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BALTIMORE GAS AND ELECTRIC COMPANY

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BALTIMORE, MARYLAND 21203

NUCLEAR POWER DEPARTMENT
CALVERT CLIFFS NUCLEAR POWER PLANT
LUSBY, MARYLAND 20657

August 8, 1985

Dr. Thomas E. Murley
Regional Administrator
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

SUBJECT: Calvert Cliffs Nuclear Power Plant Units 1 and 2
Inoperability of Post-Accident Sampling System

Dear Dr. Murley:

This is an update to my letter to you, dated July 22, 1985, on the status of the Post-Accident Sampling System (PASS). The System still remains inoperable due to persistent valve leakage problems.

The boron analyzer has been repaired and calibrated. The discrepancies with the on-line germanium detector have been identified and corrected. The dilution capability of the System has been performed and verified. The hydrogen and oxygen monitors have also been repaired and calibrated. Although the replacement parts for the pH monitor are on site and available, they have not been installed due to the pressure transients on the subsystem caused by valve leakage.

Leakage in the System has been detected from Unit 2 Reactor Coolant System (RCS). Although this isolation valve has been repaired and checked several times, it appears that it is unreliable in this application and must be replaced. Similarly, we expect unreliable performance from the Unit 1 RCS sample isolation valve. Leakage through these isolation valves prevents accurate determination of the dilution factor of the PASS grab samples, and thus renders the alternate method of obtaining post-accident samples inoperable.

Pending resolution of the above problem and satisfactory post-maintenance testing, the PASS and back-up sampling method is expected to be returned to operable status about August 13, 1985.

If you have any questions concerning the above, please give me a call.

Sincerely,

LBR
L. B. Russell

Plant Superintendent

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LBR/djw

cc: Director, Office of Management
Information and Program Control
Mr. A. E. Lundvall, Jr.
Mr. J. A. Tiernan

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