



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

March 27, 1986

Docket Nos. 50-317
50-318

MEMORANDUM FOR: Ashok C. Thadani, Director
PWR Project Directorate #8
Division of PWR Licensing-B

FROM: D. H. Jaffe, Project Manager
PWR Project Directorate #8
Division of PWR Licensing-B

SUBJECT: SUMMARY OF MEETING HELD ON MARCH 10, 1986 WITH
BALTIMORE GAS AND ELECTRIC COMPANY (BG&E)

On March 10, 1986, representatives of BG&E and the NRC staff met in Room P-422 in the Phillips Building, Bethesda, Maryland. A list of attendees is shown in Enclosure 1. The purpose of the meeting was to resolve differences between BG&E and the NRC staff concerning Technical Specifications (TS) for the reactor coolant system high point vents (HPVs).

The NRC staff indicated that the most significant difference between the NRC staff and BG&E on the HPV TS was the extent to which the pressurizer power-operated relief valves (PORVs) could be used as a backup to the HPVs. BG&E made a presentation concerning the extent to which the PORVs met the design criteria for HPVs as described in NUREG-0737, "Classification of TMI Action Plan Requirements," November 1980. During discussions concerning power supplies for the PORVs, the NRC staff requested detailed information on the HPV power supplies. BG&E agreed to provide this information together with a written summary of their presentation.

BG&E and the NRC staff discussed the repair of inoperable HPVs. BG&E had proposed that the inoperable HPVs be repaired while in Cold Shutdown. The NRC staff expressed the need to repair the valves in Hot Shutdown; BG&E agreed to explore this option.

Following a caucus by the NRC staff, the following NRC position was presented:

- ° In the event that the reactor vessel HPV becomes inoperable and cannot be restored to operability, the reactor should be shut down.
- ° The PORV block valve should also be demonstrated operable when the PORV is acting as a backup to the pressurizer HPV.


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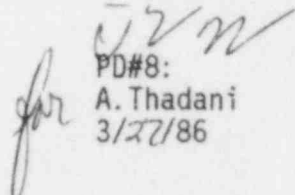
- An inoperable pressurizer HPV should be repaired during the first hot shutdown occurring more than 30 days after the HPV becomes inoperable.
- Operability of the HPVs during Modes 1 and 2 is acceptable. There is no need for the HPVs to be opened during Modes 1 and 2 as originally proposed.
- The PORVs can backup the HPVs to the extent shown in the matrix of Enclosure 2.

BG&E agreed to supplement their submittal concerning the Calvert Cliffs HPVs by April 10, 1986.

D. H. Jaffe, Project Manager
PWR Project Directorate #8
Division of PWR Licensing-B

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Mr. J. A. Tiernan
Baltimore Gas & Electric Company

Calvert Cliffs Nuclear Power Plant

cc:

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ENCLOSURE 1
List of Attendees

NRC

D. H. Jaffe
Norm Lauben
Cecil Thomas
G. A. Schwenk

BG&E

M. E. Bowman
M. T. Finley
W. P. McCaughey
J. R. Lemons
L. E. Salyards

ENCLOSURE 2
NRC Position Concerning
HPV/PORV Backup Capability

PRZR HPV	One PORV	Head Vent	NRC Position
X	X	0	3 ⁿ days
0	X	X	30 days
X	0	0	Next hot shut- down > 30 days
X	X	X	72 hours
X	0	X	72 hours
0	0	X	30 days

0 = Operable
X = Inoperable

MEETING SUMMARY DISTRIBUTION

Licensee: Baltimore Gas and Electric Company

*Copies also sent to those people on service (cc) list for subject plant(s).

Docket File

NRC PDR

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NRC Participants

N. Lauben

C. Thomas

G. Schwenk