

U.S. NUCLEAR REGULATORY COMMISSION  
REGION III

Report Nos. 50-315/90017(DRSS); 50-316/90017(DRSS)

Docket Nos. 50-315; 50-316

Licenses No. DPR-58; DPR-74

Licensee: Indiana Michigan Power Company  
1 Riverside Plaza  
Columbus, OH 43216

Facility Name: Donald C. Cook Nuclear Power Station, Units 1 and 2

Inspection At: Donald C. Cook Plant Site, Bridgman, Michigan

Inspection Conducted: August 13-17, 1990

Inspectors: James R. Kniceley  
James R. Kniceley  
Physical Security Inspector

8/21/90  
Date

Approved By: James Belanger for  
James R. Creed, Chief  
Safeguards Section

8/21/90  
Date

Inspection Summary

Inspection on August 13-17, 1990 (Reports No. 50-315/90017(DRSS);  
50-316/90017(DRSS))

Areas Inspected: Routine, unannounced physical security inspection involving management support and effectiveness; protected and vital area physical barriers, detection and assessment aids; protected and vital area access control of personnel, packages and vehicles; alarm stations and communications; testing and maintenance and compensatory measures; and a review of previous inspection findings.

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

We have concluded that the security program is well implemented and is well managed. The experience level and technical competence of the security staff is considered a program strength. The plant manager's involvement and support for the security program is well communicated to site personnel and is considered a program strength. Managements efforts to reduce personnel errors involving the implementation of the security program were outstanding. Although the licensee's training and qualification program meets regulatory requirements, the licensee's security organization identified the need for additional and more effective tactical response training. However, because of a lack of resources, mainly due to outage support requirements, very little of this training was performed.

## DETAILS

### 1. Key Person Contacted

In addition to the key members of the licensee's staff listed below, the inspector interviewed other licensee employees and members of the security organization. The asterisk (\*) denotes those present at the Exit Interview conducted on August 17, 1990.

- \*A. Blind, Plant Manager
- \*I. Matthias, Administrative Superintendent
- \*W. Hodge, Security Manager
- \*J. Bradshaw, Administrative Compliance Coordinator
- M. Jury, Corporate Security
- \*K. Alexejun, QA Auditor
- \*J. Fletcher, Site Manager, Stanley Smith Security (SSS)
- \*A. Hemerling, Senior Captain, SSS
- \*L. Smead, Security Training Manager, SSS
  
- \*D. Passehl, Resident Inspector, NRC Region III

### 2. Entrance and Exit Interviews (IP 30703):

- a. At the beginning of the inspection, Mr. Walt Hodge, Security Manager was informed of the purpose of this visit and the functional areas to be examined.
  
- b. The inspector met with the licensee representatives denoted in Section 1 at the conclusion of the inspection on August 17, 1990. A general description of the scope of the inspection was provided. Briefly listed below are the findings discussed during the exit interview. The details of each finding discussed are referenced, as noted, in this report. Included below is a statement provided by or describing licensee management's response to each finding.
  - (1) The licensee was informed of and acknowledged the inspector's comments that no violations, deviations or unresolved items were identified during this inspection.
  - (2) The inspector commented that management's support for the security program is a program strength and management's efforts to reduce personnel errors involving the implementation of the security program is outstanding.
  - (3) The inspector commented that the contract security force's appearance and demeanor were excellent and security officers questioned during this inspection were knowledgeable of their duties and responsibilities and concerned about their performance.
  - (4) The inspector commented that although the training and qualification program meets regulatory requirements the security organization identified the need for additional and



more effective tactical response training and very little of this training has been performed.

- (5) The inspector commented that the licensee's Quality Assurance department continues to be instrumental in identifying security concerns during their audits and surveillances and is considered a program strength.

3. Program Areas Inspected (MC0610):

Listed below are the areas which were examined by the inspector within the scope of these inspection activities in which no violations, deviations, unresolved or open items were identified. These areas were reviewed and evaluated as deemed necessary by the inspector to meet the specified "Inspection Requirements" (Section 02) of the applicable NRC Inspection Procedure (IP) and the licensee's approved security plan. Only those areas in which findings were identified are discussed in subsequent report sections. Sampling reviews included interviews, observations, testing of equipment, document reviews and at times drills or exercises that provide independent verification of your ability to meet security commitments. The depth and scope of activities were conducted as deemed appropriate and necessary for the program area and operational status of the security system.

Number      Program Area and Inspection Requirements Reviewed

81700      Physical Security Program for Power Reactors

- a. Management Support: (01a): Degree of Management Support; (01b) Change to Security Plans Properly Reported and do not Reduce Security Effectiveness; (01c) Program and Corrective Action System for Annual Audits; Qualifications and Independence of Auditors;
- b. Protected and Vital Areas Barriers: (02a) PA and VA Barriers Meet Commitments and Provide Required Penetration Resistance; (02b) Isolation Zones Adequately Maintained; (02c) Detection Aids Functionally Effective, Meet Commitments, and no Vulnerabilities to Avoid Detection; (02d) Assessment Aids Functional and Effective and Meet Commitments;
- c. Access Control-Personnel, Packages, and Vehicles: (03a) Positive Access Control to include: Proper Identification; Required Personnel Screening Completed; Compliance with Fitness For Duty Commitments; Immediate Measures to Prevent Access when Person is Terminated or Transferred For Cause; Unauthorized Names Not Added to access List/Computer Program; Adequate Search Upon Entering PA; Badges Displayed; Visitors Escorted; Emergency Access to Vital Equipment; VA Access is Duty Related; (03b) Packages Searched and Properly Authorized; Controls for Containment Access; (03c) Vehicles Properly Authorized, Searched, and Controlled; Access to Vehicle Gates Controlled;

- d. Alarm Stations and Communications: (04a) Alarm Stations Adequately Equipped with Alarm, Surveillance, and communications; Continuously Manned and Independent Functioning Capability; (04b) No CAS Interfering Operational Activities; (04c) Alarm Stations Have Continuous Communication Capability with Guards and LLEA;
- e. Testing, Maintenance and Compensatory Measures: (06a) Adequate Installation, Testing and Maintenance of Security Equipment; (06b) Compensatory Measures Implemented and Effective;