

U. S. NUCLEAR REGULATORY COMMISSION

Region I

Report No. 50-213/82-15

Docket No. 50-213

License No. DPR-61 Priority -- Category C

Licensee: Connecticut Yankee Atomic Power Company

P. O. Box 270

Hartford, Connecticut 06101

Facility Name: Haddam Neck Plant

Inspection At: Haddam, Connecticut

Inspection Conducted: July 15 - August 22, 1982

Inspectors:

L. Briggs  
L. Briggs, Project Inspector

9/7/82  
date signed

F. Shedlosky  
F. Shedlosky, Senior Resident Inspector  
(Millstone)

9/8/82  
date signed

D. Lipinski  
D. Lipinski, Resident Inspector (Millstone)

9/8/82  
date signed

Approved By:

T. C. Elsasser  
T. C. Elsasser, Chief, Reactor Projects  
Section 1B, Division of Project and  
Resident Programs

9/8/82  
date signed

Inspection Summary:

Inspection on July 15 - August 22, 1982 (Report No. 50-213/82-15)

Areas Inspected: Routine inspections by region-based and resident inspectors (Millstone) of plant operations including tours of the facility, log and record review, and surveillance. The inspection involved 39 hours.

Results: No violations were identified.

## DETAILS

### 1. Persons Contacted

The below listed technical and supervisory personnel were among those contacted:

- \*G. J. Closius, QA Supervisor
- \*J. DeLawrence, Senior Engineer
- \*J. H. Ferguson, Unit Supervisor
- \*R. L. Gracie, Operations Assistant
- R. H. Graves, Station Superintendent
- G. R. Hallberg, Security Supervisor
- \*R. Mulligan, Senior Training Instructor
- \*D. J. Ray, Engineering Supervisor
- \*R. Rogozinski, Fire Protection Engineer
- \*R. Z. Test, Station Services Superintendent

\*present during August 13, 1982 exit meeting.

Other licensee staff and operating personnel were also interviewed during the course of the inspection.

### 2. Review of Plant Operation - Plant Inspections

- a. During the course of the inspection, the inspector conducted multiple tours of the following plant areas:

- Control Room
- Primary Auxiliary Building
- Vital Switchgear Room
- Diesel Generator Rooms
- Turbine Building
- Intake Building
- Control Point
- Security Building
- Yard Areas

- b. The following observations/determinations were made:

- Radiation protection controls. The inspector reviewed or observed the following: Radiation Work Permits (RWP) in use, personnel compliance with RWP's, routine radiation area

surveys, posting of radiation and high radiation areas and use of protective clothing and personal monitoring devices. No unsatisfactory conditions were identified.

- Monitoring instrumentation. Control room instruments were observed for proper operation, correlation between channels and that the displayed parameters were within technical specification limits. No unsatisfactory conditions were identified.
- Equipment lineups. The inspector verified that selected valves and breakers were in a position or condition required by the Technical Specifications.
- Control room annunciators. Lighted annunciators were discussed with control room operators to verify that the reasons for them were understood and corrective action, if required, was being taken. On average, only one or two annunciators were lighted on each control room visit.
- Plant housekeeping controls. Plant housekeeping controls were observed including control and storage of flammable material, control of potential safety hazards, and licensee action to control the spread of surface and airborne contamination. No unsatisfactory conditions were identified.
- Fluid leaks, piping vibrations. All areas toured were examined for evidence of fluid leaks and piping vibrations. None were found.
- Fire protection/prevention. The inspector examined the condition of selected pieces of fire fighting equipment. No unsatisfactory conditions were identified. Combustible materials were being controlled and were not found near vital areas. Selected cable penetrations were examined and fire barriers were found intact. Cable trays were clear of debris.
- Control room manning. The inspector verified that control room manning requirements of the technical specifications were being met.
- Security. During the inspection, observations were made of plant security including adequacy of physical barriers, access control, vehicle control, and searches. No unacceptable conditions were identified.

### 3. Review of Periodic and Special Reports

Upon receipt, periodic and special reports submitted by the licensee pursuant to Technical Specification 6.9.1 were reviewed by the inspector. This review included the following considerations: the report includes the information required to be reported by NRC requirements; planned

corrective action is adequate for resolution of identified problems; determination whether any information in the report should be classified as an abnormal occurrence; and the validity of reported information. Within the scope of the above, the following periodic report was reviewed by the inspector:

-- Monthly Operating Report 82-7 for the month of July 1982.

4. Shift Logs and Operating Records

a. The inspector reviewed selected operating logs and records against the requirements of the following procedures:

- ADM 1.1-5, Control Room Operating Log;
- QA 1.2-14.1, Bypass and Jumper Control;
- NOP 2.2-2, Steady State Operation and Surveillance;
- ADM 1.1-44, Shift Relief and Turnover;
- QA 1.2-2.4, Housekeeping Requirements;
- QA 1.2-16.1, Plant Information Reports; and
- QA 1.2-14.2, Equipment Control.

b. Shift logs and operating records were reviewed to verify that:

- Control Room log sheet entries are filled out and initialed;
- Auxiliary log sheets are filled out and initialed;
- Control Room Log entries involving abnormal conditions provide sufficient detail to communicate equipment status, lockout status correction and restoration;
- Operating Orders do not conflict with Technical Specifications;
- Plant Information Reports confirm there are no violations of Technical Specification requirements; and
- Logs and records are maintained in accordance with Technical Specifications and the procedures noted above.

- c. The following operating logs and records were reviewed:
- NOP 2.2-2, Log sheets which consist of Control Room, Part 1 and 2, Primary Side Surveillance Form, Secondary Side Surveillance Form, and Radiation Monitoring System Daily Log (July 15 - August 20).
  - Shift Turnover Sheets (July 15 - August 20).
  - Jumper Log. All active entries were reviewed.
  - Tag Log. All active entries were reviewed.
  - Control Room Operating Log (July 15 - August 20).
- d. No unacceptable conditions were identified.

5. Surveillance Activities

The inspector observed Technical Specification required surveillance testing and verified that: testing was performed using an approved procedure; the procedure was sufficiently detailed to assure performance of a satisfactory surveillance; test instrumentation was calibrated and in use; Technical Specification requirements were satisfied prior to the removal of the system from service; the test was performed by qualified personnel; and test results satisfied Technical Specification and test procedure requirements or identified deficiencies were reviewed and resolved by appropriate management personnel. The inspector witnessed performance of:

- SUR 5.7-19, "Inservice Inspection Pump Surveillance," dated April 8, 1982.

No unsatisfactory conditions were identified.

6. Exit Interview

At periodic intervals during the course of the inspection, meetings were held with senior licensee management personnel to discuss inspection scope and findings.