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October 20, 1980
RJT #80-410

Mr. Boyce H. Grier, Director
Office of Inspection & Enforcement
Region 1
Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

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DISTRIBUTION SERVICES
BRANCH
U.S. NRC
DISTRIBUTION
SERVICES UNIT

Subject: LICENSEE EVENT REPORT NO. 80-18

Dear Mr. Grier:

Re: Operating Licensee DPR-50
Docket 50-289

This telecopy is to confirm the conversation between Mr. D. R. Haverkamp, Region 1 NRC, and A. S. Harbin, Technical Analyst, and P. Levine, Electrical Engineer, TMI-1 at 1615 hours on October 17, 1980.

It has been determined that the replacement coils being installed in response to IE Bulletin 79-01A are rated at 120 V DC with a normal operating range of 102 to 126 volts. The station battery voltage ranges from 107 to 137 volts. The coils could potentially fail if they were maintained at voltages above their normal operating range.

ASCO Solenoid Valves (model HT 8300B7RF) are used on 11 outside containment isolation valves which use ASCO solenoids for pilot operators. ASCO model HT 8300B7RF maximum safe working pressure is 75 psi. The instrument air which supplies the ASCO solenoid valves is 85 to 95 psi. This overpressurization could affect the solenoid valves' performance, potentially preventing the containment isolation valve from performing as designed.

These problems are considered reportable per Technical Specification paragraph 6.9.2 A (9).

Corrective action to resolve this issue will be described in the follow up report.

R. J. Toole
R. J. Toole
Manager - TMI Unit 1

RJT:BSH:PAL:pas

cc: J. T. Collins
D. R. Haverkamp

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