

JUL 26 1984

DCS MS-016

Docket Nos. 50-317
and 50-318

DISTRIBUTION:

~~Docket File~~

NRC PDR
ORB#3 RDG
DEisenhut
OELD
EJordan
JNGrace
DJaffe
ACRS (10)

Mr. A. E. Lundvall, Jr.
Vice President - Supply
Baltimore Gas & Electric Company
P. O. Box 1475
Baltimore, Maryland 21203

Dear Mr. Lundvall:

In your letter dated June 4, 1984, concerning the Shift Technical Advisor (STA) program at Calvert Cliffs Nuclear Power Plant, Baltimore Gas and Electric Company requested that NRC concur in plans to train and qualify six Senior Control Room Operators as Shift Technical Advisors (STA).

Your letter discussed NPC's letter from R. A. Clark to A. E. Lundvall, Jr., dated July 9, 1982, in which the NRC stated that all new hires into the Calvert Cliffs STA program should have a bachelor degree or the equivalent in a scientific or engineering discipline. NRC also stated that commercial nuclear plant operations experience is not sufficient for equivalency to a bachelor degree and that all new hires must also fully meet the training requirements specified in NUREG-0737 (Item I.A.1.1).

Our letter of July 9, 1982 clearly stated the NRC requirements for "...all new hires into the STA program." There was no intent to exempt all BG&E employees who were employed at the time of the July 9, 1982 letter. Any personnel entering the STA program at this time must be degreed or equivalent. Our position concerning STAs remains as follows:

Any new hires to the Calvert Cliffs STA program should meet the guidance set in NUREG-0737 which states that the STA shall have a bachelor degree or equivalent in a scientific or engineering discipline, and have received specific training in the response to and analysis of the plant for transients and accidents. Examples of equivalency options include:

- (1) Professional Engineer's license;
- (2) Successful completion of the Engineer-in-Training (EIT) examination;
- (3) Bachelor degree in engineering technology (BET) from an accredited institution, including course work in the physical, mathematical and engineering sciences;

8408070271 840726
PDR ADOCK 05000317
P PDR

Mr. A. E. Lundvall, Jr.

- 2 -

- (4) Bachelor degree in a physical science from an accredited institution, including course work in the physical, mathematical, and engineering sciences;
- (5) Successful completion of the technical portion of a bachelor degree in engineering from an accredited institution. The technical portion should be comprised of courses in the physical, mathematical, and engineering sciences.

Other equivalency options will be considered on a case-by-case basis.

Sincerely,

Original signed by:

James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing

cc: See next page

ORB#3:DL
PMKreutzer
7/24/84

R9H
ORB#3:DL
DJaffe:dd
7/25/84

pet
ORB#3:DL
JRMiller
7/26/84

Baltimore Gas and Electric Company

cc:

D. A. Brune, Esquire
General Counsel
Baltimore Gas and Electric Company
P. O. Box 1475
Baltimore, Maryland 21203

George F. Trowbridge, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, NW
Washington, DC 20036

Mr. R. C. L. Olson, Principal Engineer
Nuclear Licensing Analysis Unit
Baltimore Gas and Electric Company
Room 922 - G&E Building
P. O. Box 1475
Baltimore, Maryland 21203

Mr. Leon B. Russell
Plant Superintendent
Calvert Cliffs Nuclear Power Plant
Maryland Routes 2 and 4
Lusby, Maryland 20657

Bechtel Power Corporation
ATTN: Mr. J. C. Ventur
Calvert Cliffs Project
Engineer
15740 Shady Grove Road
Gaithersburg, Maryland 20760

Combustion Engineering, Inc.
ATTN: Mr. R. R. Mills, Manager
Engineering Services
P. O. Box 500
Windsor, Connecticut 06095

Mr. R. M. Douglass, Manager
Quality Assurance Department
Baltimore Gas and Electric Company
Fort Smallwood Road Complex
P. O. Box 1475
Baltimore, Maryland 21203

Mr. S. M. Davis, General Supervisor
Operations Quality Assurance
Calvert Cliffs Nuclear Power Plant
Maryland Routes 2 and 4
Lusby, Maryland 20657

Regional Administrator
Nuclear Regulatory Commission, Region I
Office of Executive Director for Operations
631 Park Avenue
King of Prussia, Pennsylvania 19406

Mr. William T. Bowen, President
Calvert County Board of County
Commissioners
Prince Frederick, Maryland 20768

U.S. Environmental Protection Agency
Region III Office
ATTN: Reg. Radiation Representative
Curtis Building (Sixth Floor)
6th and Walnut Streets
Philadelphia, Pennsylvania 19106

Mr. T. Foley
Resident Reactor Inspector
NRC Inspector and Enforcement
P. O. Box 437
Lusby, Maryland 20657

Mr. Charles B. Brinkman
Manager - Washington Nuclear Operations
Combustion Engineering, Inc.
7910 Woodmont Avenue
Bethesda, Maryland 20014

Mr. J. A. Tiernan, Manager
Nuclear Power Department
Calvert Cliffs Nuclear Power Plant
Maryland Routes 2 and 4
Lusby, Maryland 20657

Mr. M. E. Bowman, Principal Engineer
In-Core Fuel Management
Baltimore Gas & Electric Company
Calvert Cliffs Nuclear Power Plant
P. O. Box 1475
Baltimore, Maryland 21203

Mr. R. E. Denton, General Supervisor
Training & Technical Services
Calvert Cliffs Nuclear Power Plant
Maryland Routes 2 and 4
Lusby, Maryland 20657

Administrator, Power Plant Siting Program
Energy and Coastal Zone Administration
Department of Natural Resources
Tawes State Office Building
Annapolis, Maryland 21204