



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

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

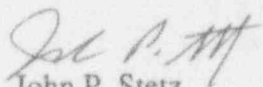
April 15, 1994
Re: Technical Specification 6.9.1.8
Docket No. 50-213

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

Dear Sir:

In accordance with reporting requirements of Technical Specification 6.9.1.8, the Connecticut Yankee Haddam Neck Plant Monthly Operating Report 94-03 covering operations for the period March 1, 1994 to March 31, 1994 is hereby forwarded.

Very truly yours,


John P. Stetz
Vice President
Haddam Neck Station

JPS/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

Handwritten initials/signature

Connecticut Yankee Atomic Power Company

Haddam Neck Plant

Haddam, Connecticut

Monthly Operating Report No. 94-03

For The Month of

March 1994

Plant Operations Summary - March 1994

The following is a Summary of Plant Operations for March 1994.

On March 1st, at 0000 hours, the plant was in Mode 5, Cold Shutdown at 0% load.

On March 25th at 2258 hours, the plant entered Mode 4, Hot Shutdown.

On March 26th at 1655 hours, the plant entered Mode 3, Hot Standby.

On March 28th at 1003 hours, the plant commenced a critical approach and entered Mode 2, Start Up. At 2122 hours, the generator was phased to the grid and the plant entered Mode 1, Power Operation. At 2227 hours, an automatic trip occurred while transferring the reactor coolant pumps to the 1-1A and 1-1B buses. The plant was placed in Mode 3, Hot Standby.

On March 29th at 1037 hours, the problem with reactor coolant pumps was resolved and the plant commenced a critical approach and entered Mode 2, Start Up. At 1818 hours, the generator was phased to the grid and the plant entered Mode 1, Power Operation. At 1852 hours, the plant was at 10% load for a chemistry hold. At 2015 hours, the plant commenced a load increase.

On March 30th at 0444 hours, the plant was at 30% load for a chemistry hold. At 0916 hours, chemistry was within specifications and power ascension resumed. At 1413 hours, the plant was at 70% load and holding for the control rod alignment function. At 1624 hours, the plant commenced power ascension.

On March 31st at 0048 hours, the plant was at 100% rated power.

The plant continued to operate at 100% for the remainder of the month.

NRC OPERATING STATUS REPORT

Haddam Neck

1. Docket: 50-213
2. Reporting Period: 03/94 Outage + On-line Hours: 689.2 + 54.8 = 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	2,160.0	230,088.0
13. Hours reactor critical:	69.4	1,092.7	183,045.0
14. Reactor reserve shutdown hours:	0.0	0.0	1,285.0
15. Hours generator on-line:	54.8	1,076.6	176,279.4
16. Unit reserve shutdown hours:	0.0	0.0	398.0
17. Gross thermal energy generated (MWh):	70,558.0	1,923,980.0	304,744,248.0 *
18. Gross electrical energy generated (MWeH):	22,881.0	645,207.0	99,908,126.0 *
19. Net electrical energy generated (MWeH):	17,403.3	609,889.8	94,911,163.8 *
20. Unit service factor:	7.4	49.8	76.6
21. Unit availability factor:	7.4	49.8	76.8
22. Unit capacity factor using MDC net:	4.2	50.4	74.8
23. Unit capacity factor using DER net:	4.0	48.5	70.9
24. Unit forced outage rate:	92.6	47.3	6.0
25. Forced outage hours:	689.2	967.0	11,202.2
26. Shutdowns scheduled over next 6 months (type,date, duration):	NONE		
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: April 15, 1994

Completed By: K. Emmons/M. Bigalbal

Month: March 1994

Telephone: (203) 267-3654

DAY AVERAGE POWER LEVEL
(MWe-Net)

DAY AVERAGE POWER LEVEL
(MWe-Net)

1 0
2 0
3 0
4 0
5 0
6 0
7 0
8 0
9 0
10 0
11 0
12 0
13 0
14 0
15 0
16 0

17 0
18 0
19 0
20 0
21 0
22 0
23 0
24 0
25 0
26 0
27 0
28 0
29 0
30 300
31 581

UNIT SHUTDOWNS AND POWER REDUCTION

Docket No: 50-213

Unit Name: Connecticut Yankee

Date: April 15, 1994

Completed By: Kathy Emmons

Telephone: (203) 267-3654

Report Month: March 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
94-02	3/01/94	F	669.37	A	1	94-002	BI	N/A	Pin hole leak on service water system (SWS) supply piping (Continued from previous month)
94-03	3/28/94	F	19.85	A/F	3	94-009	JC	BKR	While shifting reactor coolant pump busses, power went above 109. Procedure revision and repair/reinstallation of reactor coolant pump bus breaker should prevent recurrence

<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 14, 1995
3. Scheduled date for restart following refueling.
March 6, 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.

April 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