

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-309/85-24

Docket No. 50-309

License No. DPR-36

Licensee: Maine Yankee Atomic Power Company
83 Edison Drive
Augusta, Maine 04336

Facility Name: Maine Yankee Atomic Power Station

Inspection At: Wiscasset, Maine

Inspection Conducted: September 3 - 6, 1985

Date of Last Physical Security Inspection: April 28 - May 2, 1985

Inspector: *R. J. Bailey*
R. J. Bailey, Physical Security Inspector

11-8-85
date

Approved by: *R. R. Keimig*
R. R. Keimig, Chief, Safeguards Section,
DRS&S

11-8-85
date

Inspection Summary: Routine, Unannounced Physical Security Inspection on
September 3-6, 1985 (Inspection Report No. 50-309/85-24)

Areas Inspected: Security Plan and Implementing Procedures; Security Organization; Records and Reports; Physical Barriers (Protected and Vital Areas); Access Control (Personnel); Lighting; Security Contingency Plan; follow-up on previously identified inspector concerns and follow-up on Security Event Reports. The inspection involved a total of 28 hours onsite by one region-based inspector. One hour was spent during off-shift periods.

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

DETAILS1. Key Persons Contacted

J. Garrity - Plant Manager
B. Marshal - Director of Security
H. Tolberg - Site Security Supervisor
R. Crosby - Quality Assurance
C. Holden - Senior Resident Inspector, NRC

The inspector also interviewed other licensee employees and members of the Hall contract security organization.

2. MC 30703 - Exit Interview

The inspector met with licensee representatives listed in paragraph 1 at the conclusion of the inspection on September 6, 1985, to review the purpose and scope of the inspection and to present the inspection findings.

At no time during this inspection was written material provided to the licensee by the inspector.

3. MC 92700 - Followup on Security Program Event Reports

The inspector conducted an in-office and onsite review of Security Event Report Numbers 84-01, 84-02 and 85-01 that had been submitted by the licensee to NRC in accordance with 10 CFR 73.71. The inspector verified that adequate corrective actions had been taken to prevent recurrence of similar incidents. The licensee had provided adequate security force response and compensatory measures in accordance with the security and contingency plans. Documentation of the events was adequate and no generic problems were identified.

4. MC 92701 - Followup on Inspector - Identified Problems

(Closed) Inspector Followup Item (IFI) 50-309/85-11-02: The inspector observed that the licensee had revised each qualification and requalification test, test answer keys and had revised, where necessary, lesson plans to conform to existing security procedures. The inspector found that these measures were adequate to ensure the validity of the training and requalification program.

5. MC 81018 - Security Plan and Implementing Procedures

The inspector reviewed portions of the licensee's security program implementation and found that they conformed to the security plan and procedures. Plant safety was not observed to be adversely affected by security programs, procedures, or equipment.

6. MC 81022 - Security Organization

The licensee's security organization was found by the inspector to be in conformance with the approved physical security plan and no personnel changes had occurred. The inspector confirmed that the licensee was maintaining a management system to provide for the revision, implementation and enforcement of physical protection procedures.

7. MC 81038 - Records and Reports

The inspector randomly sampled logs and records for accuracy, completeness, unusual conditions, significant events and trends, required entries, and proper reporting. The following logs and records for the period of May 2 to September 5, 1985 were sampled: Vital Area Access Logs, Training Records, Personnel Access Control Records, Weekly Functional Test of Security System Records, Tamper Alarm Security Check Records, Security Padlock Inventory Records, Perimeter Fence Discrepancy Checklist and Patrol Inspection Report. All elements sampled were satisfactory.

8. MC 81052 - Physical Barriers - Protected Area

The inspector verified that the licensee was maintaining the physical barriers surrounding the protected area in conformance with the security plan. The inspector observed that a portion of the protected area barrier had been temporarily altered to allow for the use of special purpose machinery and equipment. The inspector confirmed that appropriate compensatory measures had been established and were being implemented.

9. MC 81054 - Physical Barriers - Vital Area

The inspector verified that the licensee was maintaining the physical barriers surrounding the vital areas in conformance with the security plan. The inspector observed that the licensee was in a major maintenance outage and that appropriate access control measures had been established and were being maintained at the entrance to reactor containment.

10. MC 81062 - Lighting

The inspector determined, by observation during hours of darkness, that the lighting in the isolation zones and protected area met the minimum illumination requirement contained in the security plan. The lighting was sufficient for security force members to monitor and observe persons and activities by direct visual surveillance.

11. MC 81070 - Access Control - Personnel

The inspector observed that personnel access to the protected and vital areas was controlled by the licensee in accordance with the security plan. Search equipment was determined to be operational and tested, as required.

12. MC 81601 - Security Contingency Plan (SCP)

The inspector determined that the security force was not conducting drills on all of the security contingency events identified in the SCP. At the request of the inspector, the licensee designed a drill to test the pre-planned responses required of security force members. The threat scenario consisted of a bomb threat, attempted sabotage and the loss of several onsite communications capabilities.

The inspector and the licensee's Corporate Security Director observed the drill. While the drill was completed successfully, the inspector and the Security Director identified several potential weaknesses. Although personnel demonstrated they could take the appropriate emergency actions, the Security Director determined that additional training should be given to correct the potential weaknesses. He stated that a special training program would be initiated to drill, on a continuing basis, each of the security events identified in the SCP. Documentation of these drills and their critiques will be filed and will be available onsite for NRC review. Inspector Followup Item (IFI) 50-309/85-24-01.