



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

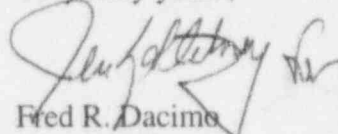
362 INJUNCTION HOLLOW ROAD • EAST HAMPTON, CT 06424-3099

January 15, 1995
Re: Technical Specification 6.9.1.8
Docket No. 50-213

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

In accordance with reporting requirements of Technical Specification 6.9.1.8, the Connecticut Yankee Haddam Neck Plant Monthly Operating Report 94-12 covering operations for the period December 1, 1994 to December 31, 1994 is hereby forwarded.

Very truly yours,


Fred R. Dacimo
Vice President
Haddam Neck Station

JJL/va

- cc: (1) Regional Administrator, Region 1
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406
- (2) William J. Raymond
Sr. Resident Inspector
Connecticut Yankee

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Connecticut Yankee Atomic Power Company

Haddam Neck Plant

Haddam, Connecticut

Monthly Operating Report No. 94-12

For The Month of

December 1994

Plant Operations Summary

The following is the Summary of Plant Operations for December 1994.

On December 1st, at 0000 hours, the plant was operating in Mode 1, Power Operations, at 100% load.

On December 30th, at 1215 hours, a load reduction was started due to a problem with High Pressure Turbine steam extraction non-return valve, MS-NRV-2. At 1515 hours, the turbine was tripped and separated from the grid, the unit entered Mode 2, Start Up. At 2010 hours, main steam was isolated from the turbine hall to begin repairs.

On December 31st, at 1826 hours, repairs were completed on MS-NRV-2. The unit continued with systems alignment for the remainder of the 31st. The reactor was in Mode 2, Start Up, maintained at just critical.

NRC OPERATING STATUS REPORT

Haddam Neck

1. Docket: 50-213
2. Reporting Period: 12/94 Outage + On-line Hours: 32.8 + 711.3 = 744.0
3. Utility Contact: W.M. Herwig (203) 267-3198
4. Licensed Thermal Power (MWt): 1825
5. Nameplate Rating (Gross MWe): $667 \times 0.9 = 600.3$
6. Design Electrical Rating (Net MWe): 582
7. Maximum Dependable Capacity (Gross MWe): 586.9
8. Maximum Dependable Capacity (Net MWe): 560.1
9. If changes occur above since last report, reasons are: NONE
10. Power level to which restricted, if any (Net MWe): N/A
11. Reasons for restriction, if any: N/A

	MONTH	YEAR-TO-DATE	CUMULATIVE
12. Report period hours:	744.0	8,760.0	236,688.0
13. Hours reactor critical:	744.0	6,810.1	187,789.5
14. Reactor reserve shutdown hours:	0.0	0.0	1,285.0
15. Hours generator on-line:	711.3	6,756.1	181,958.9
16. Unit reserve shutdown hours:	0.0	0.0	398.0
17. Gross thermal energy generated (MWtH):	1,295,447.0	12,182,192.0	315,002,460.0 *
18. Gross electrical energy generated (MWeH):	430,318.0	3,990,621.0	103,253,540.0 *
19. Net electrical energy generated (MWeH):	410,469.4	3,795,902.6	98,097,176.7 *
20. Unit service factor:	95.6	77.1	76.9
21. Unit availability factor:	95.6	77.1	77.0
22. Unit capacity factor using MDC net:	98.5	77.4	75.2
23. Unit capacity factor using DER net:	94.8	74.5	71.2
24. Unit forced outage rate:	4.4	22.9	6.3
25. Forced outage hours:	32.8	2,003.9	12,239.1
26. Shutdowns scheduled over next 6 months (type,date, duration): 1/28/95-3/16/95 Refueling			
27. If currently shutdown, estimated startup date: N/A			

* Cumulative values from the first criticality (07/24/67). (The remaining cumulative values are from the first date of commercial operation, 01/01/68).

AVERAGE DAILY UNIT POWER LEVEL

Docket No: 50-213

Unit: Connecticut Yankee
Haddam Neck

Date: January 15, 1995

Completed By: K. Emmons/M. Ryley

Month: December 1994

Telephone: (203) 267-3654

<u>DAY</u>	<u>AVERAGE POWER LEVEL</u> (MWe-Net)	<u>DAY</u>	<u>AVERAGE POWER LEVEL</u> (MWe-Net)
1	<u>579</u>	17	<u>580</u>
2	<u>579</u>	18	<u>581</u>
3	<u>579</u>	19	<u>580</u>
4	<u>579</u>	20	<u>580</u>
5	<u>578</u>	21	<u>579</u>
6	<u>578</u>	22	<u>579</u>
7	<u>578</u>	23	<u>580</u>
8	<u>579</u>	24	<u>579</u>
9	<u>579</u>	25	<u>578</u>
10	<u>580</u>	26	<u>577</u>
11	<u>580</u>	27	<u>578</u>
12	<u>580</u>	28	<u>578</u>
13	<u>580</u>	29	<u>578</u>
14	<u>580</u>	30	<u>528</u>
15	<u>580</u>	31	<u>0</u>
16	<u>580</u>		

UNIT SHUTDOWNS AND POWER REDUCTION

Docket No: 50-213
Unit Name: Connecticut Yankee
Date: January 15, 1995
Completed By: K. Emmons
Telephone: (203) 267-3654

Report Month: December 1994

No.	Date	Type	Duration (Hours)	Reason	Method of Shutting down Reactor	LER Report #	System Code	Component Code	Cause and Corrective Action to Prevent Recurrence
94-07	12/30/94	F	32.75	A	1	n/a	SB	V	Leaking gasket in MS-NRV-2 Replaced gasket and returned valve to service

<u>TYPE</u>	<u>REASON</u>	<u>METHOD</u>	<u>SYSTEM</u>	<u>COMPONENT</u>
F Forced	A Equipment Failure	1 Manual	IEEE Standard	IEEE Standard
S Scheduled	B Maintenance or Test	2 Manual Scram	805-1984 and/or	803A-1983 and/or
	C Refueling	3 Automatic Scram	NUREG-0161 Exhibit F	NUREG-0161 Exhibit H
	D Regulatory Restriction	4 Continued		
	E Operator Training	5 Reduced Load		
	F Administrative	9 Other		
	G Operator Error			
	H Other (Explain)			

Refueling Information Request

1. Name of facility
Haddam Neck
2. Scheduled date for next refueling shutdown.
January 28, 1995
3. Scheduled date for restart following refueling.
March 16, 1995
4. (a) Will refueling or resumption of operation thereafter require a technical specification change or other license amendment?
Yes
- (b) If answer is yes, what, in general, will these be?
 - changes to linear heat generation rate uncertainties
 - necessary changes to the Design Features, Section 5 to support new fuel design
 - changes to support storage of new and spent fuel with higher enrichments
- (c) If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload?
n/a
- (d) If no such review has taken place, when is it scheduled?
n/a
5. Scheduled date(s) for submitting proposed licensing action and supporting information.
May 1994
6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.
Change in fuel vendor from B&W Fuel Co. to Westinghouse Electric Corp., and change in fuel assembly design.
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool.
(a) 157 (b) 809
8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.
1168
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.
1998