

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report Nos. 50-277/89-14
50-278/89-14

Docket Nos. 50-277
50-278

License Nos. DPR-44
DPR-56

Licensee: Philadelphia Electric Company
2301 Market Street
Philadelphia, Pennsylvania 19101

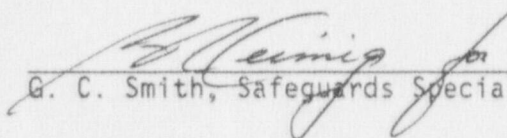
Facility Name: Peach Bottom Atomic Power Station, Units 2 and 3

Inspection At: Delta, Pennsylvania

Inspection Conducted: April 5, 1989


Type of Inspection: Special, Physical Security

Inspector:


G. C. Smith, Safeguards Specialist

4-11-89
date

Approved by:


R. R. Keimig, Chief, Safeguards Section
Facilities Radiological Safety and Safeguards
Branch

4-11-89
date

Inspection Summary: Special, Unannounced Physical Security Inspection on
April 5, 1989 (Combined Report Nos. 50-277/89-14 and 50-278/89-14)

Areas Inspected: Progress, to date, on open items resulting from NRC Combined
Inspection Nos. 50-277/89-80 and 50-278/89-80.

Results: All commitments made by the licensee to resolve the open items
have been met.

DETAILS

1. Key Persons Contacted

Philadelphia Electric Company (PECo)

- *J. Franz, Plant Manager
- **G. Bird, Nuclear Security Specialist
- *R. Thomas, Acting Chief Security Coordinator
- A. Hungerford, Acting Technical Assistant, Security
- *G. Cary, Shift Security Assistant
- M. Bruecks, Shift Security Assistant
- A. Stauffer, Security Clerk

Protection Technology Inc. (PTI)

- **M. Brockman, Security Force Supervisor
- E. King, Training Coordinator
- R. Shires, Operations Lieutenant

- *Present at Exit Interview
- **Contact via Telephone

Other PECO and PTI personnel were also interviewed by the inspector.

2. Review of Open Items

The purpose of this inspection was to review progress, to date, on open items resulting from Inspection Nos. 50-277/89-80 and 50-278/89-80, which was conducted January 5, 6 and 23-27, 1989, and for which the licensee had provided dates by which the items would be resolved. Those commitment dates were contained in the licensee's February 8, 1989 letter to the NRC, which was attached to the report of that inspection.

The open items reviewed, and their status, are as follow (identification of items is consistent with the PBAPS February 8, 1989 letter):

Item 1: Install weapons/security equipment safe in the power block by March 6, 1989.

Status: The inspector verified that the licensee has installed a weapons/security equipment safe in the power block. This installation also satisfies Regulatory Effectiveness Review (RER) Finding C which identified the lack of readily available response weapons/security equipment in the power block as a potential weakness. That finding is also considered resolved.

Item 2: Repair and/or replace failed/defective detection and assessment equipment.

Status: The inspector verified that, at the time of this inspection, all detection and assessment equipment was operating as required, and there were no compensatory posts required for failed equipment. The inspector also verified that an aggressive maintenance program was in place to ensure that any detection or assessment equipment that did fail was repaired in a timely manner, thus minimizing the need for compensatory measures. The licensee's actions to aggressively maintain assessment and detection equipment in an operable condition also satisfies RER Finding A which addressed the use of compensatory measures for inoperative detection equipment, and Finding D which addressed degraded assessment equipment. Those items are also considered resolved.

Item 3: Implement a Preventive Maintenance (PM) Program for Security Systems and Equipment by March 1, 1989.

Status: The inspector verified that a PM program, which includes a computerized tracking system, has been implemented. The PM program is being implemented using some Plant Operations Review Committee (PORC) approved PM procedures and some Vendor Manual Recommendations. The licensee has committed to develop PORC-approved PM procedures for all equipment by December 31, 1989. Implementation of a PM program is considered resolved.

Item 5: Upgrade Protected Area and Isolation Zone Lighting by March 30, 1989.

Status: The inspector verified that approximately 63 Halogen lights had been installed to replace the numerous temporary lighting fixtures that were being used to illuminate the protected area and isolation zones during the January 1989 inspection. This item is considered resolved.

Item 8: Revise Surveillance Test (ST) procedures and identify the individuals responsible for performance of the STs by March 30, 1989.

Status: The inspector verified that the ST procedures were revised, that the new procedures were comprehensive

in scope, and that they provide detailed guidance to the individuals performing the STs. The licensee also identified and provided special training for designated individuals who are responsible for performing the STs. This item is considered resolved.

Item 10: Provide additional training to the Shift Security Assistants (SSA) that emphasizes the performance objectives of the physical security program by February 18, 1989.

Status: The inspector verified that an enhanced, formal training program, had been developed. All SSAs attended and satisfactorily completed this training program. This item is considered resolved.

Item 12: Remove two sections of fence that may assist an intruder in by-passing certain detection equipment by February 6, 1989.

Status: The inspector verified that the two fence sections were removed. This item is considered resolved.

Item 13: Develop a formal PORC-approved validation and verification procedure for security computer software changes by March 31, 1989.

Status: The inspector verified that Procedure PP-50, "Validation and Verification of Software and Hardware Changes to the Security Computer System," dated March 20, 1989, had been developed and approved by the PORC. The inspector reviewed the procedure and determined that it was comprehensive and contained sufficient details to ensure adequate controls for computer software and hardware changes. This item is considered resolved.

The inspector determined that there are no open security-related items remaining that would preclude restart of either Unit 2 or Unit 3 at Peach Bottom Atomic Power Station.

Item Nos. 4, 7, 9, 11, 14, 15, 16, 17 and 18 identified in the licensee's February 8, 1989 letter were not scheduled for completion at the time of this inspection and, therefore, were not reviewed. However, the inspector noted that the progress on those items was consistent with the licensee's commitment dates. These items will be reviewed during subsequent inspections.

3. Exit Interview

The inspector met with the licensee representatives identified in paragraph 1 at the conclusion of the inspection on April 5, 1989, to summarize the scope and findings of the inspection.

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