINT BEACH 2	110	74 36	43.01	28.63 14.37	PWR PWR
YANKEE ATOMIC ELEC COMPANY YANKEE-ROWE 1	37	37	10.09	10.09	PWR
TOTAL SNF	2558	2558	599.92	599.92	
NO. OF PURCHASERS	23				
NO. OF FUEL ORIGINATORS	28				
NO. OF PWR ASSEMBLIES	765				
NO. OF BWR ASSEMBLIES	1789				
NO. OF RCH ASSEMBLIES	4				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.3.

## ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS, YEAR 3

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
BABCOCK AND WILCOX COMPANY OCONEE 1	0	0	<0.01	<0.01	PWR
BOSTON EDISON COMPANY PILGRIM 1	132	132	25.42	25.42	BWR
CAROLINA POWER & LIGHT COMPANY BRUNSWICK 2 ROBINSON 2	56	4 52	24.31	0.72 23.58	BWR PWR
COMMONWEALTH EDISON COMPANY DRESDEN 1 DRESDEN 2 DRESDEN 3 QUAD CITIES 1 QUAD CITIES 2 ZION 1	763	64 173 141 157 179 49	153.85	6.55 33.25 27.39 30.05 34.32 22.29	BWR BWR BWR BWR BWR PWR
CONNECTICUT YANKEE ATOMIC POWER HADDAM NECK	48	48	19.75	19.75	PWR
CONSOLIDATED EDISON COMPANY INDIAN POINT 2	72	72	32.74	32.74	PWR
CONSUMERS POWER COMPANY BIG ROCK 1 PALISADES	227	22 205	87.34	3.00 84.34	BWR PWR
DAIRYLAND POWER COOP LACROSSE	25	25	3.00	3.00	BWR
U.S. DOE DRESDEN 1 HADDAM NECK PEACHBOTTOM 2 TURKEY POINT 3	10	2 1 2 5	3.24	0.20 0.41 0.38 2.24	BWR PWR BWR PWR
DUKE POWER COMPANY OCONEE 1 OCONEE 2	102	60 42	47.61	28.12 19.50	PWR PWR
FLORIDA POWER & LIGHT COMPANY TURKEY POINT 3 TURKEY POINT 4	82	32 50	37.00	14.36 22.64	PWR PWR
GPU NUCLEAR OYSTER CREEK 1 THREE MILE ISLAND 1	198	168 30	46.79	32.86 13.93	BWR PWR
IOWA ELEC LIGHT & POWER COMPANY DUANE ARNOLD	82	82	15.38	15.38	BWR
MAINE YANKEE ATOMIC MAINE YANKEE	152	152	57.86	57.86	PWR

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.3. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
NIAGARA MOHAWK POWER CORP NINE MILE POINT 1	200	200	38.80	38.80	BWR
NORTHEAST UTIL SVC COMPANY MILLSTONE 1	144	144	28.19	28.19	BWR
NORTHERN STATES POWER COMPANY MONTICELLO PRAIRIE ISLAND 1	389	349 40	83.50	67.54 15.96	BWR PWR
OMAHA PUB POWER DIST FORT CALHOUN	25	25	9.32	9.32	PWR
PACIFIC GAS AND ELECT HUMBOLDT BAY	34	34	2.58	2.58	BWR
PHILADELPHIA ELEC COMPANY PEACHBOTTOM 2	186	186	36.27	36.27	BWR
ROCHESTER GAS & ELEC GINNA	62	62	24.38	24.38	PWR
SOUTHERN CALIF EDISON COMPANY SAN ONOFRE 1	53	53	19.29	19.29	PWR
VIRGINIA POWER SURRY 1 SURRY 2	154	73 81	69.38	32.96 36.42	PWR PWR
WISCONSIN ELEC POWER COMPANY POINT BEACH 1 POINT BEACH 2	50	16 34	19.77	6.37 13.40	PWR PWR
WISCONSIN PUB SVC CORP KEWAUNEE	11	11	4.38	4.38	PWR
YANKEE ATOMIC ELEC COMPANY YANKEE-ROWE 1	40	40	9.65	9.65	PWR
TOTAL SNF	3297	3297	899.79	899.79	
NO. OF PURCHASERS	26				
NO. OF FUEL ORIGINATORS	42				
NO. OF PWR ASSEMBLIES	1233				
NO. OF BWR ASSEMBLIES	2064				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.4.

ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS, YEAR 4

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
ARK POWER & LIGHT COMPANY ARKANSAS NUCLEAR 1	50	50	23.22	23.22	PWR
BABCOCK AND WILCOX COMPANY OCONEE 1 OCONEE 2	0	0 0	0.02	<0.01 0.01	PWR PWR
BALTIMORE GAS & ELEC COMPANY CALVERT CLIFFS 1	32	32	12.55	12.55	PWR
BOSTON EDISON COMPANY PILGRIM 1	428	428	82.60	82.60	BWR
CAROLINA POWER & LIGHT COMPANY ROBINSON 2	52	52	23.69	23.69	PWR
COMMONWEALTH EDISON COMPANY DRESDEN 1 DRESDEN 3 QUAD CITIES 1 QUAD CITIES 2 ZION 2	603	66 148 183 164 42	121.01	6.81 28.62 35.32 31.22 19.05	BWR BWR BWR BWR PWR
CONNECTICUT YANKEE ATOMIC POWER HADDAM NECK	53	53	21.77	21.77	PWR
CONSUMERS POWER COMPANY BIG ROCK 1	20	20	2.67	2.67	BWR
DAIRYLAND POWER COOP LACROSSE	32	32	3.86	3.86	BWR
U.S. DOE SURRY 2	10	10	4.50	4.50	PWR
DUKE POWER COMPANY OCONEE 1 OCONEE 2 OCONEE 3	134	60 73 1	62.41	28.07 33.87 0.46	PWR PWR PWR
FLORIDA POWER & LIGHT COMPANY TURKEY POINT 3 TURKEY POINT 4	91	57 34	40.42	25.23 15.20	PWR PWR
GEORGIA POWER COMPANY HATCH 1	4	4	0.75	0.75	BWR
GPU NUCLEAR OYSTER CREEK 1 THREE MILE ISLAND 1	181	128 53	49.40	24.82 24.59	BWR PWR
INDIANA & MICH ELEC COMPANY COOK 1	63	63	28.51	28.51	PWR

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.4. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
IOWA ELEC LIGHT & POWER COMPANY DUANE ARNOLD	74	74	13.88	13.88	BWR
MAINE YANKEE ATOMIC MAINE YANKEE	70	70	27.24	27.24	PWR
NEBRASKA PUB POWER DIS COOPER STATION	120	120	23.52	23.52	BWR
NIAGARA MOHAWK POWER CORP NINE MILE POINT 1	160	160	30.73	30.73	BWR
NORTHEAST UTIL SVC COMPANY MILLSTONE 1	124	124	24.27	24.27	BWR
NORTHERN STATES POWER COMPANY PRAIRIE ISLAND 1 PRAIRIE ISLAND 2	75	35 40	29.84	13.80 16.03	PWR PWR
OMAHA PUB POWER DIST FORT CALHOUN	36	36	12.82	12.82	PWR
PACIFIC GAS AND ELECT HUMBOLDT BAY	181	181	13.02	13.02	BWR
PHILADELPHIA ELEC COMPANY PEACHBOTTOM 2 PEACHBOTTOM 3	360	172 188	68.04	32.20 35.83	BWR BWR
POWER AUTH OF NY STATE FITZPATRICK	132	132	25.83	25.83	BWR
ROCHESTER GAS & ELEC GINNA	41	41	16.04	16.04	PWR
SACRAMENTO MUNICIP UTIL DISTR RANCHO SECO 1	20	20	9.26	9.26	PWR
SOUTHERN CALIF EDISON COMPANY SAN ONOFRE 1	53	53	19.22	19.22	PWR
VERMONT YANKEE NUCLEAR POWER CORP VERMONT YANKEE 1	65	65	11.94	11.94	BWR
VIRGINIA POWER SURRY 1 SURRY 2	98	89 9	43.85	39.80 4.05	PWR PWR
WISCONSIN ELEC POWER COMPANY POINT BEACH 1 POINT BEACH 2	69	32 37	27.07	12.80 14.26	PWR PWR
WISCONSIN PUB SVC CORP KEWAUNEE	45	45	17.63	17.63	PWR

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.4. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
YANKEE ATOMIC ELEC COMPANY YANKEE-ROWE 1	36	36	8.62	8.62	PWR
TOTAL SNF	3512	3512	900.17	900.17	
NO. OF PURCHASERS	33				
NO. OF FUEL ORIGINATORS	46				
NO. OF PWR ASSEMBLIES	1123				
NO. OF BWR ASSEMBLIES	2389				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTO=High Temperature Gas Reactor

TABLE A.5.

## ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS, YEAR 5

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
ARK POWER & LIGHT COMPANY ARKANSAS NUCLEAR 1	61	61	28.20	28.20	PWR
BALTIMORE GAS & ELEC COMPANY CALVERT CLIFFS 1	112	112	41.44	41.44	PWR
CAROLINA POWER & LIGHT COMPANY BRUNSWICK 2 ROBINSON 2	193	140 53	50.45	26.29 24.16	BWR PWR
COMMONWEALTH EDISON COMPANY DRESDEN 2 DRESDEN 3 QUAD CITIES 2 ZION 1 ZION 2	680	196 176 180 64 64	163.76	37.67 34.06 34.34 29.08 28.62	BWR BWR BWR PWR PWR
CONNECTICUT YANKEE ATOMIC POWER HADDAM NECK	53	53	21.81	21.81	PWR
CONSOLIDATED EDISON COMPANY INDIAN POINT 2	60	60	27.00	27.00	PWR
CONSUMERS POWER COMPANY PALISADES	68	68	27.31	27.31	PWR
U.S. DOE SURRY 1 SURRY 2 TURKEY POINT 3	16	1 2 13	7.30	0.45 0.91 5.93	PWR PWR PWR
DUKE POWER COMPANY OCONEE 3	126	126	58.35	58.35	PWR
FLORIDA POWER & LIGHT COMPANY ST LUCIE 1 TURKEY POINT 3	79	52 27	32.85	20.64 12.21	PWR PWR
FLORIDA POWER CORP CRYSTAL RIVER 3	3	3	1.39	1.39	PWR
GENERAL ATOMICS GENERAL ATOMICS	2	2	<0.01	<0.01	RCH
GEORGIA POWER COMPANY HATCH 1	24	24	4.49	4.49	BWR
GPU NUCLEAR THREE MILE ISLAND 1	73	73	33.88	33.88	PWR
INDIANA & MICH ELEC COMPANY COOK 1	64	64	29.11	29.11	PWR
IOWA ELEC LIGHT & POWER COMPANY DUANE ARNOLD	116	116	21.79	21.79	BWR

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.5. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
NEBRASKA PUB POWER DIS COOPER STATION	72	72	13.75	13.75	BWR
NORTHEAST UTIL SVC COMPANY MILLSTONE 1 MILLSTONE 2	169	124 45	41.89	24.08 17.81	BWR PWR
NORTHERN STATES POWER COMPANY MONTICELLO PRAIRIE ISLAND 1 PRAIRIE ISLAND 2	96	20 41 35	33.86	3.74 16.11 14.01	BWR PWR PWR
OMAHA PUB POWER DIST FORT CALHOUN	52	52	18.91	18.91	PWR
PHILADELPHIA ELEC COMPANY PEACHBOTTOM 3	252	252	47.67	47.67	BWR
PORTLAND GENERAL ELEC TROJAN	1	1	0.46	0.46	PWR
POWER AUTH OF NY STATE INDIAN POINT 3	8	8	3.65	3.65	PWR
ROCHESTER GAS & ELEC GINNA	41	41	16.10	16.10	PWR
TENNESSEE VALLEY AUTHORITY BROWNS FERRY 1 BROWNS FERRY 2	300	168 132	58.63	32.83 25.80	BWR BWR
VERMONT YANKEE NUCLEAR POWER CORP VERMONT YANKEE 1	47	47	8.63	8.63	BWR
VIRGINIA POWER SURRY 1 SURRY 2	121	42 79	54.69	19.17 35.52	PWR PWR
WISCONSIN ELEC POWER COMPANY POINT BEACH 1 POINT BEACH 2	92	48 44	36.74	19.12 17.61	PWR PWR
WISCONSIN PUB SVC CORP KEWAUNEE	41	41	16.04	16.04	PWR
TOTAL SNF	3022	3022	900.14	900.14	
NO. OF PURCHASERS	29				
NO. OF FUEL ORIGINATORS	43				
NO. OF PWR ASSEMBLIES	1373				
NO. OF BWR ASSEMBLIES	1647				
NO. OF RCH ASSEMBLIES	2				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.6.

ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS, YEAR 6

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
ALABAMA POWER COMPANY FARLEY 1	46	46	21.14	21.14	PWR
BALTIMORE GAS & ELEC COMPANY CALVERT CLIFFS 2	72	72	28.46	28.46	PWR
CAROLINA POWER & LIGHT COMPANY BRUNSWICK 1 BRUNSWICK 2	171	39 132	32.00	7.27 24.73	BWR BWR
COMMONWEALTH EDISON COMPANY DRESDEN 1 DRESDEN 2 QUAD CITIES 1 ZION 1 ZION 2	949	464 158 193 65 69	175.30	47.03 30.35 37.28 29.52 31.11	BWR BWR BWR PWR PWR
CONNECTICUT YANKEE ATOMIC POWER HADDAM NECK	49	49	20.19	20.19	PWR
CONSUMERS POWER COMPANY BIG ROCK 1	26	26	3.49	3.49	BWR
DAIRYLAND POWER COOP LACROSSE	28	28	3.37	3.37	BWR
U.S. DOE FORT ST VRAIN OCONEE 1 SURRY 2 THREE MILE ISLAND 2	396	246 0 8 142	72.81	2.96 <0.01 3.66 66.19	HTG PWR PWR PWR
DUKE POWER COMPANY OCONEE 1 OCONEE 2	121	56 65	56.12	25.98 30.14	PWR PWR
FLORIDA POWER & LIGHT COMPANY TURKEY POINT 3 TURKEY POINT 4	90	30 60	40.82	13.70 27.12	PWR PWR
GPU NUCLEAR OYSTER CREEK 1 THREE MILE ISLAND 1	220	168 52	55.21	31.07 24.14	BWR PWR
IOWA ELEC LIGHT & POWER COMPANY DUANE ARNOLD	4	4	0.75	0.75	BWR
MAINE YANKEE ATOMIC MAINE YANKEE	133	133	50.64	50.64	PWR
NIAGARA MOHAWK POWER CORP NINE MILE POINT 1	168	168	31.15	31.15	BWR
NORTHEAST UTIL SVC COMPANY MILLSTONE 2	72	72	26.50	26.50	PWR

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.6. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
NORTHERN STATES POWER COMPANY	48		17.51		
MONTICELLO		8		1.47	BWR
PRAIRIE ISLAND 2		40		16.04	PWR
OMAHA PUB POWER DIST	44		16.36		
FORT CALHOUN		44		16.36	PWR
PHILADELPHIA ELEC COMPANY	260		48.72		
PEACHBOTTOM 2		260		48.72	BWR
POWER AUTH OF NY STATE	192		51.07		
FITZPATRICK		136		25.48	BWR
INDIAN POINT 3		56		25.58	PWR
ROCHESTER GAS & ELEC	40		15.70		
GINNA		40		15.70	PWR
SACRAMENTO MUNICIP UTIL DISTR	56		25.92		
RANCHO SECO 1		56		25.92	PWR
SOUTHERN CALIF EDISON COMPANY	52		19.20		
SAN ONOFRE 1		52		19.20	PWR
TENNESSEE VALLEY AUTHORITY	29		5.49		
BROWNS FERRY 1		26		4.93	BWR
BROWNS FERRY 3		3		0.56	BWR
VERMONT YANKEE NUCLEAR POWER CORP	149		27.44		
VERMONT YANKEE 1		149		27.44	BWR
VIRGINIA POWER	44		20.14		
SURRY 2		44		20.14	PWR
WISCONSIN ELEC POWER COMPANY	62		24.83		
POINT BEACH 1		33		13.21	PWR
POINT BEACH 2		29		11.62	PWR
YANKEE ATOMIC ELEC COMPANY	40		9.40		
YANKEE-ROWE 1		40		9.40	PWR
<b>TOTAL SNF</b>	<b>3561</b>	<b>3561</b>	<b>899.74</b>	<b>899.74</b>	
NO. OF PURCHASERS	27				
NO. OF FUEL ORIGINATORS	42				
NO. OF PWR ASSEMBLIES	1353				
NO. OF BWR ASSEMBLIES	1962				
NO. OF HTG ASSEMBLIES	246				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.7.

## ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS, YEAR 7

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
ARK POWER & LIGHT COMPANY ARKANSAS NUCLEAR 1	65	65	30.11	30.11	PWR
BALTIMORE GAS & ELEC COMPANY CALVERT CLIFFS 1 CALVERT CLIFFS 2	136	72 64	52.12	28.43 23.68	PWR PWR
BOSTON EDISON COMPANY FILGRIM 1	62	62	11.41	11.41	BWR
CAROLINA POWER & LIGHT COMPANY ROBINSON 2	48	48	20.59	20.59	PWR
COMMONWEALTH EDISON COMPANY QUAD CITIES 2 ZION 1	250	180 70	66.84	34.92 31.92	BWR PWR
CONSOLIDATED EDISON COMPANY INDIAN POINT 2	63	63	28.29	28.29	PWR
CONSUMERS POWER COMPANY PALISADES	68	68	26.49	26.49	PWR
U.S. DOE OCONEE 1 THREE MILE ISLAND 2	35	0 35	16.32	0.01 16.31	PWR PWR
DUKE POWER COMPANY OCONEE 1 OCONEE 3	132	67 65	61.12	31.10 30.02	PWR PWR
DUQUESNE LIGHT COMPANY BEAVER VALLEY 1	35	35	16.13	16.13	PWR
FLORIDA POWER & LIGHT COMPANY ST LUCIE 1 TURKEY POINT 3 TURKEY POINT 4	170	68 37 65	71.32	25.29 16.90 29.13	PWR PWR PWR
FLORIDA POWER CORP CRYSTAL RIVER 3	56	56	26.01	26.01	PWR
GEORGIA POWER COMPANY HATCH 1	188	188	35.24	35.24	BWR
INDIANA & MICH ELEC COMPANY COOK 1 COOK 2	137	66 71	62.41	29.81 32.61	PWR PWR
NEBRASKA PUB POWER DIS COOPER STATION	164	164	31.18	31.18	BWR
NORTHEAST UTIL SVC COMPANY MILLSTONE 1	148	148	28.08	28.08	BWR

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.7. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
NORTHERN STATES POWER COMPANY	81		32.51		
PRAIRIE ISLAND 1		41		16.41	PWR
PRAIRIE ISLAND 2		40		16.10	PWR
PHILADELPHIA ELEC COMPANY	272		51.64		
PEACHBOTTOM 3		272		51.64	BWR
POWER AUTH OF NY STATE	76		34.68		
INDIAN POINT 3		76		34.68	PWR
PUB SVC ELEC & GAS COMPANY	38		17.48		
SALEM 1		38		17.48	PWR
TENNESSEE VALLEY AUTHORITY	615		115.53		
BROWNS FERRY 1		362		67.92	BWR
BROWNS FERRY 2		156		29.49	BWR
BROWNS FERRY 3		97		18.12	BWR
VERMONT YANKEE NUCLEAR POWER CORP	139		25.64		
VERMONT YANKEE 1		139		25.64	BWR
VIRGINIA POWER	51		23.40		
NORTH ANNA 1		51		23.40	PWR
WISCONSIN ELEC POWER COMPANY	24		9.64		
POINT BEACH 1		24		9.64	PWR
WISCONSIN PUB SVC CORP	13		5.20		
KEWAUNEE		13		5.20	PWR
<b>TOTAL SNF</b>	<b>3066</b>	<b>3066</b>	<b>899.38</b>	<b>899.38</b>	
NO. OF PURCHASERS	25				
NO. OF FUEL ORIGINATORS	35				
NO. OF PWR ASSEMBLIES	1298				
NO. OF BWR ASSEMBLIES	1768				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.8.

## ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS, YEAR 8

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
BOSTON EDISON COMPANY PILGRIM 1	30	30	5.52	5.52	BWR
CAROLINA POWER & LIGHT COMPANY	430		93.08		
BRUNSWICK 1		245		45.69	BWR
BRUNSWICK 2		132		24.73	BWR
ROBINSON 2		53		22.67	PWR
COMMONWEALTH EDISON COMPANY	483		107.76		
DRESDEN 3		200		38.48	BWR
QUAD CITIES 1		224		42.36	BWR
ZION 2		59		26.92	PWR
CONNECTICUT YANKEE ATOMIC POWER HADDAM NECK	53	53	21.81	21.81	PWR
CONSOLIDATED EDISON COMPANY INDIAN POINT 2	5	5	2.26	2.26	PWR
DUKE POWER COMPANY OCONEE 2	68	68	31.55	31.55	PWR
FLORIDA POWER & LIGHT COMPANY ST LUCIE 1	88	88	33.08	33.08	PWR
FLORIDA POWER CORP CRYSTAL RIVER 3	44	44	20.40	20.40	PWR
GENERAL ATOMICS GENERAL ATOMICS	4	4	<0.01	<0.01	RCH
GPU NUCLEAR OYSTER CREEK 1	153	153	27.58	27.58	BWR
INDIANA & MICH ELEC COMPANY COOK 1	65	65	27.89	27.89	PWR
IOWA ELEC LIGHT & POWER COMPANY DUANE ARNOLD	88	88	16.53	16.53	BWR
MAINE YANKEE ATOMIC MAINE YANKEE	73	73	26.25	26.25	PWR
NEBRASKA PUB POWER DIS COOPER STATION	152	152	28.65	28.65	BWR
NORTHEAST UTIL SVC COMPANY	241		59.08		
MILLSTONE 1		168		31.10	BWR
MILLSTONE 2		73		27.98	PWR
NORTHERN STATES POWER COMPANY	188		43.23		
MONTICELLO		148		27.24	BWR
PRAIRIE ISLAND 1		40		15.99	PWR

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.8. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
OMAHA PUB POWER DIST FORT CALHOUN	40	40	14.73	14.73	PWR
PHILADELPHIA ELEC COMPANY PEACHBOTTOM 2	276	276	51.27	51.27	BWR
PORTLAND GENERAL ELEC TROJAN	53	53	24.36	24.36	PWR
POWER AUTH OF NY STATE FITZPATRICK	160	160	30.00	30.00	BWR
PUB SVC ELEC & GAS COMPANY SALEM 1	64	64	29.44	29.44	PWR
ROCHESTER GAS & ELEC GINNA	36	36	14.15	14.15	PWR
SACRAMENTO MUNICIP UTIL DISTR RANCHO SECO 1	65	65	30.13	30.13	PWR
SOUTHERN CALIF EDISON COMPANY SAN ONOPRE 1	52	52	19.21	19.21	PWR
TENNESSEE VALLEY AUTHORITY BROWNS FERRY 2	352	352	65.92	65.92	BWR
VERMONT YANKEE NUCLEAR POWER CORP VERMONT YANKEE 1	92	92	16.93	16.93	BWR
VIRGINIA POWER SURRY 1	72	72	32.89	32.89	PWR
WISCONSIN ELEC POWER COMPANY POINT BEACH 2	32	32	12.84	12.84	PWR
WISCONSIN PUB SVC CORP KEWAUNEE	33	33	13.23	13.23	PWR
TOTAL SNF	3492	3492	899.77	899.77	
NO. OF PURCHASERS	29				
NO. OF FUEL ORIGINATORS	35				
NO. OF PWR ASSEMBLIES	1068				
NO. OF BWR ASSEMBLIES	2420				
NO. OF RCH ASSEMBLIES	4				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.9.

## ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS, YEAR 9

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
ALABAMA POWER COMPANY FARLEY 1	53	53	24.37	24.37	PWR
ARK POWER & LIGHT COMPANY ARKANSAS NUCLEAR 1 ARKANSAS NUCLEAR 2	103	68 35	46.36	31.46 14.91	PWR PWR
BALTIMORE GAS & ELEC COMPANY CALVERT CLIFFS 1 CALVERT CLIFFS 2	143	70 73	55.25	27.12 28.14	PWR PWR
COMMONWEALTH EDISON COMPANY DRESDEN 2 QUAD CITIES 2 ZION 1	433	226 143 64	98.17	42.20 26.65 29.32	BWR BWR PWR
CONSOLIDATED EDISON COMPANY INDIAN POINT 2	49	49	22.15	22.15	PWR
CONSUMERS POWER COMPANY BIG ROCK 1	22	22	2.83	2.83	BWR
DAIRYLAND POWER COOP LACROSSE	12	12	1.45	1.45	BWR
U.S. DOE CALVERT CLIFFS 1 FORT ST VRAIN	241	1 240	3.26	0.39 2.87	PWR HTG
DUKE POWER COMPANY OCONEE 1 OCONEE 3	137	69 68	63.48	31.97 31.51	PWR PWR
FLORIDA POWER & LIGHT COMPANY TURKEY POINT 3 TURKEY POINT 4	114	78 36	52.15	35.66 16.48	PWR PWR
GENERAL ATOMICS GENERAL ATOMICS	7	7	<0.01	<0.01	RCH
GEORGIA POWER COMPANY HATCH 1 HATCH 2	304	228 76	56.40	42.42 13.98	BWR BWR
INDIANA & MICH ELEC COMPANY COOK 1 COOK 2	156	64 92	69.70	27.42 42.28	PWR PWR
IOWA ELEC LIGHT & POWER COMPANY DUANE ARNOLD	84	84	15.49	15.49	BWR
MAINE YANKEE ATOMIC MAINE YANKEE	73	73	28.17	28.17	PWR

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.9. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
NEBRASKA PUB POWER DIS COOPER STATION	112	112	20.96	20.96	BWR
NIAGARA MOHAWK POWER CORP NINE MILE POINT 1	200	200	36.82	36.82	BWR
NORTHERN STATES POWER COMPANY MONTICELLO PRAIRIE ISLAND 2	145	104 41	35.66	19.16 16.50	BWR PWR
PHILADELPHIA ELEC COMPANY PEACHBOTTOM 3	216	216	40.52	40.52	BWR
PORTLAND GENERAL ELEC TROJAN	35	35	16.10	16.10	PWR
ROCHESTER GAS & ELEC GINNA	15	15	5.86	5.86	PWR
SACRAMENTO MUNICIP UTIL DISTR RANCHO SECO 1	41	41	18.92	18.92	PWR
TENNESSEE VALLEY AUTHORITY BROWNS FERRY 1 BROWNS FERRY 3	621	245 376	116.11	45.85 70.27	BWR BWR
VIRGINIA POWER NORTH ANNA 1	63	63	28.97	28.97	PWR
WISCONSIN ELEC POWER COMPANY POINT BEACH 1 POINT BEACH 2	40	8 32	16.07	3.21 12.86	PWR PWR
WISCONSIN PUB SVC CORP KEWAUNEE	41	41	16.43	16.43	PWR
YANKEE ATOMIC ELEC COMPANY YANKEE-ROWE 1	36	36	8.46	8.46	PWR
<b>TOTAL SNF</b>	<b>3496</b>	<b>3496</b>	<b>900.10</b>	<b>900.10</b>	
NO. OF PURCHASERS	27				
NO. OF FUEL ORIGINATORS	39				
NO. OF PWR ASSEMBLIES	1205				
NO. OF BWR ASSEMBLIES	2044				
NO. OF HTG ASSEMBLIES	240				
NO. OF RCH ASSEMBLIES	7				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.10.

## ANNUAL ACCEPTANCE CAPACITY ALLOCATIONS, YEAR 10

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
ALABAMA POWER COMPANY FARLEY 1	28	28	12.89	12.89	PWR
BALTIMORE GAS & ELEC COMPANY CALVERT CLIFFS 1	76	76	29.51	29.51	PWR
BOSTON EDISON COMPANY FILGRIM 1	232	232	42.68	42.68	BWR
CAROLINA POWER & LIGHT COMPANY BRUNSWICK 2 ROBINSON 2	205	159 46	49.50	29.79 19.71	BWR PWR
COMMONWEALTH EDISON COMPANY DRESDEN 3 QUAD CITIES 2 ZION 1 ZION 2	361	188 57 52 64	98.15	34.63 10.62 23.69 29.21	BWR BWR PWR PWR
CONNECTICUT YANKEE ATOMIC POWER HADDAM NECK	53	53	21.83	21.83	PWR
CONSUMERS POWER COMPANY BIG ROCK 1 PALISADES	90	22 68	30.80	2.78 28.02	BWR PWR
DAIRYLAND POWER COOP LACROSSE	30	30	3.29	3.29	BWR
U.S. DOE CALVERT CLIFFS 1 POINT BEACH 1 SURRY 2	44	1 3 40	19.90	0.39 1.20 18.31	PWR PWR PWR
DUKE POWER COMPANY OCONEE 2 OCONEE 3	143	71 72	66.31	32.91 33.40	PWR PWR
DUQUESNE LIGHT COMPANY BEAVER VALLEY 1	53	53	24.37	24.37	PWR
FLORIDA POWER & LIGHT COMPANY ST LUCIE 1 TURKEY POINT 4	92	64 28	37.63	24.81 12.82	PWR PWR
FLORIDA POWER CORP CRYSTAL RIVER 3	65	65	30.15	30.15	PWR
GENERAL ATOMICS GENERAL ATOMICS	1	1	<0.01	<0.01	RCH
GEORGIA POWER COMPANY HATCH 1 HATCH 2	84	32 52	15.18	5.77 9.41	BWR BWR

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

TABLE A.10. (Continued)

PURCHASER/FUEL ORIGINATOR	ASSEMBLIES		MTU		FUEL TYPE*
	PURCHASER	ORIGINATOR	PURCHASER	ORIGINATOR	
NORTHEAST UTIL SVC COMPANY MILLSTONE 2	73	73	28.34	28.34	PWR
NORTHERN STATES POWER COMPANY PRAIRIE ISLAND 1	40	40	16.02	16.02	PWR
OMAHA PUB POWER DIST FORT CALHOUN	40	40	14.59	14.59	PWR
PHILADELPHIA ELEC COMPANY PEACHBOTTOM 2	276	276	50.73	50.73	BWR
PORTLAND GENERAL ELEC TROJAN	37	37	17.00	17.00	PWR
POWER AUTH OF NY STATE FITZPATRICK INDIAN POINT 3	264	188 76	69.78	35.09 34.69	BWR PWR
PUB SVC ELEC & GAS COMPANY SALEM 1	56	56	25.75	25.75	PWR
ROCHESTER GAS & ELEC GINNA	18	18	6.72	6.72	PWR
TENNESSEE VALLEY AUTHORITY BROWNS FERRY 3	280	280	52.32	52.32	BWR
TOLEDO EDISON COMPANY DAVIS-BESSE 1	53	53	25.03	25.03	PWR
VERMONT YANKEE NUCLEAR POWER CORP VERMONT YANKEE 1	120	120	22.11	22.11	BWR
VIRGINIA POWER NORTH ANNA 1 NORTH ANNA 2 SURRY 2	115	48 54 13	52.78	22.07 24.76 5.94	PWR PWR PWR
WISCONSIN ELEC POWER COMPANY POINT BEACH 1 POINT BEACH 2	54	25 29	21.73	10.05 11.68	PWR PWR
WISCONSIN PUB SVC CORP KEWAUNEE	37	37	14.46	14.46	PWR
<b>TOTAL SNF</b>	<b>3020</b>	<b>3020</b>	<b>899.55</b>	<b>899.55</b>	
NO. OF PURCHASERS	29				
NO. OF FUEL ORIGINATORS	43				
NO. OF PWR ASSEMBLIES	1383				
NO. OF BWR ASSEMBLIES	1636				
NO. OF RCH ASSEMBLIES	1				

\* BWR=Boiling Water Reactor; PWR=Pressurized Water Reactor; RCH=Research Reactor; HTG=High Temperature Gas Reactor

NOTES TO TABLES A.1 THROUGH A.10

SNF Reinsertions Affecting 1992 ACR

<u>Purchaser</u>	<u>Originator/ Location</u>	<u>Allocation Year</u>	<u>1991 ACR</u>		<u>1992 ACR</u>		<u>Explanation</u>
			<u># Assy</u>	<u>MTU</u>	<u># Assy</u>	<u>MTU</u>	
Wisconsin Elec Pwr	Point Beach 1	7	25	10.039	24	9.638	1 assembly reinserted in Pt Beach 2 cycle 18
Duquesne Light	Beaver Valley 1	7	36	16.591	35	16.134	1 assembly reinserted in cycle 9
Portland Gen Elec	Trojan	10	38	17.459	37	16.999	1 assembly reinserted in cycle 14

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