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February 13, 1984

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MANAGER  
NUCLEAR POWER DEPARTMENT

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

ATTENTION: Mr. James R. Miller, Chief  
Operating Reactors, Branch #3

SUBJECT: CEA Position Indication Problems at Calvert Cliffs

REFERENCE: (a) Telephone Conversation between Mr. D. H. Jaffe, NRC and  
Mr. L. E. Salyards, BG&E, on January 20, 1984  
(b) LER 50-317/83-08, Revision 1 dated January 26, 1984  
(c) LER 50-317/83-26, Revision 1 dated January 26, 1984  
(d) LER 50-317/83-36, Revision 1 dated January 26, 1984  
(e) LER 50-317/83-43, Revision 1 dated January 26, 1984

Gentlemen:

This letter is being forwarded as requested by Reference (a). It is our understanding that you require additional information relating to the recent failures of the CEA Reed Switch Position Indicators at Calvert Cliffs. The following addresses the specific questions forwarded in Reference (a).

1. Provide a description of your understanding of the problems with the Reed Switch Stacks.

The failure modes of the Unit 1 Reed Switch Position Indicators have been determined by the NSSS Supplier. These failure modes were described in references (b) through (e).

2. Describe your corrective actions taken to address this problem to date.

The corrective actions taken to date on Unit 1 are described in references (b) through (e).

3. Provide a commitment and description of future actions planned to address the problems.

References (b) through (e) described the actions taken during the last refueling outage for Unit 1, which occurred in late 1983. During the upcoming Unit 2 refueling scheduled to begin in April 1984, the same actions are planned for Unit 2, (i.e., the failed Reed Switch Stack Position Transmitters will be removed and sent to the vendor for inspection and repair.) If the Reed Switch Stacks exhibit the same

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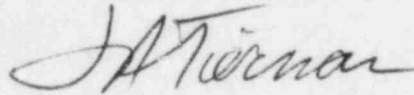
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problems as the Unit 1 Transmitters, or other deficiencies they will be repaired as described in references (b) through (e). The above actions will be completed as soon as time and parts availability permit.

In summary, if the requested change to the Technical Specifications on CEA position indication is processed, we will continue to aggressively pursue resolution of the problems with the CEA Reed Switch Stacks.

Should you have any additional questions regarding these matters, please do not hesitate to contact us.

Very truly yours,



JAT/LES/gla

cc: L. B. Russell/J. T. Carroll  
R. E. Denton/D. W. Latham  
J. M. Moreira/R. B. Sydnor  
File