

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 50-334/82-28

Docket No. 50-334 License No. DPR-66 Safeguards Group N/A

Licensee: Duquesne Light Company

435 South Avenue

Pittsburgh, Pennsylvania 15219

Facility Name: Beaver Valley Power Station, Unit I

Inspection At: Shippingport, Pennsylvania

Inspection Conducted: November 15-19, 1982

Date of Last Physical Protection Inspection: June 14-18, 1982

Type of Inspection: Unannounced Physical Protection

Inspectors: *A. Gody for*
G. C. Smith, Physical Protection
Inspector

12/16/82
date signed

W. M. Dunlap
J. M. Dunlap, Physical Protection
Inspector

12/16/82
date signed

Approved by: *A. T. Gody*
A. T. Gody, Chief, Safeguards and Fuel
Facilities Section, Nuclear Materials
and Safeguards Branch

12/16/82
date signed

Inspection Summary: Routine Unannounced Physical Protection Inspection on
November 15-19, 1982 (Report 50-334/82-28)

Areas Inspected: Security Plan and Implementing Procedures; Security Organiza-
tion (Management), (Personnel), (Response); Security Program Audits; Records
and Reports; Testing and Maintenance; Locks, Keys and Combinations; and Inspector
Follow-up on Unresolved Items and Items of Noncompliance. The inspection involved
64 inspector-hours onsite by two Region-based inspectors. The inspection was
initiated during regular working hours.

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

DETAILS

1. Key Persons Contacted

- * F. J. Bissert, Manager, Nuclear Support Services
- * J. H. Lukehart, Director of Security
- * D. Reeves, Engineer, Duquesne Light Company (DLC)
- * H. L. Harper, Security Assistant, DLC
- * A. L. Middleton, Security Training Coordinator, DLC
- * F. R. Timmons, Assistant Nuclear Manager, Burns Security
- * M. A. D'Angelo, Security Assistant, Burns Security
- * F. Paulechho, Security Assistant, DLC
- * W. M. Troskoski, NRC Resident Inspector

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

* denotes those present at the exit interview.

2. 30703 - Exit Interview

The inspectors met with licensee representatives at the conclusion of the inspection on November 19, 1982. At that time, the purpose and scope of the inspection were reviewed and the findings presented.

3. 92701 - Follow-up on Unresolved Items

(Closed) Unresolved Item (81-04-06) Licensee to establish a security printer alarm overload capacity. Additional installed security equipment has eliminated alarm printer overload situations.

(Closed) Unresolved Item (81-04-07) Licensee to assure all security procedures are reviewed and approved by the Onsite Safety Committee. All security procedures were reviewed by the Onsite Safety Committee.

(Closed) Unresolved Item (81-12-04) Licensee to review the Security computer alarm system to minimize spurious alarms. The licensee conducted a review of the system and instituted actions which reduced spurious alarms by greater than 50%.

(Closed) Unresolved Item (81-25-11) Failure to formalize procedures for security computer software revisions and testing. The licensee developed and implemented a formal procedure for security computer software revision and testing.

(Closed) Unresolved Item (81-28-06) Licensee to take action as a result of an alarm being inadvertently left in access. The licensee established a procedure which provides a documented overcheck of the status of all alarms by the CAS and SAS.

4. 92702 Follow-up on Items of Noncompliance

(Closed) Violation (81-02-02) Failure to lock a perimeter gate. The licensee issued specific post orders and procedures which incorporated an overcheck function and upgraded and strengthened training to assure proper locking of perimeter portals. All perimeter portals were locked during the inspection.

(Closed) Violation (81-02-03) Improper implementation of a Security Post order resulted in failure to discover an unlocked perimeter gate. The licensee upgraded training and issued specific post orders to assure that any unlocked perimeter gate would be identified.

(Closed) Violation (81-04-05) Failure to lock a perimeter gate. See licensee action for violation 81-02-02 above.

(Closed) Violation (81-08-02) Failure to lock a perimeter barrier door. See licensee action for violation 81-02-02 above.

(Closed) Violation (81-08-03) Failure to have part of the perimeter alarm system annunciate in the CAS and SAS. All of the perimeter alarm system now annunciates in the CAS and SAS.

(Closed) Violation (81-08-04) Failure to provide observation or CCTV assessment capabilities for a portion of the perimeter boundary. A permanent security post was established to provide observation/assessment of the affected portion of the perimeter.

(Closed) Violation (81-13-02) Failure to provide all security personnel with two-way radio communication. All security personnel were provided with two-way radio communication.

(Closed) Violation (81-18-04) Failure to lock a perimeter gate. See licensee action for violation 81-02-02 above.

(Closed) Violation (81-28-05) Failure to maintain unobstructed isolation zones. The licensee upgraded training and issued specific procedures to assure isolation zones were maintained in accordance with regulatory requirements.

(Closed) Violation (81-28-08) Failure to provide a vehicle escort with two-way radio communication. See licensee action for violation 81-13-02 above.

(Closed) Violation (81-28-09) Failure to maintain the security uninterruptible power supply (UPS) in an operable condition. The inspector verified the UPS had been repaired and was being maintained in an operable condition.

(Closed) Violation (81-30-01) Failure to maintain a record of all alarm responses. The inspector verified all alarm responses were being recorded. The documentation of all alarm responses was accomplished by an overcheck implemented by the licensee and facilitated by the reduction of spurious alarms (See Unresolved Item 81-12-04 above).

(Closed) Violation (82-06-04) Failure to provide Compensatory Measures for perimeter and vital openings. In addition to the licensee actions identified for violation 81-02-02 above, a procedure to assure that all departments (Operations, Maintenance and Construction) notify Security prior to instituting any actions which would degrade a security barrier was implemented.

(Closed) Violation (82-06-05) Failure to control protected area access at a temporary protected area portal. The portal was secured until post orders and procedures were revised, approved and all personnel were trained in their implementation.

5. 81118 - Security Plan and Implementing Procedures

No violations were noted. The licensee's Security Plan and implementing procedures were adequate and appropriate to meet the general performance requirements and objectives of the governing regulations.

6. 81122 - Security Organization (Management)

No violations were noted. The licensee's security management structure and chain of command were in conformance with the physical security plan. The licensee had a management system to provide for development, revision, implementation, and enforcement of physical protection procedures.

7. 81126 - Security Organization (Personnel)

No violations were noted. The licensee's security organization conformed with Security Plan requirements and implementing procedures. Supervisory personnel were adequately trained and qualified, and demonstrated their ability to carry out assigned duties and responsibilities.

8. 81130 - Security Organization (Response)

No violations were noted. The licensee's planned responses to contingencies conformed with Security Plan requirements. Liaison with local law enforcement agencies (LLEA) was current and documentation of LLEA response agreements was maintained as required.

9. 81134 - Security Program Audit

No violations were noted. The licensee audited the security program to assure its continued effectiveness. No weaknesses were identified by the audit.

10. 81138 - Records and Reports

No violations were noted. The licensee's reports to NRC were consistent with regulatory and Security Plan requirements. The records required to be retained for specified periods of time were complete, well maintained, and available for inspection at the site.

11. 81142 - Testing and Maintenance

No violations were noted. The licensee's program for testing and maintenance of security equipment conformed to the requirements of the Physical Security Plan and licensee procedures. Testing and maintenance records were reviewed and security equipment was tested, ensuring that the equipment met regulatory general performance requirements and objectives.

12. 81146 - Locks, Keys, and Combinations

No violations were noted. Security keys and card keys were controlled and protected in conformance with the Security Plan and licensee procedures. The card key system was effective and appropriate for the intended access control function.