



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

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

November 15, 1996

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 96-10 covering operations for the period October 1, 1996 to October 31, 1996 is hereby forwarded.

Very truly yours,

Jere J. LaPlatney  
Nuclear, Unit Director  
Haddam Neck Station

JJL/bom

- 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

9611200010 961031  
PDR ADOCK 05000213  
R PDR

FE241

Connecticut Yankee Atomic Power Company

Haddam Neck Plant

Haddam, Connecticut

Monthly Operating Report No. 96-10

For The Month of

October 1996

### **Plant Operating Summary**

The following is the Summary of Plant Operations for October, 1996:

On October 1, 1996, at 0000 hours, the plant was in Mode 5, Cold Shutdown, starting day 46 of the Refueling and Maintenance Outage 19.

On October 31, 1996 at 2100 hours, the plant entered Mode 6 Refueling..

# NRC OPERATING STATUS REPORT

Haddam Neck

1. Docket: 50-213
2. Reporting Period: 10/96      Outage + On-line Hours: 745.0 + 0.0 = 745.0
3. Utility Contact: K.W. Emmons (203) 267-3654
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:	745.0	7,320.0	252,768.0
13. Hours reactor critical:	0.0	4,895.3	199,493.6
14. Reactor reserve shutdown hours:	0.0	0.0	1,285.0
15. Hours generator on-line:	0.0	4,893.5	193,539.4
16. Unit reserve shutdown hours:	0.0	0.0	398.0
17. Gross thermal energy generated (MWtH):	0.0	8,754,617.0	335,551,124.0 *
18. Gross electrical energy generated (MWeH):	0.0	2,906,956.0	110,009,804.0 *
19. Net electrical energy generated (MWeH):	-2,115.9	2,766,606.7	104,518,068.3 *
20. Unit service factor:	0.0	66.9	76.6
21. Unit availability factor:	0.0	66.9	76.7
22. Unit capacity factor using MDC net:	0.0	67.5	74.9
23. Unit capacity factor using DER net:	0.0	64.9	71.1
24. Unit forced outage rate:	0.0	16.4	6.4
25. Forced outage hours:	0.0	961.5	13,330.0
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 POWER LEVEL

Docket No: 50-213

Unit: Haddam Neck

Date: 11/1/96

Completed by: K.W. Emmons

Telephone: (203) 267-3654

Month: Oct-96

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

DAY	AVERAGE POWER LEVEL (MWe-Net)
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	0
31	0

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-213  
 UNIT NAME Haddam Neck  
 DATE 11/01/96  
 COMPLETED BY K.W. Emmons  
 TELEPHONE (860) 267-3654

REPORT MONTH: October, 1996

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	License Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
96-05	10/01/96	S	745	C	4	N/A	AC	RCT	Core XIX-XX Refueling and Maintenance Outage

<sup>1</sup>F: Forced  
S: Scheduled

<sup>2</sup>Reason  
 A - Equipment Failure (Explain)  
 B - Maintenance or Test  
 C - Refueling  
 D - Regulatory Restriction  
 E - Operator Training & License Examination  
 F - Administrative  
 G - Operational Error (Explain)  
 H - Other (Explain)

<sup>3</sup>Method  
 1 - Manual  
 2 - Manual Scram  
 3 - Automatic Scram  
 4 - Continued from Previous Month  
 5 - Power Reduction (Duration = 0)  
 6 - Other (Explain)

<sup>4</sup>IEEE Standard 805-1984,  
 "Recommended Practices  
 for System Identification in  
 Nuclear Power Plants and  
 Related Facilities"

<sup>5</sup>IEEE Standard 803A-1983,  
 "Recommended Practices  
 for Unique identification in  
 Power Plants and Related  
 Facilities - Component  
 Function Identifiers"

## REFUELING INFORMATION REQUEST

October 1996

1. Name of the facility: Haddam Neck
2. Scheduled date for next refueling outage: No scheduled date
3. Scheduled date for restart following refueling: No scheduled date
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?  
Amendments to support specific design changes  
  
(c) If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine if 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 licensing action and supporting information:  
Per schedule established with project manager
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:  
None
7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool:  
In Core: (a) 157 In Spent Fuel Pool: (b) 362
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:  
Present storage capacity: 1480
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming present license capacity:  
2007