



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

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

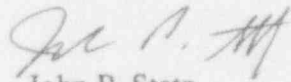
February 15, 1994
Re: Technical Specification 6.9.1.8
Docket No. 50-213

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 94-01 covering operations for the period January 1, 1994 to January 31, 1994 is hereby forwarded.

Very truly yours,


John P. Stetz
Vice President
Haddam Neck Station

JPS/va

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

JEZ 1/1

Connecticut Yankee Atomic Power Company

Haddam Neck Plant

Haddam, Connecticut

Monthly Operating Report No. 94-01

For The Month of

January 1994

AVERAGE DAILY UNIT POWER LEVEL

Docket No: 50-213

Unit: Connecticut Yankee
Haddam Neck

Date: February 15, 1994

Completed By: K. Emmons/M. Bigalbal

Month: January 1994

Telephone: (203) 267-3654

DAY AVERAGE POWER LEVEL
(MWe-Net)

DAY AVERAGE POWER LEVEL
(MWe-Net)

1 585
2 585
3 585
4 585
5 584
6 584
7 584
8 585
9 585
10 584
11 585
12 585
13 509
14 585
15 585
16 585

17 585
18 585
19 585
20 575
21 584
22 586
23 586
24 586
25 585
26 585
27 584
28 585
29 585
30 585
31 584

NRC OPERATING STATUS REPORT

Haddam Neck

1. Docket: 50-213
2. Reporting Period: 01/94 Outage + On-line Hours: 0.0 + 744.0 = 744.0
3. Utility Contact: R. E. Borg (203) 267-3649
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	744.0	228,672.0
13. Hours reactor critical:	744.0	744.0	182,696.3
14. Reactor reserve shutdown hours:	0.0	0.0	1,285.0
15. Hours generator on-line:	744.0	744.0	175,946.9
16. Unit reserve shutdown hours:	0.0	0.0	398.0
17. Gross thermal energy generated (MWtH):	1,350,351.0	1,350,351.0	304,170,619.0 *
18. Gross electrical energy generated (MWeH):	453,436.0	453,436.0	99,716,355.0 *
19. Net electrical energy generated (MWeH):	433,060.6	433,060.6	94,734,334.6 *
20. Unit service factor:	100.0	100.0	76.9
21. Unit availability factor:	100.0	100.0	77.1
22. Unit capacity factor using MDC net:	103.9	103.9	75.2
23. Unit capacity factor using DER net:	100.0	100.0	71.2
24. Unit forced outage rate:	0.0	0.0	5.5
25. Forced outage hours:	0.0	0.0	10,235.2

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).

UNIT SHUTDOWNS AND POWER REDUCTION

Docket No: 50-213

Unit Name: Connecticut Yankee

Date: February 15, 1994

Completed By: Kathy Emmons

Telephone: (203) 267-3654

Report Month: January 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
<p>There were no reportable shutdowns or power reductions for January.</p>									

<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.
November 12, 1994
3. Scheduled date for restart following refueling.
January 5, 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