

U. S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 70-371/90-06

Docket No. 70-371

License No. SNM-368

Licensee: UNC, Incorporated
UNC Naval Products
67 Sandy Desert Road
Uncasville, Connecticut 06382

Facility Name: UNC Naval Products

Inspection At: Uncasville, Connecticut

Inspection Conducted: December 10-13, 1990

Inspectors:

G. C. Smith
G. C. Smith, Senior Physical Security
Specialist, Facilities Radiological Safety
and Safeguards Branch (FRS&SB), Division of Radiation
Safety and Safeguards (DRSS)

12/20/90
date

Approved by:

R. R. Keimig
R. R. Keimig, Chief, Safeguards Section, DRSS

12/20/90
date

Inspection Summary: Unannounced Physical Security Inspection on
December 10-13, 1990, (Report No. 70-371/90-06)

Areas Inspected: Records and Reports; Testing and Maintenance; Physical
Barriers-Protected and Material Access Areas; Lighting; Access
Control-Personnel, Packages, and Vehicles; Detection Aids-Protected Area; Alarm
Stations; and Decommissioning Activities.

Results: The licensee was in compliance with security plan requirements in
the areas inspected.

DETAILS

1. Key Persons Contacted

- *B. Andrews, President and General Manager
- R. Gregg, Director, Technical Services
- *R. Gigliotti, Director of Security
- R. Jason, Security Training Officer
- B. Gibson, Security Shift Supervisor
- E. Ezzel, Security Shift Supervisor
- K. Nummi, Security Shift Supervisor

The inspector also interviewed members of the licensee's contract security organization.

*present at the exit interview

2. Records and Reports

The inspector reviewed the following records and reports generated since the last inspection: duty logs, testing and maintenance records, and incident reports. All records were found to be well-maintained and were completed in accordance with commitments in the NRC-approved physical security plan (the Plan) and its implementing procedures.

3. Testing and Maintenance

The inspector reviewed the testing and maintenance records (as noted above) and procedures for the intrusion detection system, metal detectors, and explosives detectors. The inspector also observed licensee-conducted tests of personnel and package search equipment, and perimeter intrusion detection equipment. No discrepancies were identified.

4. Physical Barriers - Protected Area

The inspector observed all physical barriers that form the protected area perimeter and found that the barriers were installed and maintained in accordance with the Plan and license conditions.

5. Physical Barriers - Material Access Area

The inspector observed the interior and exterior barrier features of the Material Access Area and found that they were installed and maintained in accordance with the Plan and license conditions.

6. Lighting

The inspector toured the protected area and isolation zones on December 10, 1990, to conduct a lighting survey. A licensee representative accompanied the inspector and conducted light measurements using a calibrated light meter. The light meter readings, in approximately 12 areas, indicated that the light level was below the 0.2 footcandle level required by the Plan. Although the light meter indicated lighting deficiencies, the inspector observed that the light levels appeared to be adequate. On December 11, 1990, at the inspector's request, the light meter was sent to the licensee's calibration laboratory to verify its accuracy. During the recalibration process, the calibration technicians determined that an incorrect filter had been inserted in the detection head of the light meter, resulting in the meter reading low by a factor of ten at the 0.2 footcandle range. The light meter was recalibrated and on December 11, 1990, the inspector and a licensee representative conducted another light survey using the recalibrated meter. Measurements with the recalibrated light meter and observations by the inspector during the resurvey did not identify any light deficient areas.

7. Access Control - Personnel and Packages

The inspector reviewed the personnel and package access control procedures and determined them to be as committed to in the Plan. The inspector noted minimal delays while observing personnel access processing during the peak traffic periods at shift changes. The inspector noted that, in accordance with the Plan and regulatory requirements, 100% of all personnel and hand-carried packages entering the protected area were searched prior to entry. The searches were deemed by the inspector to be effective.

8. Access Control - Vehicles

The inspector reviewed the vehicle access control procedures and determined that they were as committed to in the Plan. This determination was made by observing vehicles being processed through the main access control point. Again, the searches were deemed by the inspector to be effective.

9. Detection Aids - Protected Area

The inspector observed penetration tests of selected zones of the licensee's intrusion detection system on December 11 and 12, 1990. Test results confirmed that operation of the system was in accordance with the Plan and that the system could effectively detect attempted penetrations.

10. Alarm Stations

The inspector confirmed that operators in the Central Alarm Station (CAS) and Secondary Alarm Station (SAS) were performing their duties in conformance with commitments in the Plan and its implementing procedures.

Alarm station operators were interviewed by the inspector and found to be knowledgeable of their duties and responsibilities. The inspector verified that the alarm stations did not contain any operational activities that would interfere with the assessment functions.

11. Decommissioning Activities

On December 11, 1990, the inspector toured the material access area where unencapsulated material is handled and held discussions with Material Control and Accounting and Security Management to review the status of decommissioning activities. The inspector determined that the shipment of unencapsulated fuel off-site is on schedule, that decommissioning of one of the press areas is near completion, and that a proposed revision to the Plan has been submitted to the NRC for approval to reflect changes in the security program that will be implemented as a result of the decommissioning activities.

12. Exit Interview

The inspector met with the licensee representatives indicated in paragraph 1 at the conclusion of the inspection on December 13, 1990, and summarized the scope and findings of the inspection.

OUTSTANDING ITEMS F SINGLE DOCKET ENTRY FORM

REPORT HOURS

- | | | | |
|------------------|-----------|--------------------------------------|-------|
| 1. Operations | _____ | 7. Outages | _____ |
| 2. Rad-Con | _____ | 8. Training | _____ |
| 3. Maintenance | _____ | 9. Licensing | _____ |
| 4. Surveillance | _____ | 10. QA | _____ |
| 5. Emerg. Prep. | _____ | 11. Other | _____ |
| 6. Sec/Safegrds. | <u>25</u> | 12. Fire Protection/
Housekeeping | _____ |

Docket No. 1710F-13717

Originator G Sault

Reviewing Supervisor R K... j

Item Number	Type	SALP Area	Area	Action Due Date	Updt/Clsout Rpt/	Date O/M/Clsd
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Originator/Modifier			Resp Sec		Descriptive Title	

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