CONNECTICUT YANKEE ATOMIC POWER COMPANY

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

March 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 94-02 covering operations for the period February 1, 1994 to February 28, 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

IE24

Connecticut Yankee Atomic Power Company

Haddam Neck Plant

Haddam, Connecticut

Monthly Operating Report No. 94-02

For The Month of

February 1994

Plant Operations Summary - February 1994

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

On February 1st, at 0000 hours, the plant was in Mode 1, Power Operation at 100% load.

On February 12th at 0950 hours, both Service Water System Headers were declared inoperable requiring a shut down to Cold Shutdown. At 1346 hours, the generator was separated from the grid and the plant entered Mode 2, Startup. At 1521 hours the plant entered Mode 3, Hot Standby. At 2112 hours, the plant entered into Mode 4, Hot Shutdown.

On February 13th at 1810 hours, the plant entered Mode 5, Cold Shutdown and repairs commenced on the Service Water System.

The plant remained in Mode 5 for the remainder of the month of February.

AVERAGE DAILY UNIT POWER LEVEL

Docket No: 50-213

Unit: Connecticut Yankee
Haddam Neck

Date: March 15, 1994

Completed By: K. Emmons/M. Bigalbal

Month: February 1994

Telephone: (203) 267-3654

DAY	AVERAGE POWER LEVEL (MWe-Net)	DAY	AVERAGE POWER LEVEL (MWe-Net)
1	584	17	0
2	586	18	0
3	586	19	0
4	585	20	0
5	585	21	0
6	585	22	0
7	585	23	0
8	585	24	0
9	585	25	0
10	585	26	0
11	584	27	0
12	282	28	0
13	0		
14	0		
15	0		
16	0		

NRC OPERATING STATUS REPORT

Haddam Neck

1. Docket: 50-213
2. Reporting Period: 02/94 Outage + On-line Hours: 394.2 + 277.8 = 672.0
3. Utility Contact: W.M. Herwig (203) 267-3198
4. Licensed Thermal Power (MWt): 1825
5. Nameplate Rating (Gross MWe): 667 x 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:	672.0	1,416.0	229,344.0
13. Hours reactor critical:	279.4	1,023.4	182,975.7
14. Reactor reserve shutdown hours:	0.0	0.0	1,285.0
15. Hours generator on-line:	277.8	1,021.8	176,224.6
16. Unit reserve shutdown hours:	0.0	0.0	398.0
17. Gross thermal energy generated (MWtH):	503,071.0	1,853,422.0	304,673,690.0 *
18. Gross electrical energy generated (MWeH):	168,890.0	622,326.0	99,885,245.0 *
19. Net electrical energy generated (MWeH):	159,425.9	592,486.5	94,893,760.5 *
20. Unit service factor:	41.3	72.2	76.8
21. Unit availability factor:	41.3	72.2	77.0
22. Unit capacity factor using MDC net:	42.4	74.7	75.1
23. Unit capacity factor using DER net:	40.8	71.9	71.1
24. Unit forced outage rate:	50.0	21.4	5.6
25. Forced outage hours:	277.8	277.8	10,513.0

26. Shutdowns scheduled over next 6 months (type,date, duration): NONE

27. If currently shutdown, estimated startup date: 4/4/94

* 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: March 15, 1994
Completed By: Kathy Emmons
Telephone: (203) 267-3654

Report Month: February 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	2/12/94	F	394.2	A	1	94-002	BI	N/A	Pin hole leak on service water system (SWS) supply piping due to microbiologically influenced corrosion (MIC). Replace affected sections of SWS piping.

TYPE
F Forced
S Scheduled

REASON
A Equipment Failure
B Maintenance or Test
C Refueling
D Regulatory Restriction
E Operator Training
F Administrative
G Operator Error
H Other (Explain)

METHOD
1 Manual
2 Manual Scram
3 Automatic Scram
4 Continued
5 Reduced Load
9 Other

SYSTEM
IEEE Standard
805-1984 and/or
NUREG-0161 Exhibit F

COMPONENT
IEEE Standard
803A-1983 and/or
NUREG-0161 Exhibit H

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