

U. S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-213/83-04

Docket No. 50-213 License No. DPR-61

Licensee: Connecticut Yankee Atomic Power Company
P. O. Box 270
Hartford, Connecticut 06101

Facility Name: Haddam Neck Nuclear Power Station

Inspection At: Haddam Neck, Connecticut

Inspection Conducted: January 31 - February 4, 1983

Date of Last Physical Security Inspection: September 29 - October 1, 1982

Type of Inspection: Routine Unannounced Physical Security

Inspectors: Jack M. Dunlap 2/22/83
Jack M. Dunlap, Physical Security Inspector date

William J. Madden 2/23/83
William J. Madden, Physical Security Inspector date

Approved by: Anthony T. Gody 2/25/83
Anthony T. Gody, Chief, Safeguards and Fuel
Facilities Section, Nuclear Materials and
Safeguards Branch date

Inspection Summary: Routine Unannounced Physical Security Inspection on
January 31-February 4, 1983 (Report No. 50-213/83-04)

Areas Inspected: Included a review of the Physical Barriers (Protected and Vital Areas); Security System Power Supply; Lighting; Assessment Aids; Access Control (Personnel, Packages, and Vehicles); Detection Aids (Protected and Vital Areas); Alarm Stations; Training and Qualification Plan; and the Contingency Plan. The inspection involved 60 inspector hours onsite by two NRC region-based inspectors. The inspection was initiated during nonregular duty hours and a total of 5 inspector hours were accomplished during off shift periods.

Results: The licensee was found to be in compliance with NRC regulatory requirements in the areas examined.

DETAILS

1. Key Persons Contacted

- *Mr. R. H. Graves, Station Superintendent
- *Mr. R. Z. Test, Station Services Superintendent
- *Mr. T. G. Murray, Staff Engineer
- *Mr. N. S. Tasker, Director, System Security, NUSCO
- *Mr. M. J. Griffin, System Security, NUSCO
- *Mr. G. R. Hallberg, Security Supervisor
- *Mr. P. A. Marchese, Security Coordinator
- *Mr. W. J. Laurinaitis, Chief of Security, Burns International Security
- *Mr. T. A. Rebelowski, Senior Resident Inspector, USNRC

*denotes those present at the exit interview.

The inspectors also interviewed other licensee personnel and members of the Burns contract guard force.

2. 30703 - Exit Interview

The inspectors met with licensee representatives at the conclusion of the inspection on February 4, 1983. At that time, the purpose and scope of the inspection were reviewed and the findings presented.

3. 81152 - Physical Barriers (Protected Area)

No violations were noted. The licensee maintained the physical barriers surrounding the protected area in accordance with the physical security plan. The barriers were adequate and appropriate for the intended function.

4. 81154 - Physical Barriers (Vital Areas)

No violations were noted. The licensee maintained the vital area physical barriers in accordance with the Physical Security Plan. The barriers observed were adequate and appropriate for the intended function.

5. 81158 - Security System Power Supply

No violations were noted. The licensee maintained an adequate power supply system to provide emergency power to physical security equipment in accordance with security plan commitments. The power supply system was maintained and tested at the required intervals.

6. 81162 - Lighting

No violations were noted. The licensee's lighting of the isolation zones and protected area met the minimum illumination requirement contained in

the security plan and was appropriate for its intended function. The lighting was sufficient to monitor and observe persons and activities within the protected area and isolation zones via closed circuit television or direct visual surveillance.

7. 81166 - Assessment Aids

No violations were noted. The assessment aids utilized by the licensee conformed to security plan requirements and were adequate and appropriate for their intended function.

8. 81170 - Access Control (Personnel)

No violations were noted. The licensee controlled personnel access to the protected area and vital areas in accordance with security plan requirements. Search equipment was adequate and appropriate for detection of firearms, explosives, and incendiary devices.

9. 81172 - Access Controls (Packages)

No violations were noted. The licensee controlled the entry of packages and material to the protected area in conformance with the physical security plan. The search equipment used was adequate and appropriate for the intended function.

10. 81174 - Access Control (Vehicles)

No violations were noted. The licensee controlled access of vehicles to the protected area and vital areas in conformance with the Physical Security Plan. Vehicles entering the protected area were properly searched and escorted.

11. 81178 - Detection Aids (Protected Area)

No violations were noted. The security intrusion alarm system was effective in detecting penetration tests of the protected area and isolation zones, as required by the Security Plan.

12. 81180 - Detection Aids (Vital Areas)

No violations were noted. The licensee's intrusion detection system was effective in detecting penetration tests of vital areas, in accordance with Security Plan requirements.

13. 81184 - Alarm Stations

No violations were noted. The onsite central and secondary alarm stations (CAS/SAS) established by the licensee were maintained in conformance with Security Plan requirements.

14. 81188 - Communications

No violations were noted. The internal and external communication links established by the licensee conformed to Security Plan requirements and were adequate and appropriate for their intended functions.

15. 81501 - Training and Qualification Plan

No violations were noted. The licensee's Training and Qualification Plan originally approved by USNRC on February 6, 1982, with Revision 1 dated October 14, 1982, approved by USNRC on January 27, 1983, was adequate and appropriate to meet the general performance requirements and objectives for personnel selection, training and qualification features and standards, and administrative controls.

16. 81601 - Safeguards Contingency Plan

No violations were noted. The licensee's proposed Safeguards Contingency Plan (SCP), (Revision 3), dated November 1982, was submitted to the NRC for final approval in December 1982. The inspectors reviewed the SCP and implementing procedures and found them adequate. The review result was provided the NMSS Physical Security Licensing Branch Reviewer on February 9, 1983.