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SHIELDS L. DALTROFF
VICE PRESIDENT
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July 20, 1979

Re: Docket Nos.: 50-277
50-278

IE Bulletin 79-01A

Mr. Boyce H. Grier, Director
Office of Inspection & Enforcement
Region I
United States Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Dear Mr. Grier:

This letter is in response to IE Bulletin 79-01A, which you forwarded to us on June 6, 1979, concerning the deficiencies in the environmental qualification of ASCO solenoid valves. The "Action to be Taken by Licensees" and our responses are treated sequentially. Additionally, this letter includes a supplement to our response to IE Bulletin 79-01 dated June 13, 1979.

Action to Be Taken By Licensee

1. Determine whether or not ASCO solenoid valves are used or planned for use in safety-related systems at your facility(ies).

Response

ASCO solenoid valves are used in safety-related systems at Peach Bottom Atomic Power Station Units 2 and 3.

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2. If such valves are used or planned for use, identify the safety system involved and determine that: (a) valves which could be subjected to a LOCA environment are qualified to that environment. Specifically that no parts made of acetal plastic or Buna "N" materials or Class "A", "B", or "F" solenoid coils are used in such valves; (b) a preventative maintenance program is being conducted such that the solenoid coil, the manual operator (if applicable), and the resilient parts of the valve are being replaced in accordance with the time period established by the manufacturer and documented as the qualified life of the assembled component.

Response

The eight ASCO solenoid valves used inside containment on Units 2 and 3 in the following safety-related applications have been qualified for a LOCA environment:

Main Steam Safety-Relief Valves (four valves)
Main Steam Sample Line Isolation Valve (two valves)
Reactor Recirculation Sample Line Isolation Valve (two valves)

- a) The environmental qualification for the four ASCO solenoid valves used on the Main Steam Safety-Relief Valves (Unit 3 only) is documented in General Electric Company Plant Equipment Design Engineering Memorandum No. 126-26. The environmental qualification for the four ASCO solenoid valves used for the Main Steam and Reactor Recirculation Sample Line Isolation Valves (Units 2 and 3) has been confirmed by ASCO. Bulletin 79-01 review summary items 1, 2 and 18 contain the required qualification information.

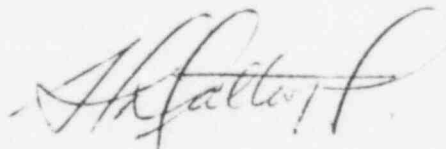
These ASCO valves do, however, use Buna-N gasket material. In order to comply with IE Bulletin 79-01A, all eight valves will be modified or replaced. The replacement parts and/or valves will be obtained as expeditiously as possible and will be installed on each unit during the first outage that containment is accessible.

- b) A preventive maintenance program will be developed in accordance with manufacturer recommendations and required documentation will be maintained.

SUPPLEMENT TO BULLETIN 79-01

The following information is provided as a supplemental response to Item 2 under "Action to be Taken by Licensees" in IE Bulletin 79-01. Our response to Item 2 in IE Bulletin 79-01 states that "the Main Steam Isolation Valve limit switches associated with the control room indication are not considered safety-related equipment and, therefore, Peach Bottom Atomic Power Station indication circuits were not designed for post accident monitoring." After reconsideration of the importance of MSIV position indication, it has been decided to replace the existing limit switches with environmentally qualified switches. A purchase order for qualified switches has been initiated. Subsequent to receipt of the new switches, the switches outside of containment will be replaced during the first outage on each unit and the switches inside containment will be replaced during the first outage on each unit that containment is accessible.

If you require any additional information or have any questions, please do not hesitate to contact us.



cc: United States Nuclear Regulatory Commission
Office of Inspection & Enforcement
Division of Reactor Operations Inspection
Washington, DC 20555

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