

FEB 24 1994

DS

Docket Nos: 50-317
50-318

License Nos. DPR-53
DPR-69

Mr. Robert E. Denton
Vice President-Nuclear Energy
Baltimore Gas and Electric Company (BG&E)
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657-4702

Dear Mr. Denton:

Subject: NRC Region I Special Inspection Report Nos. 50-317/94-05 and 50-318/94-05
(January 19, 1994 - January 21, 1994)

This refers to the inspection conducted by Messrs. Wilson, Lyon, Lathrop, and Skokowski of this office on January 19, 1994, through January 21, 1994. The inspection included a review of activities authorized for your Calvert Cliffs facility. At the conclusion of the inspection, the findings were discussed with those members of your staff identified in the enclosed report.

Areas examined during the inspection are identified in the report. The inspectors reviewed the causes for the January 12, 1994, Unit 2 reactor trip and partial loss of offsite power. Other areas examined included plant and operator response to the event and BG&E's corrective actions. The purpose of the inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements.

The NRC concluded that licensee actions in response to the event were prompt and thorough. Our review concluded that inadequate design instructions, communications breakdowns and inattention to detail resulted in the installation of a modification that was incomplete, not fully tested and adequately evaluated. This in conjunction with an electrical ground caused the above event. The lack of adequate design controls associated with this modification was a violation of NRC requirements as specified in the enclosed Notice of Violation (Appendix A). Enforcement discretion for this violation was not exercised because the problem led to a partial loss of offsite power and a Unit 2 reactor trip.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice of Violation when preparing your response. In your response, you should document the specific actions taken and include any additional actions you plan to prevent recurrence.

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Mr. Robert E. Denton

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In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter will be placed in the NRC Public Document Room. The responses directed by this letter and the enclosed Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paper Work Reduction Act of 1980, Pub. L No. 96.511.

Sincerely,

ORIGINAL SIGNED BY:
CURTIS J. COWGILL

Curtis J. Cowgill, Chief
Reactor Projects Branch No. 1
Division of Reactor Projects

Enclosures:

1. Appendix A, Notice of Violation
2. NRC Region I Special Inspection Report Nos. 50-317/94-05 and 50-318/94-05

cc w/encls:

G. Detter, Director, Nuclear Regulatory Matters (CCNPP)
R. McLean, Administrator, Nuclear Evaluations
J. Walter, Engineering Division, Public Service Commission of Maryland
K. Burger, Esquire, Maryland People's Counsel
R. Ochs, Maryland Safe Energy Coalition
K. Abraham, PAO (2)
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
NRC Resident Inspector
State of Maryland (2)

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Mr. Robert E. Denton

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bcc w/encl:

Region I Docket Room (with concurrences)

C. Cowgill, DRP

L. Nicholson, DRP

R. Fuhrmeister, DRP

P. Wilson - Calvert Cliffs

V. McCree, OEDO

R. Capra, NRR

D. McDonald, NRR

RL:DRP
PWilson

2/16/94

RI:DRP
LNicholson

2/16/94

RI:DRP
CCowgill

2/24/94

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