

U.S. NUCLEAR REGULATORY COMMISSION
REGION I

Report Nos. 50-317/87-02
50-318/87-02

Docket Nos. 50-317 DPR-53
50-318 License Nos. DPR-69

Licensee: Baltimore Gas and Electric Company

P.O. Box 1475

Baltimore, Maryland 21203

Facility Name: Calvert Cliffs Nuclear Power Plant, Units 1 and 2

Inspection At: Lusby, Maryland

Inspection Conducted: February 17-20, 1987

Date of Last Physical Security Inspection: February 18-21, 1986

Type of Inspection: Routine, Unannounced Physical Security

Inspector: R. J. Bailey
R. J. Bailey, Physical Security Inspector

4-14-87
date

Approved by: R. R. Keimig
R. R. Keimig, Chief, Safeguards Section
Division of Radiation Safety and Safeguards

4-17-87
date

Inspection Summary: Routine, Unannounced Physical Security Inspection on
February 17-20, 1987 (Combined Inspection Nos. 50-317/87-02 and 50-318/87-02)

Areas Inspected: Followup on Security Program Event Reports and a previously
identified violation; Management Effectiveness; and Independent Inspection
(Followup on NRC Regulatory Effectiveness Review Findings).

Results: The licensee was in compliance with NRC requirements in the areas
examined.

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DETAILS

1. Key Personnel Contacted

D. W. Latham, Manager, Facilities Management Division
E. Gwiazdowski, Assistant General Manager, Security Operations
L. W. Blankenship, Supervisor, Security Training
W. A. Moffat, Supervisor, Nuclear Security
J. H. Alvey, Supervisor, Nuclear Security
J. W. Ross, Jr., Licensing, Facilities Management Division
S. R. Cowne, Nuclear Engineering Services
K. M. Bauer, Nuclear Security Officer
W. A. Butler, Supervisor, Access Control
M. R. Cox, Supervisor, Support Unit, Nuclear Security

The inspector also interviewed other members of the licensee's proprietary security force.

2. Followup on a Previously Identified Violation

(Closed) Violation (50-317/86-07 and 50-318/86-07): Contractor vehicles left unattended and unlocked with the keys in the ignition. The licensee implemented corrective actions to prevent recurrence. The inspector checked a number of unattended parked vehicles within the protected area during the hours of darkness on February 19, 1987 and all vehicles were locked with the keys under the control of the section head to which the vehicles were assigned.

3. Followup on Security Program Event Reports

During this inspection, the inspector reviewed records and discussed five security events reported to NRC in accordance with 10 CFR 73.71, which occurred on May 7, May 29, June 21, June 27, and December 10, 1986. Three events involved malfunctions of the security computer due to hardware problems. Another event occurred while maintenance was being performed on the security computer. The remaining event involved the finding of a bomb-like device inside the protected area. The device was determined to be harmless. The licensee determined, after a full investigation, that several plant employees had participated in a prank on another employee. The plant employees involved in the prank were counseled and disciplined. The inspector determined that the licensee took timely and appropriate compensatory and corrective action with respect to all five events.

4. Management Effectiveness

The inspector discussed the following actions undertaken by the licensee to enhance the effectiveness of the security program at Calvert Cliffs.

- Funds were approved on December 19, 1986 for the purchase of a new security computer, access control devices and associated equipment.

- Approval was granted to construct a firing range on owner controlled property.
- The explosive detectors utilized at the entry control point to the protected area were upgraded.
- A training program to instruct Quality Assurance auditors in the security program was developed.
- A drill with the Maryland State Fire Marshal on May 29, 1986 was conducted.

The inspector also noted that no lost time was experienced by the security department due to accidents in 1986.

5. Independent Inspection Effort

During this inspection, the inspector reviewed the licensee's response to the NRC Regulatory Effectiveness Review (RER) at Calvert Cliffs. That response was transmitted to the NRC on September 22, 1986. The RER report and the licensee's response are Safeguards Information and are exempt from public disclosure.

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6. Exit Interview

The inspector met with licensee representatives listed in Paragraph 1 at the conclusion of the inspection on February 20, 1987. The purpose and scope of the inspection were reviewed and the findings were presented.

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