

DCS

APR 8 1994

Docket Nos. 50-317
50-318

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

Dear Mr. Denton:

SUBJECT: COMBINED INSPECTION REPORTS NOS. 50-317/94-02 AND 50-318/94-02

This report transmits the NRC Region 1 inspection report for the announced inspection conducted by Mr. J. A. Calvert of this office from February 7-18, 1994, at the Calvert Cliffs Nuclear Power Plant, Units 1 and 2, Lusby, Maryland. At the conclusion of the inspection, these findings were discussed with Mr. P. Katz and other members of your staff.

The inspection was directed toward areas important to public health and safety. Areas examined during this inspection were the engineering aspects of modifications, with special focus on the digital hardware and software system design. The inspection included review of documents associated with the variable low temperature overpressure protection system (VLTOP), and the full-range digital feedwater control system (FRDFCS.) The inspection consisted of selective examinations of design, installation, and test documents, plus interviews with personnel, walkdowns, and direct observations by the inspector.

We noted a determined effort on the part of your staff to understand and address digital upgrade issues. In the variable low temperature overpressure protection system (VLTOP) modification, the appropriate digital issues were considered early in the project design. However, a key software requirement that improved system reliability was missed, but will be implemented through corrective action by your staff.

Within the scope of this inspection, no violations were identified.

TEO
111

180021

9404190008 940408
PDR ADOCK 05000317
G PDR

APR 8 1994

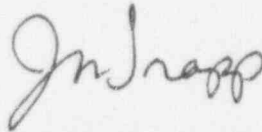
Mr. Robert E. Denton

2

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.

Your cooperation is appreciated.

Sincerely,



James M. Trapp, Acting Chief
Electrical Section
Division of Reactor Safety

Enclosure: NRC Region I Combined Inspection Report Nos. 50-317/94-02
and 50-318/94-02

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)

APR 8 1994

Mr. Robert E. Denton

3

bcc w/encl:

Region I Docket Room (with concurrences)

C. Cowgill, DRP

L. Nicholson, DRP

R. Fuhrmeister, DRP

P. Wilson - Calvert Cliffs

bcc w/encl: (VIA E-MAIL)

M. Shannon, NRR (MXS1)

V. McCree, OEDO (VMM)

W. Dean, OEDO

R. Capra, NRR

D. McDonald, NRR

P. Loeser, NRR

J. Mauck, NRR

RI:DRS

Calvert

JEC
04/07/94

RI:DRS

Ruland

Jm1 For
04/7/94

OFFICIAL RECORD COPY
A:CC9402.INS