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October 23, 1981

ARTHUR E. LUNDVALL, JR.  
VICE PRESIDENT  
SUPPLY

Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attn: Mr. Darrell G. Eisenhut, Director  
Division of Licensing



Subject: Calvert Cliffs Nuclear Power Plant  
Units Nos. 1 & 2; Dockets Nos. 50-317 & 50-318  
Response to NUREG 0737

Reference: Letter from R. A. Clark to A. E. Lundvall, Jr. dated  
9/30/81, Status of NUREG 0737 Items II.F.1.1 & II.F.1.2

Gentlemen:

By this letter, we are reporting specific items in our TMI Action Plan response which will not be implemented on the schedule submitted by BG&E letters on this subject dated December 15 and 30, 1980, and July 3, 1981. The attachment to this letter provides revised and more detailed schedules together with an indication of progress to date.

Reference requested notification of any technical deviations from NRC positions on Action Items II.F.1.1 and II.F.1.2. We expect to comply with the NRC positions, but we are reevaluating to verify that no unanticipated deviations have been imposed by the hardware we have procured. We will notify you immediately if any requirement is not appropriately addressed.

Other systems which will be installed and tested within the original schedule may lack specified qualification. These items are included in our equipment qualification program and will be addressed through responses to Inspection and Enforcement Bulletin 79-01B. This allows a more orderly, efficient, and effective qualification program for equipment at our plant.

If any additional information is required, we would be pleased to provide it to you.

Very truly yours,

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cc: J. A. Biddison, Esquire  
G. F. Trowbridge, Esquire  
Messrs. D. Jaffe - NRC  
R. E. Architzel - NRC  
V. Stello - NRC

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## ATTACHMENT

### Item II.B.3 Post Accident Sampling System

At present, the sample skid is on site. Placement is scheduled in late October. Terminations, ductwork, and piping erection will continue through November for most equipment, but will extend through December for several solenoid valves scheduled for delivery on 11/30/81. Final installation, calibration and testing will carry through January 1982, and shielding will be installed by March 1982.

The items above must be completed serially. Testing schedules near the end of the year are extremely crowded, precluding an accelerated test program to complete this item before 1/1/82. We expect to be able to report completion of installation and testing by 3/1/82. If any further schedule changes are required, we will report them by 2/1/82.

### Item II.F.1.1 Noble Gas Stack Monitor

Tubing, conduits and skids are now being installed. This effort will be completed by mid-December 1981.

Detector calibration and testing will take approximately one month in each unit, so we will be finished by the end of February 1982. We expect to be able to report completion by 3/15/82. Any change to the above schedule will be reported by 2/1/82.

### Item II.F.1.2 Noble Gas Steam Effluent Monitor

Engineering for this item is nearly complete; however, unexpectedly long lead times for equipment delivery have imposed delays, the extent of which is still uncertain. We now expect to receive the detector shielding in early December and the detectors themselves in January. If these delivery dates are maintained, installation of the entire system in both units will take until early June. By staggering installation, testing and training for Unit 1 and 2, we expect to be able to report completion by 7/1/82.

### Item II.F.1.6 Containment Hydrogen Monitoring

Sequencing and recording equipment will not be delivered until early December. Because current Technical Specifications make implementation of this requirement impractical, a request for their modification has been submitted and must be approved before either existing H<sub>2</sub> analyzer is removed from service.

Item II.F.1.6            Containment Hydrogen Monitoring (continued)

Equipment installation and analyzer testing must be staggered to maintain continuous hydrogen monitoring capability. Installation includes extensive piping modifications and is expected to take more than four weeks. Testing and training will require several additional weeks per unit. We expect to report completion by 4/5/82.