STATUS SUMMARIES
FOR
REACTORS UNDERGOING DECOMMISSIONING

Attachment 11

BIG ROCK POINT

Licensee:	Consumers Energy Company
Reactor Type:	67 Mw(e) BWR
Containment Type:	Dry, Spherical
Vendor:	GE
Power Level:	Permanently shutdown
CP Issuance Date:	5/31/1960
OL Issuance Date:	5/1/1964
OL Expiration Date:	N/A
Shutdown Date:	8/30/97

CURRENT DECOMMISSIONING STATUS

The plant shut down on August 30, 1997. Fuel was transferred to the spent fuel pool by September 20, 1997. The licensee submitted certification of permanent cessation of operations on June 26, 1997, and certification of permanent fuel removal on September 23, 1997. The licensee submitted their decommissioning plan (DP) on February 27, 1995. The DP was considered to be the PSDAR and has subsequently been updated. The PSDAR public meeting was held on November 13, 1997. The licensee selected the DECON option. Under the current schedule, the Part 50 license would be terminated in 2007. The current decommissioning cost estimate is approximately $314 million (2000 dollars).

CURRENT ISSUES

The licensee is planning to use a generally-licensed onsite dry cask transportable system compatible with Big Rock and Palisades fuel. The licensee expects to transfer fuel to ISFSI by October 2001. The estimated date of transfer from NRR project management to NMSS project management is 2002. Current licensing action requests are associated with upgrading the containment building crane, lifting/transporting the reactor vessel, and a 10 CFR 20.2002 request to bury demolition debris in a State of Michigan Landfill.

June 2001

DRESDEN - Unit 1

Licensee:	Exelon Generation Company
Reactor Type:	BWR
Containment Type:	Spherical
Vendor:	GE
Power Level:	Permanently shutdown
CP Issuance Date:	5/4/1956
OL Issuance Date:	9/28/1959
OL Expiration Date:	N/A
Shutdown Date:	10/78

CURRENT DECOMMISSIONING STATUS

The plant shut down in October 1978, and is currently in SAFSTOR. The decommissioning plan was approved in September 1993. No significant dismantlement activities are underway. Asbestos removal, isolation of Unit 1 from Units 2 and 3, and general radiation cleanup activities are complete or in progress. The licensee will dismantle Unit 1 at the same time as the other two units onsite, which is expected no earlier than 2011. The licensee submitted an updated PSDAR on June 1, 1998. The PSDAR public meeting was held on July 23, 1998. The current decommissioning cost estimate is $362 million (1996 dollars). The current amount in the decommissioning trust fund is $92.9 million. The licensee expects to collect the remainder by 2011. The expected date of transfer from NRR project management to NMSS project management has not been determined.

CURRENT ISSUES

The licensee will use the Holtec HISTAR 100 dual purpose cask and the HISTORM concrete overpack to store spent fuel. The HISTAR 100 draft Certificate of Compliance (CoC) SER was issued in September 1998. The HISTORM final rule was issued in May 2000. The licensee installed a new cask-handling crane, then loaded the first cask and transferred it to the ISFSI in August 2000. Subsequently, casks have been loaded with Unit 1 spent fuel from the Unit 2 spent fuel pool, along with Unit 2 spent fuel, to address the Unit 2 spent fuel storage issue.

July 2001

HADDAM NECK - CONNECTICUT YANKEE

Licensee:	Connecticut Yankee Atomic Power Company
Reactor Type:	PWR
Vendor:	Westinghouse
Power Level:	Permanently shutdown
Provisional OL:	6/30/67
Full Term OL:	12/27/74
OL Expiration date:	N/A
Shutdown Date:	7/22/96

CURRENT DECOMMISSIONING STATUS

Steam generators, RCPs and the pressurizer have been removed from containment and reactor internals segmentation is complete. Preparations are underway for reactor vessel removal from containment in late 2001 or early 2002. Plans are being finalized for turbine building dismantlement. There are 1016 spent fuel assemblies and 18 canisters of GTCC waste stored in the spent fuel pool. The date for transferring project management responsibilities from NRR to NMSS has not been determined, however, the licensee plans to begin operation of an ISFSI in 2003.

CURRENT ISSUES

Early this year, the staff issued RAIs related to the License Termination Plan (LTP) submitted in July 2000. The licensee submitted an initial response to the RAIs in June 2001. The LTP is being challenged by the Connecticut Dept. of Public Utility Controls and by the Citizens Awareness Network. Pre-hearing conferences were held in April and May 2001. The ASLBP ruled on the admissibility of contentions in early July 2001, however, hearings are not imminent because discovery against the staff will not commence until the LTP safety evaluation is issued.

In April 2001, the licensee was fined by the State of South Carolina for exceeding the limit for liquid content in a radioactive waste transport cask shipped to the Barnwell, SC disposal facility. An NRC inspection found contributing deficiencies in work process controls.

The licensee has been unsuccessful in obtaining approval from the town government for construction of the planned ISFSI. The licensee brought the issue to federal court, but the case was dismissed. Attempts at an out-of-court settlement have been fruitless. The Town of Haddam sent a letter to the Chairman in June 2001, asking for the NRC position on several issues related to CY's spent fuel storage plans. The staff is preparing a response to the letter. SFPO is reviewing a NAC application to use its dry storage cask at Haddam Neck.

The licensee recently announced its plans with AES Corporation to use part of the site for a natural gas-fired electric plant. CY plans to submit a request to the NRC to release its parking lot area for unrestricted use to build the plant.

June 2001

HUMBOLDT BAY

Licensee:	Pacific Gas & Electric Co.
Reactor Type:	65 MW(e) BWR
Containment Type:	Pressure suppression
Vendor:	GE/Bechtel
Power Level:	Permanently shutdown
Date of CP:	11/9/60
Date of OL:	08/28/62
OL Expiration:	N/A
Shutdown Date:	07/76

CURRENT DECOMMISSIONING STATUS

The plant was shutdown in July 1976. The plant is in SAFSTOR. The decommissioning plan was approved in July 1988. The licensee is evaluating the feasibility of early dismantlement with license termination in 2005. The 250-ft ventilation stack, which was in close proximity to the spent fuel pool, has been dismantled and replaced with a 50-ft vent stack that is less vulnerable to seismic induced damage. In September 1997, the licensee successfully repaired groundwater leaks into the reactor building caisson. The grout injection effort reduced inleakage from about 7000 gal/day to less than 15 gal/day. An updated PSDAR was submitted on February 27, 1998. The current decommissioning cost estimate is $218 million (license termination in 2015) or $201 million (license termination in 2005). There is currently $202.5 million in the decommissioning trust fund. The expected date of transfer from NRR project management to NMSS project management is 2005 assuming an early license termination. A Technical Specification conversion is presently in review with the staff.

CURRENT ISSUES

The licensee is planning to submit an ISFSI application in the fall of 2001, and anticipates the review and approval process will take 2 years. If the application is approved, a decision will then be made on whether to proceed with ISFSI construction. ISFSI construction and fuel movement is projected to be completed by mid -2005. Along with this PGE is involved in a study at this time to determine if total site decommissioning for Unit 3 should be undertaken sooner.

The next phase of work for PGE will involve asbestos removal, systems and structures radiological characterization, reactor and internals activation analysis, LLW management plan development, developing of a work, cost and scheduling process and the developing of a facilities and staffing plan. This phase would continue from now until 2004 assuming early decommissioning.

July 2001

INDIAN POINT - Unit 1

Licensee:	Consolidated Edison
Reactor Type:	257 Mw(e) PWR
Containment Type:	Dry Volumetric Pre-Stressed
Vendor:	B & W
Power Level:	Permanently shutdown
CP Issuance Date:	5/56
OL Issuance Date:	3/26/1962
OL Expiration Date:	N/A
Shutdown Date:	10/74

CURRENT DECOMMISSIONING STATUS

The plant was shutdown in October 1974. The order approving SAFSTOR was issued in January 1996. The license was extended to 2006. Currently there is no significant dismantlement underway. The licensee plans to decommission Unit 1 with Unit 2, which is currently in operation. The PSDAR public meeting was held on January 20, 1999. The current decommissioning cost estimate is for both Units 1 and 2. The licensee estimated site-specific decommissioning cost in 1998 dollars of $771.3 million. About 40% of this amount represents spent fuel storage costs. The estimated date of transfer from NRR project management to NMSS project management has not been determined yet.

CURRENT ISSUES

The licensee recently informed the NRC of its intentions to seek regulatory approval for onsite dry cask storage of the fuel in the SFP. Current merger between CEI and NU will have no effect on IP1 or IP2. The onsite and off-site resources supporting IP1 will not be refocused or altered in any way as a result of the merger. The recent accident at IP2 did not affect the SAFSTOR of IP1. Workers were doing routine maintenance in the IP1 spent fuel pools when the accident occurred.

April 2001

LACROSSE

Licensee:	Dairyland Power Corporation
Reactor Type:	50 Mw(e) BWR
Containment Type:	Light cylinder with hemispherical dome and semi-ellipsoidal bottom
Vendor:	Allis-Chalmers
Power Level:	Permanently shutdown
CP Issuance Date:	3/29/1963
OL Issuance Date:	7/3/1967
OL Expiration Date:	N/A
Shutdown Date:	04/30/87

CURRENT DECOMMISSIONING STATUS

The plant was shut down on April 30, 1987. The SAFSTOR decommissioning plan (DP) was approved August 7, 1991. The DP is considered the PSDAR. The PSDAR public meeting was held on May 13,1998. Limited and gradual dismantlement is currently underway. The current decommissioning cost estimate is $98.7 million for dismantlement. The current amount in the decommissioning trust fund is $66.9 million. The licensee expects to collect an additional $2.2 million per year through the year 2010. The estimated date of transfer from NRR project management to NMSS project management can not be determined because of spent fuel disposition schedule uncertainties.

CURRENT ISSUES

The licensee is coordinating with the Goshute Indian tribe in Utah for MRS storage of spent fuel. The licensee has no plans for an onsite ISFSI.

April 2001

MAINE YANKEE

Licensee:	Maine Yankee Atomic Power Company (MYAPC)
Reactor Type:	PWR
Containment Type:	Steel lined, reinforced concrete
Vendor:	CE
Power Level:	Permanently shutdown 860 MWe
OL Issuance Date:	6/29/1973
Shutdown Date:	12/06/96

CURRENT DECOMMISSIONING STATUS

The plant was shutdown on December 6, 1996. Certification of permanent cessation of operations was submitted on August 7, 1997. The PSDAR was submitted on August 27, 1997. The LTP was submitted on January 13, 2000. Based in part on hearing requests by the State of Maine and Friends of the Coast Opposing Nuclear Pollution, the licensee committed to develop a revised LTP and submitted the revised LTP on June 1, 2001. The licensee selected DECON as decommissioning option. A $250 million decommissioning and decontamination contract was awarded to Stone & Webster Engineering Corporation (SWEC) on August 4, 1998. The plant was de-powered on December 30,1998 to a "cold, dark plant" status for turnover to SWEC. On May 4, 2000, MYAPC terminated its contract with SWEC due to SWEC's financial difficulties and impending bankruptcy. The three steam generators and the pressurizer were shipped to GTS Duratek in Memphis, Tennessee, in June and July 2000, for processing and disposal. The current decommissioning cost estimate is $547 million of which $357 million applies to decommissioning, $154 million applies to spent fuel management, and $36 million applies to site restoration. The expected date of transfer from NRR to NMSS project management is late 2002, upon completion of fuel transfer to the ISFSI.

CURRENT ISSUES

On September 13, 2000, MYAPC announced that it was revising its plan for disposing of concrete from demolished buildings at the Maine Yankee site. MYAPC decided to dispose of above-grade concrete from demolished buildings by shipping the concrete to off-site disposal facilities rather than place it in the building foundations as it had initially proposed. The portion of the above-grade concrete that is radiologically contaminated will be shipped by rail to the Envirocare facility in Utah.

Beginning in July 2000, MYAPC began acting as its own general contractor, after terminating the decommissioning contract due to SWEC's impending bankruptcy. On January 26, 2001, MYAPC announced that it would manage the decommissioning as general contractor through completion.

The State of Maine and the Friends of the Coast Opposing Nuclear Pollution filed separate petitions to intervene in response to the license amendment associated with the Maine Yankee LTP. On July 20, 2000, the Atomic Safety and Licensing Board held a telephone conference with the participants and determined that the proceeding should be held in abeyance until MYAPC files a revised LTP. MYAPC filed the revised LTP on June 1, 2001.

The licensee intends to use the NAC International Universal Multi-Purpose Canister System (UMS) dry cask spent fuel storage system. Spent fuel transfer from the spent fuel pool to the onsite ISFSI is scheduled from September 2001 to November 2002.

July 2001

MILLSTONE - Unit 1

Licensee:	Northeast Nuclear Energy (NNECO)
Reactor Type:	652 MW(e) BWR
Vendor:	GE
Power Level:	Permanently shutdown
CP Issuance Date:	5/19/66
OL Issuance Date:	10/07/70 (Provisional Operating License)
	10/31/86 (Full Term Operating License)
Shutdown Date:	11/04/95

CURRENT DECOMMISSIONING STATUS

Unit 1 was shutdown on November 4, 1995. Unit 1 was defueled on November 19, 1995. Certifications per 10CFR 50.82(a) were submitted July 21, 1998. The licensee's current plan is to leave the plant in SAFSTOR until the Unit 2 operating license expires. The licensee submitted their PSDAR on June 14, 1999. The licensee has chosen a combination of the DECON and SAFSTOR options. NRR conducted two public meetings in Waterford, CT, on February 9, and August 25, 1999. The PSDAR estimated the total decommissioning cost, including and ISFSI, to be $692 million. A more recent analysis estimates the cost to be $701 million in mid-year 1999 dollars (including fuel management/storage and site restoration). The decommissioning trust fund amount is $304 million as of 12/99, with an additional $36 million being collected each year.

CURRENT ISSUES

On March 9, 2001, the NRC issued an Order approving the transfer of the Operating License for Millstone, Units 1, 2 and 3 from Northeast Nuclear Energy Company (NNECO) to Dominion Nuclear Connecticut, Inc. Dominion Nuclear Connecticut is an indirect, wholly-owned subsidiary of Dominion Energy, which is in turn owned by Dominion Resources, Inc. The closing of the sale and transfer was completed on March 31, 2001.

As part of preparation for the sale, NNECO conducted a spent fuel inventory reconciliation and determined in December 2000 that the location of two spent fuel rods was unknown. In 1972 a once burned fuel assembly was disassembled to allow testings by GE. Two of the fuel rods were not put back in the assembly but were put in a special fuel rod box. Records dated 1979 and 1980 show the rods stored in the Northwest corner of the spent fuel pool. Records after 1980 do not show the fuel rods in the fuel pool. No record for transport of the fuel rods offsite has been found. Inspections of the spent fuel pool, an extensive records search, and personnel interviews are continuing.

The licensee is evaluating the feasibility of constructing and operating an ISFSI. The PSDAR projects the fuel transfer to an ISFSI, if they build one, being completed by the end of 2005.

June 2001

RANCHO SECO

Licensee:	Sacramento Municipal Utility District
Reactor Type:	2772 MW(t) PWR
Containment Type:	Large Dry
Vendor:	B&W
Power Level:	Permanently shutdown
CP Issuance Date:	
OL Issuance Date:	8/16/1974
OL Expiration Date:	N/A
Shutdown Date:	06/89

CURRENT DECOMMISSIONING STATUS

The plant was shutdown in June 1989. The SAFSTOR decommissioning plan was approved in March 1995. The licensee revised its decommissioning plan in 1997 to use an incremental dismantlement approach. In November 1999, the licensee informed the NRC of its decision to begin full dismantlement of the facility. The licensee has completed dismantlement of the secondary side equipment in the turbine building. Wastes generated during decommissioning are being shipped to Envirocare. The current schedule is to complete the license termination survey by 2008. The licensee is now dismantling equipment in the auxiliary building. The current decommissioning cost estimate is $433 million (1999 dollars). The licensee has spent $118 million. The current amount in the decommissioning trust fund is approximately $128 million and is considered adequate to complete decommissioning. The licensee will be collecting money through the license expiration date of 2008. The expected date of transfer from NRR project management to NMSS project management is 2002.

CURRENT ISSUES

On October 4, 1991, the licensee submitted a site-specific Part 72 ISFSI application using the VECTRA NUHOMS-MP187 dual purpose cask design. The ISFSI pad is completed and horizontal storage modules delivered. The transportation and storage aspects of the dual purpose cask have been approved. A local public meeting to discuss the licensee's current dismantlement plans was held on June 20, 2000. In July 2000, the licensee received its spent fuel shipping cask. On March 12-15 and April 2-3, 2001, the NRC conducted a team inspection at Rancho Seco to evaluate the pre-operational test activities for the ISFSI. On April 3-13 and 19, 2001, the NRC conducted an inspection of the loading of the first canister into the ISFSI. In general all activities were performed satisfactorily. Further cask loading is awaiting delivery of more casks.

June 2001

SAN ONOFRE - Unit 1

Licensee:	Southern California Edison
Reactor Type:	436 Mw(e) PWR
Containment Type:	Spherical
Vendor:	Westinghouse
Power Level:	Permanently shutdown
CP Issuance Date:	3/2/1964
OL Issuance Date:	3/27/1967
OL Expiration Date:	N/A
Shutdown Date:	11/92

CURRENT DECOMMISSIONING STATUS

The plant was shut down in November 1992. The licensee submitted an updated PSDAR on December 15, 1998. The PSDAR public meeting was held on February 25, 1999. The facility transitioned from SAFSTOR in 1999 and is now in active decommissioning (DECON). Significant dismantlement is currently underway. The licensee has completed demolition of the emergency diesel generator building as part of their effort to make room for an onsite ISFSI. ISFSI construction is expected to begin in 2002. The control and administration building demolition is nearly complete. Dismantlement and removal of the electrical generator and main turbine is also nearly complete. Most major RCS piping cuts for major component removal have been completed. The control room has been relocated and Unit 1 has established its SFP island concept with the rest of the Unit 1 facility cold and dark. Major security modifications to isolate Units 2 and 3 from the Unit 1 are complete. The license is also in the early stages of RV internal segmentation and cutup. The contractor, PCI, has been conducting prototype testing and has begun work onsite. In addition, asbestos removal and abatement is ongoing. Over 70,000 lbs of waste have been shipped to date. The latest decommissioning cost estimate is $459 million (1998 dollars) which includes ISFSI costs. The full amount necessary to complete the plant decommissioning is in the decommissioning trust fund. The expected date of transfer from NRR project management to NMSS project management is expected to take place in mid-2005.

CURRENT ISSUES

Recent licensee schedules indicated ISFSI construction and cask procurement to support fuel movement beginning in 2003. The projected review and approval time for the cask certification is very tight. Vendor application for a certificate of compliance for the cask design to be used by SONGS was submitted to the NRC for approval on September 29, 2000. Seismic capability is expected to be the dominate area of review in licensing of the cask. The cask vendor is TN West.

July 2001

SAXTON

Licensees:	GPU Nuclear and Saxton Nuclear Experimental Corp.
Reactor Type:	28 Mw(th) PWR
Containment Type:	Steel vessel
Power Level:	Permanently shutdown
CP Issuance Date:	2/11/1960
OL Issuance Date:	11/15/1961
OL Expiration Date:	N/A
Shutdown Date:	05/72

CURRENT DECOMMISSIONING STATUS

The plant was shutdown in May 1972, and in February 1975, was placed in SAFSTOR until 1986, when phased dismantlement began with removal of support buildings, contaminated soil, and some material in the containment. The licensees submitted a decommissioning plan in 1996, which became the PSDAR. The licensee submitted a License Termination Plan (LTP) in February 1999, which was returned without review to the licensees because it contained insufficient information to perform a detailed review. The LTP was resubmitted in February 2000, and has passed an acceptance review. The NRC staff approved an amendment request in 1998 to allow dismantlement under 50.59. The licensee has started dismantlement activities. The reactor vessel with internals, steam generator, and pressurizer have been shipped to Barnwell for disposal. The current decommissioning cost estimate is $52 million in 2000 dollars. The remaining decommissioning activities are estimated to cost $14 million. The Saxton owners have provided parent company guarantees of $20 million. The licensees' funding status for decommissioning will be reviewed with the LTP. In March 2001, NRC approved the merger of GPU, Inc. and First Energy Corp. All spent fuel has been removed from site. There is no current plan to transfer project management from NRR to NMSS.

CURRENT ISSUES

The licensee has delayed the estimated completion date of decommissioning activities from late 2001 until mid 2002. The delay is caused by two reasons. First, it was discovered that contamination had spread behind the concrete shielding than lines parts of the containment vessel. The licensee has decided to remove all of the concrete from the containment to ensure that contamination is addressed. Because of the high water table at the site, the area around the containment will be dewatered to prevent the containment from becoming buoyant as weight is removed. Second, the licensee continues characterization of areas associated with the old Saxton Steam Generating Station, a coal fired power plant located next to the Saxton nuclear facility which was demolished in the 1970s. During operation, the nuclear facility sent steam to the generating station's turbine. Liquid radioactive waste was discharged to the environment through the generating station's discharge tunnel. The licensee has found contamination in the discharge tunnel and in sumps in the basement of the generating station (which was filled in with debris during demolishing). The NRC staff continues to evaluate the LTP.

June 2001

THREE MILE ISLAND - Unit 2

Licensee:	GPU Nuclear
Reactor Type:	792 Mw(e) PWR
Containment Type:	Dry Volumetric Pre-stressed
Vendor:	B&W
Power Level:	Permanently shutdown
CP Issuance Date:	11/4/1969
OL Issuance Date:	2/8/1978
OL Expiration Date:	N/A
Shutdown Date:	03/79

CURRENT DECOMMISSIONING STATUS

The operation accident occurred in March 1979. The plant defueling was completed in April 1990. Post Defueling Monitored Storage was approved in 1993. There is no significant dismantlement underway. The plant shares equipment with the other operating unit. TMI-1 was sold to Amergen in 1999. GPU Nuclear will retain the license for TMI-2 and contract to Amergen for maintenance and surveillance activities. Both units are expected to be decommissioned in 2014. The current radiological decommissioning cost estimate is $469 million. The current amount in the decommissioning trust fund is $366 million accumulated per 10 CFR 50.75 (b)(c). The spent fuel was removed except for approximately 900 kg of fuel debris in the NSSS. The fuel debris removed is currently in storage at INEL. DOE has taken title and possession of the fuel debris. The date of transfer from NRR project management to NMSS project management has not been determined.

CURRENT ISSUES

The recent sale of TMI-1 will not interfere with GPU's mothballed TMI-2. GPU is currently considering the formation of a new "Saxton-TMI-2 Oversight Committee." Four license amendments are under review as of this update. One amendment is revision 4 to the PDMS.

April 2001

TROJAN

Licensee:	Portland General Electric
Reactor Type:	1095 Mw(e) PWR
Containment Type:	Dry Volumetric Pre-stressed
Vendor:	Westinghouse
Power Level:	Permanently shutdown
CP Issuance Date:	2/8/1971
OL Issuance Date:	11/21/1975
OL Expiration Date:	N/A
Shutdown Date:	11/9/92

CURRENT DECOMMISSIONING STATUS

The plant was shutdown in November 1992. The DECON decommissioning plan was approved in April 1996. The plant is currently undergoing dismantlement under 10 CFR 50.59. The steam generators and reactor vessel have been shipped to Hanford LLW site. The decommissioning cost was estimated to be approximately $240 million (1997 dollars). The licensee was granted a site-specific Part 72 license for an onsite ISFSI in March 1999. The licensee submitted a License Termination Plan (LTP) in August of 1999. A public meeting on the LTP was held in St. Helens, Oregon on December 7, 1999. License Amendment 206 was issued in February 2001, approving the LTP.

CURRENT ISSUES

The licensee has switched spent fuel cask vendors and revised their schedule for Trojan decommissioning based on problems with the transport licensing and a coatings issue associated with spent fuel casks. The current estimate is that the additional time for licensing of the casks will not permit loading the spent fuel in the casks for about two years. With cask licensing projected for late 2002, completion of the transfer of the spent nuclear fuel from the spent fuel pool to the ISFSI is not expected until 2003. Following decommissioning of the spent fuel pool, Part 50 license termination is projected for 2005.

June 2001

VALLECITOS

Licensee:	General Electric
Reactor Type:	50 MW(t) BWR
Containment Type:	Steel, cylindrical 48' dia, 100' height, hemispherical ends
Vendor:	GE
Power Level:	Permanently shutdown
CP Issuance Date:	5/14/1956
OL Issuance Date:	5/14/1956
OL Expiration Date:	N/A

CURRENT DECOMMISSIONING STATUS

The plant is currently in SAFSTOR. The facility has a PSDAR. The decommissioning cost was estimated to be $9.849 million. GE has a self-guarantee instrument. The spent fuel has been removed from the site. There are no plans to transfer NRR project management to NMSS project management.

CURRENT ISSUES

There are no current issues.

April 2001

YANKEE ROWE

Licensee:	Yankee Atomic
Reactor Type:	167 Mw(e) PWR
Containment Type:	Steel Sphere - Uninsulated
Vendor:	Westinghouse
Power Level:	Permanently shutdown
CP Issuance Date:	
OL Issuance Date:	12/24/1963
OL Expiration Date:	July 9, 2000
Shutdown Date:	10/01/91

CURRENT DECOMMISSIONING STATUS

The plant was permanently shutdown on October 1, 1991. The DECON decommissioning plan was approved in February 1995 and the plant is undergoing dismantlement under 10 CFR 50.59. The steam generators were shipped to Barnwell. The reactor vessel was shipped on April 27, 1997, to Barnwell by truck and rail, in one piece with no internals, and arrived on May 8, 1997. The licensee has removed all of the primary system, secondary side components and switch yard from the site. As of fall 1999, the plant is about 80% dismantled. The containment and other major structures remain. The spent fuel pool building is the only remaining "vital" area and has the appropriate safety related programs, such as safeguards, in place. The spent fuel pool has been segregated from the remaining decontamination and dismantlement activities by providing it with independent and redundant electrical and cooling systems, and multiple sources of cooling water.

A License Termination Plan was submitted on May 15, 1997. Local citizens' groups had filed petitions for leave to intervene on the License Termination Plan. However, the licensee on May 26, 1999, filed a motion to the Commission and ASLB to withdraw the license termination plan amendment request and for termination of the hearing. Under current regulations, the licensee need not submit a new termination plan until 2052.

CURRENT ISSUES

The licensee has determined that a decommissioning operation contract is not economically feasible, and will continue to manage the project. The licensee has completed construction of an on-site ISFSI under a general license. The fuel handling crane capacity has been increased and the crane made single-failure proof so that combined use storage/shipping casks could be safely handled. The licensee has applied, through a cask contractor, for a Part 71 license for a combined use cask. Dry runs of cask loading and transport are scheduled for later this summer.

June 2001

ZION - Units 1 & 2

Licensee:	Exelon Generation Company, LLC
Reactor Type:	3250 MW(t), 3250 MW(t) PWRs
Containment Type:	Large dry
Vendor:	Westinghouse
Power Level:	Permanently shutdown
CP Issuance Date:	
OL Issuance Date:	10/19/1973, 11/14/1973
OL Expiration Date:	N/A
Shutdown Date:	02/13/98

CURRENT DECOMMISSIONING STATUS

Zion Nuclear Power Station (ZNPS) Units 1 and 2 was permanently shut down on February 13, 1998. The fuel was transferred to the spent fuel pool (SFP), and the licensee submitted the certification of fuel transfer on March 9, 1998. There was a public meeting on June 1, 1998, to inform the public of the shutdown plans. The licensee has converted the turbine-generators into synchronous condensers, and they have isolated the SFP within a fuel building "nuclear island," and placed the plant in SAFSTOR, where it will remain until fuel transfer to DOE in about 2013. Decommissioning costs have been estimated at about $560.4 million. The licensee will continue to collect a per kw-hr fee for decommissioning ZNPS at an annual rate of approximately $9.1 million until 2013. The NRR project management is expected to be transferred to NMSS project management in 2013.

The defueled safety analysis report was submitted in 1998 and, in accordance with 10 CFR 50.75(f)(1), the licensee submitted a report on the status of decommissioning funding on March 31, 1999. The staff approved the defueled emergency plan and issued an exemption from certain emergency preparedness regulations on August 31, 1999. Additionally, the staff issued an exemption from certain portions of 10 CFR Part 73 consistent with the Zion permanently defueled status on October 18, 1999, and an exemption from the insurance coverage and financial protection requirement limits of 10 CFR 50.54(w) and 10 CFR 140.11(a)(4) on December 21, 1999. The permanently defueled Technical Specifications (PDTS) were issued on December 30, 1999, with implementation by January 17, 2000. The licensee submitted the PSDAR, site specific cost estimate, and fuel management plan on February 14, 2000. A public meeting to discuss the PSDAR was held on April 26, 2000.

CURRENT ISSUES

On January 12, 2001, Exelon Generation Company, LLC became the holder of the Zion facility operating licenses formerly held by Commonwealth Edison Company (ComEd) due to the restructuring following the merger between Unicom Corporation and PECO Energy Company.

July 2001