

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-245/85-13
50-336/85-16

Docket No. 50-245
50-336

License No. DPR-21
DPR-65

Licensee: Northeast Nuclear Energy Company
P.O. Box 270
Hartford, Connecticut 06101

Facility Name: Millstone Nuclear Power Station, Units 1 and 2

Inspection At: Waterford, Connecticut

Inspection Conducted: April 8-11, 1985

Inspectors: W. J. Madden
W. J. Madden, Physical Security Inspector

7-31-85
date

J. M. Dunlap
J. M. Dunlap, Physical Security Inspector

8-20-85
date

Approved by: R. R. Keimig
R. R. Keimig, Chief, Safeguards Section
Nuclear Materials and Safeguards Branch

8-20-85
date

Inspection Summary: Routine Unannounced Physical Protection Inspection on
April 8-11, 1985 (Combined Report Nos. 50-245/85-13 and 50-336/85-16)

Areas Inspected: Security Organization; Security Program Audit; Records and Reports; Testing and Maintenance; Locks, Keys, and Combinations; Physical Barriers (Protected/Vital Areas); Security System Power Supply; Compensatory Measures; Assessment Aids; Access Control (Personnel/Packages/Vehicles); Detection Aids (Protected/Vital Areas); Alarm Stations; and Communications. The inspection involved 50 hours onsite by two NRC region-based inspectors and was conducted during regular hours.

Results: The licensee was in compliance in all areas examined. Two inspector followup items (IFI) were opened. A previously identified violation and an unresolved item were closed.

8508290182 850823
PDR ADOCK 05000245
G PDR

Details

1. Persons Contacted

E. Mroczka, Station Superintendent (NNECo)
R. Herbert, Station Service Superintendent (NNECo)
W. Romberg, Unit 1 Superintendent (NNECo)
N. Tasker, Director, System Security, (NUSCO)
M. Griffin, Security Agent (NUSCO)
P. Weekley, Security Supervisor (NNECo)
L. Brown, Security Coordinator (NNECo)
A. Maione, Division Human Resources Manager, Burns Security
J. Mayoros, District Manager, Burns Security
J. Shedlosky, Senior Resident Inspector, USNRC

All of the above were present at the exit interview.

The inspectors also interviewed other licensee and contract security service personnel.

2. 30703 - Exit Interview

The inspector met with licensee representatives at the conclusion of the inspection on April 11, 1985. At that time, the purpose and scope of the inspection were reviewed and the findings presented. At no time during this inspection was written material provided to the licensee by the inspectors.

3. 92701 - Followup on Unresolved Item

**THIS PARAGRAPH CONTAINS SAFEGUARDS
INFORMATION AND IS NOT FOR PUBLIC
DISCLOSURE, IT IS INTENTIONALLY
LEFT BLANK.**

4. 92702 - Followup on Violations

**THIS PARAGRAPH CONTAINS SAFEGUARDS
INFORMATION AND IS NOT FOR PUBLIC
DISCLOSURE, IT IS INTENTIONALLY
LEFT BLANK.**

5. 81022 - Security Organization

The licensee's security management structure and chain of command were reviewed by the inspector and found in conformance with the approved Security plan, Contingency Plan, procedures, and applicable regulatory requirements, and were adequate and appropriate for their intended function. The inspector confirmed that sufficient security organization supervisors and personnel were available to meet protection requirements.

6. 81034 - Security Program Audit

The licensee continued to audit the security program in accordance with Chapter 15 of the security plan. A total of 75 manhours were expended by the licensee in completing the Annual Management Security Audit, dated November 21, 1984. One lighting deficiency was identified. The deficiency was immediately corrected.

7. 81038 - Records and Reports

Security Event Report records and logs, Vital Area key control custody records and Alarm Response records were spot checked for the period January - April, 1985. All records were complete, properly maintained and readily accessible.

8. 81042 - Testing and Maintenance

The licensee's program for testing and maintenance of security equipment conformed to the requirements of the security plan and licensee procedures. Testing and maintenance records were reviewed and security equipment was tested at the inspectors' request to ensure that the equipment met regulatory general performance requirements and objectives. The program was considered adequate.

9. 81046 - Locks, Keys, and Combinations

The licensee's key and lock control program was being administered in accordance with licensee procedures and the approved security plan. The accountability of vital area keys was confirmed by the inspector.

10. 81052 - Physical Barriers (Protected Areas)

The inspectors confirmed by observation that the physical barriers surrounding the protected area were installed and maintained in conformance with the security plan. The inspectors examined approximately two-thirds of the perimeter fencing on April 9, 1985 and found it acceptable.

**THIS PARAGRAPH CONTAINS SAFEGUARDS
INFORMATION AND IS NOT FOR PUBLIC
DISCLOSURE. IT IS INTENTIONALLY
LEFT BLANK.**

11. 81054 - Physical Barriers (Vital Areas)

The inspector observed barriers enclosing the Unit 2 vital areas and found them in conformance with the security plan.

12. 81058 - Security System Power Supply

The inspector confirmed that a power supply system was maintained by the licensee to provide emergency power to physical security equipment in accordance with the security plan. The inspector determined from a review of records that the power supply was maintained and tested in accordance with the licensee's procedures.

13. 81064 - Compensatory Measures

A review of records by the inspector determined that compensatory measures, when required, conformed with the security plan and the licensee's security procedures. The measures were adequate for their intended function.

14. 81066 - Assessment Aids

The inspector determined that assessment aids conformed to the security plan and were adequate and appropriate for their intended function.

15. 81070 - Access Control (Personnel)

The inspector observed that the licensee controlled access to the protected and vital areas in accordance with the security plan and security procedures. Search equipment was adequate and appropriate for its intended function.

16. 81072 - Access Control (Packages)

The inspector observed that the entry of packages and material into the protected area was controlled in conformance with the security plan and security procedures. Search equipment was adequate and appropriate for its purpose.

17. 81074 - Access Control (Vehicles)

The inspector observed that vehicle access to the PA was in accordance with the security plan and security procedures. Vehicles were properly searched and escorted as required. Vehicle searches and personnel processing were observed frequently by the inspectors during this inspection at the main vehicle access control point.

18. 80178 - Detection Aids (Protected Areas)

The perimeter intrusion detection system detected penetration tests of the isolation zones in accordance with the security plan. Alarm system performance was observed during an inspector requested test conducted on April 9, 1985.

19. 81080 - Detection Aids (Vital Areas)

The plant vital areas intrusion system detected inspector requested attempted penetrations of the vital area doors. This was demonstrated to the inspectors by testing on April 9, 1985.

20. 81084 - Alarm Stations

The inspectors observed both the CAS and SAS operators in the performance of required surveillance and communications duties as required by the security plan and security procedures.

**THIS PARAGRAPH CONTAINS SAFEGUARDS
INFORMATION AND IS NOT FOR PUBLIC
DISCLOSURE, IT IS INTENTIONALLY
LEFT BLANK.**

21. 81088 - Communications

The inspectors confirmed communications equipment effectiveness between the CAS/SAS and members of the security organization on post or patrol. Random tests were accomplished by the licensee throughout the inspection at the request of the inspectors.

1082

NRC FORM 700
NS-B31
REV. 10-85

U.S. NUCLEAR REGULATORY COMMISSION

INSPECTOR'S REPORT
Office of Inspection and Enforcement

PRINCIPAL INSPECTOR (Name last, first and middle initial)
MADDOEN, Wm.
REVIEWER
Kleinig, R. R. 4/18

INSPECTOR
DUNLAP, J.

LICENSEE/VENDOR
MILLSTONE Units
#1 & 2 (NECO)

TRANSACTION TYPE
I - INSERT
M - MODIFY
D - DELETE
R - REPLACE

DOCKET NO. (8 digit OR license NO. (8 digit PRODUCT ID only)
25000245
25000334

REPORT
NO. 8513
8516
SEQ. A
B
C
D

NEXT INSP. DATE
MO. YR.

PERIOD OF INVESTIGATION/INSPECTION
FROM TO
MO DAY YR MO DAY YR
04 08 85 04 11 85

INSPECTION PERFORMED BY
1 - REGIONAL OFFICE STAFF
2 - RESIDENT INSPECTOR
3 - PERFORMANCE APPRAISAL TEAM

ORGANIZATION CODE OF REGION/HQ CONDUCTING ACTIVITY (See IEMC 0530 Manpower Reporting - Weekly Manpower Reporting for code)
REGION DIVISION BRANCH
1 C B

REGIONAL ACTION
(Check one box only)
1 - NRC FORM 501
2 - REGIONAL OFFICE LETTER

TYPE OF ACTIVITY CONDUCTED (Check one box only)
02 - SAFETY
03 - INCIDENT
04 - ENFORCEMENT
05 - MGMT. AUDIT
06 - MGMT. VISIT
07 - SPECIAL
08 - VENDOR
09 - MAT. ACCT.
10 - PLANT SEC.
11 - INVENT. VER.
12 - SHIPMENT/EXPORT
13 - IMPORT
14 - INQUIRY
15 - INVESTIGATION

INSPECTION INVESTIGATION FINDINGS
(Check one box only)
A B C D
1 - CLEAR
2 - VIOLATION
3 - DEVIATION
4 - VIOLATION & DEVIATION

TOTAL NUMBER OF VIOLATIONS AND DEVIATIONS
A B C D
0 0 0 0

ENFORCEMENT CONFERENCE HELD
A B C D
0 0 0 0

REPORT CONTAIN 2700 INFORMATION
10 CFR 73.21
A B C D
1 1 1 1

LETTER OR REPORT TRANSMITTAL DATE
NRC FORM 501 OR REG. LETTER ISSUED
MO DAY YR
08 23 85

MODULE INFORMATION
REC. ORD. MODULE NUMBER INSP. TYPE NUMBER PHASE MANUAL CHAPTER PROCEDURE NUMBER LEVEL
5307031A 002
5927011B 004 5810841B 5810421B 002 1000C
5927021B 003 5810661C 5810441B 002 1000C
5810221B 001 1000C 5810521B 004 1000C 5810521B

MODULE INFORMATION
REC. ORD. MODULE NUMBER INSP. TYPE NUMBER PHASE MANUAL CHAPTER PROCEDURE NUMBER LEVEL
5307031A 002
5927011B 004 5810841B 5810421B 002 1000C
5927021B 003 5810661C 5810441B 002 1000C
5810221B 001 1000C 5810521B 004 1000C 5810521B

CIRCLE SEQUENCE IF VIOLATION OR DEVIATION

1 2 3 4 5 10 12 13 15 16 18 19 20 21 26 12 3 4 5 10 12 13 15 16 18 19 20 21 26

