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BALTIMORE GAS AND ELECTRIC COMPANY

GAS AND ELECTRIC BUILDING
BALTIMORE, MARYLAND 21203

ARTHUR E. LUNDVALL, JR.
VICE PRESIDENT
SUPPLY

October 8, 1979

Mr. Boyce H. Grier, Director
Office of Inspection & Enforcement, Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Subject: Calvert Cliffs Nuclear Power Plant
Units Nos. 1 & 2, Dockets Nos. 50-317 & 50-318
IE Bulletin 79-13

- Reference: (1) Letter dated 6/25/79 from B. H. Grier to
A. E. Lundvall, Jr.
(2) Letter dated 7/16/79 from A. E. Lundvall, Jr.
to B. H. Grier.

Dear Mr. Grier:

The referenced NRC letter forwarded IE Bulletin 79-13, which requested that we provide (1) a schedule for conducting an inspection of the feedwater nozzles and piping for the Calvert Cliffs steam generators; (2) an assessment of the adequacy of our feedwater line break procedures; and (3) a description of the method and sensitivity of detecting feedwater leaks. Our response, reference (2), included a schedule for completion of all outstanding examinations on feedwater piping of both units as well as a summary of the results obtained from previously conducted inspections.

In the interest of minimizing radiation exposure to personnel and due to the absence of cracking in welds inspected previously, we propose a sampling technique for the inspection of main feedwater nozzle welds and main feedwater piping welds inside the Unit No. 2 containment.

Attached are two sketches showing the Unit No. 2 feedwater piping configuration inside containment. It is our intention to conduct a radiographic inspection of welds 1, 2, 6, 7, 10, 11 and 12 on the feedwater line to #21 steam generator and to conduct radiographic inspections of welds 18, 19 and 20 on the feedwater line to #22 steam generator. These welds were selected to encompass those welds which undergo the maximum stress as well as the feedwater nozzle welds.

If any one of the seven welds inspected on the feedwater line to #21 steam generator are found to be unacceptable, then all remaining welds on that line will be inspected as well as welds 1, 2, 16, and 17 on the feedwater line to #22 steam generator. If any weld on the feedwater line to #22 steam generator is found to be unacceptable, then all welds on that line will be inspected.

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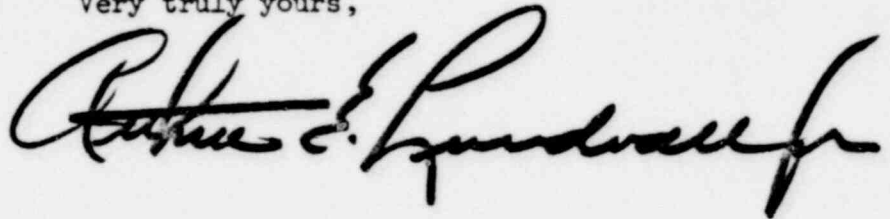
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The inspection of the feedwater piping shall be conducted by Southwest Research Institute, a company whose competence in this field has been proven through experience at many other nuclear facilities. A formal report of these inspections will be provided as required by paragraph 6 of the Bulletin.

Based on acceptance of this sampling procedure, we intend to conduct a similar inspection of the welds on the Unit No. 1 feedwater piping inside containment during the 1980 refueling outage.

As the Unit No. 2 refueling outage commences on the evening of Friday, October 12, 1979, we would appreciate a response to this proposed inspection plan prior to the shutdown of the unit.

Very truly yours,



cc: J. A. Biddison, Esquire
G. F. Trowbridge, Esquire
Mr. E. L. Conner, Jr. - NRC
Mr. J. W. Brothers - Bechtel
Mr. P. W. Kruse - CE

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