



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

ARTHUR E. LUNDVALL, JR.  
VICE PRESIDENT  
SUPPLY

July 16, 1982

Mr. Robert A. Clark, Chief  
Operating Reactors Branch #3  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

- References: (a) Letter from A. E. Lundvall, Jr. to  
R. A. Clark dated February 18, 1982  
(b) Letter from A. E. Lundvall, Jr. to  
R. A. Clark dated June 8, 1982  
(c) Letter from A. E. Lundvall, Jr. to  
R. A. Clark dated April 6, 1982  
(d) Letter from R. C. L. Olson to R. A.  
Clark dated April 29, 1982.

Dear Mr. Clark,

Enclosed is a list of bulletproof and watertight doors which are proposed for use as fire doors at Calvert Cliffs Nuclear Power Plant. The list was requested by Mr. R. Eberly (Nuclear Regulatory Commission) during a site visit on July 8, 1982. A report substantiating the suitability of these doors as fire doors was transmitted under reference (a).

Reference (b) indicated that hydraulic calculations to confirm the applicability (at CCNPP - Unit 2) of the Southwest Research Institute (SWRI) water curtain test results would be performed by July 30, 1982. Confirming verbal notification to Mr. D. H. Jaffe and Mr. R. Eberly, these calculations have been performed and are on record at Baltimore Gas and Electric Company. In no instance was system pressure found to be inadequate to support water curtains as tested by SWRI. All calculations were performed in accordance with the methods and guidelines established for the Unit 1 calculations (previously submitted under references (c) and (d).

If you have any questions, please do not hesitate to contact us.

Very truly yours

A. E. Lundvall, Jr.

cc: J. A. Biddison, Esquire  
G. F. Trowbridge, Esquire  
Mr. D. H. Jaffe - NRC

A001

Reference: Fire Evaluation of Doors and a Water Curtain, Jesse J. Beitel,  
Final Report SWRI Project No. 01-6763-201, Southwest Research  
Institute, San Antonio, Texas, February, 1982

Watertight and Bulletproof Doors Which Are to Act as Fire Rated

<u>Unit</u>	<u>Door Number</u>	<u>Between Rooms</u>	<u>Type of Door</u>
1	109	118 and 100 (west)	Watertight
1	110	118 and 100 (east)	Watertight
1	111	119 and 100 (west)	Watertight
1	112	119 and 100 (east)	Watertight
1	432	430 and 431	Bulletproof
2	102	101 and 100 (east)	Watertight
2	103	101 and 100 (west)	Watertight
2	104	102 and 100 (east)	Watertight
2	105	102 and 100 (west)	Watertight
2	408	406 and 407	Bulletproof