

APR 1 1994

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 Resident Inspection Report Nos. 50-317/94-09 and
50-318/94-09 (February 6, 1994 - March 12, 1994)

This report transmits the findings of the safety inspection conducted by the resident inspectors at the Calvert Cliffs Nuclear Power Plant. At the conclusion of the inspection, these findings were discussed with Mr. Cruse of your staff.

Areas examined during this inspection are described in the NRC Region I Inspection Report which is enclosed with this letter and were selected in order to ensure that your facility is operated with due regard for the public health and safety. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspectors. Overall, the NRC has concluded that your facility was operated in a safe manner.

During this inspection, we noted that you discovered significant fastener degradation due to boric acid corrosion on an incore instrument flange. The NRC is concerned about this degradation because a failure of the flange results in a nonisolable, small-break type leak on the reactor vessel head and your safety evaluation that was proposed in June 1993 for continued operation did not predict the degradation. We understand that you have an ongoing evaluation to assess this problem. NRC will closely follow your actions in this matter.

In addition, two examples of inadequate procedure implementation were noted during this inspection. These examples involved a lack of questioning attitude during drying of the fuel storage canisters and a lack of self-verification during engineered safety features logic testing. In both cases, BG&E took prompt and appropriate corrective actions. The failure to properly implement procedures was a violation of NRC requirements. The violations were not cited because the criteria for discretion specified in the NRC Enforcement Policy, Section VII.B., was met.

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Mr. Robert E. Denton

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APR 1 1994

Your cooperation is appreciated.

Sincerely,

ORIGINAL SIGNED BY:

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

Enclosure: NRC Region I Resident Inspection Report Nos. 50-317/94-09 and
50-318/94-09

cc w/encl:

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

3

APR 1 1994

bcc w/encl:

Region I Docket Room (with concurrences)

C. Cowgill, DRP

L. Nicholson, DRP

R. Fuhrmeister, DRP

P. Wilson - Calvert Cliffs

R. Capra, NRR

D. McDonald, NRR

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4/1/94

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