



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

March 29, 1984

Docket No. 50-289

Mr. Henry D. Hukill, Vice President
and Director - TMI-1
GPU Nuclear Corporation
P. O. Box 480
Middletown, Pennsylvania 17057

Dear Mr. Hukill:

On March 20-21, 1984, NRC staff members visited GPU Nuclear headquarters in Parsippany, NJ to audit the environmental qualification files for the Three Mile Island, Unit 1 emergency feedwater (EFW) system components that are subject to 10 CFR 50.49. Our assessment of the audit results is continuing and will be addressed in future correspondence. However, of immediate interest is GPU Nuclear Technical Data Report No. 250, Revision 1 "Review of Intermediate Building Flooding Following a Feedwater Line Break in the Intermediate Building of TMI-1", dated January 9, 1984. That report seems to indicate that it may not be possible to mitigate Intermediate Building flooding from a main feedwater line break before the flood level reaches the lowest Intermediate Building safety-related system and/or electrical equipment important to safety. Thus, qualification for submergence may be appropriate. Therefore, we request that you respond to the enclosed request for additional information within 14 days of the date of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

John F. Stolz
John F. Stolz, Chief
Operating Reactors Branch No. 4
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

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Three Mile Island, Unit 1
Request for Additional Information
GPU Nuclear Technical Data Report 250, Revision 1

1. What is the affect on safety-related systems and electrical equipment important to safety (including EFWS) from a design-basis (break locations postulated per Giambuso criteria) main feedwater line break in the intermediate bldg.?

Include a discussion of the mitigation capability including time for operator action, indication of the break, and systems available to trip main feedwater or otherwise terminate the blowdown.

2. If the above review cannot show that adequate protection for electrical equipment important to safety against flooding (within the design basis) has been provided for restart, then GPU shall propose an alternative fix for restart or provide justification for interim operation per 10 CFR 50.49(i).

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