



CHARLES CENTER • P. O. BOX 1475 • BALTIMORE, MARYLAND 21203

August 27, 1981

ARTHUR E. LUNDVALL, JR.  
VICE PRESIDENT  
SUPPLY

Mr. D. G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555



Subject: Calvert Cliffs Nuclear Power Plant  
Units Nos. 1 & 2, Dockets Nos. 50-317 & 50-318  
Operational Testing of the Automatic Halon 1301  
Fire Suppression System  
FCR Nos. 79-1024 & 80-1027

Dear Mr. Eisenhut:

Please refer to my letter of July 6, 1981 where the status of the fire suppression systems installed in the Cable Spreading Rooms and Switchgear Rooms was reported.

The systems in the Cable Spreading Rooms are functional but we continue to have difficulty in meeting the specifications for gas concentrations at selected test locations for the specified "soak" period. Modifications recommended by the system's vendor have been made and two additional tests conducted (July 6, 1981 and August 12, 1981). Each test demonstrated improved system performance after each modification, however, the results were not able to meet our exacting specifications for system performance. Our next test is scheduled for September 10, 1981. Please note that all Cable Spreading Room testing has been conducted on Unit 1. Upon successful testing in Unit 1, Unit 2 will have the same modifications installed and successful testing on the first attempt is expected.

We have met with somewhat better success in the Switchgear Rooms. Unit 1 Elevation (E1) 45' Switchgear Room was tested successfully on July 28, 1981. Unfortunately, the August 12, 1981 test of the E1 27' Switchgear Room was unsuccessful due to an equipment malfunction. Upon completion of equipment repairs, E1 27' Switchgear Room should test successfully, as it is similar to the E1 45' Switchgear Room. Unit 2 Switchgear Rooms will be tested upon successful Unit 1 testing.

Except during testing, modification, and repair, these total room flooding Fire Suppression Systems are functional as to fire detection and suppression. The only limitation is their inability to satisfy our concentration specifications for an extended time period.

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Based on the above information, we request an extension of the commitment dates as follows:

1. FCR 79-1024 - Halon Suppression Systems in the Cable Spreading Rooms, Unit 1, until October 1, 1981; Unit 2, until October 15, 1981.
2. FCR 80-1027 - Halon Suppression System in the Switchgear Rooms, Unit 1, until October 1, 1981; Unit 2, until October 15, 1981.

Very truly yours,



cc: J. A. Biddison, Esquire  
G. F. Trowbridge, Esquire  
Messrs. D. Jaffe - NRC  
R. E. Architzel, Resident Inspector, CCNPP