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Writer's Direct Dial Number:

November 30, 1983
5211-83-324

Office of Nuclear Reactor Regulation
Attn: John F. Stolz, Chief
Operating Reactor Branch No. 4
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Fire Proof Cable Development and Test Program

Reference: NRC Letter, from J. Van Vliet to GPU Nuclear Corporation
"GPU Nuclear/Rockbestos Fire Proof Cable Development and
Test Program" Dated August 24, 1983.

As a result of a meeting with the NRC on August 5, 1983, (reference 1), we have revised the Cable Development and Test Program to incorporate the staff's concerns and tailor the program with ASTM-E119 (Standard Methods for Fire Tests of Building Construction and Materials) and plant specific requirements. Enclosed is a draft copy of "Fire Proof Cable Development and Test Program" for your review and comments.

This draft resolves all the questions raised by the staff during the August 5th meeting and also provides the preliminary cable configuration for the oven test. The program details the test parameters and the bounding conditions for the cable for specific usage.

Appendix - A to this report draws a parallel between ASTM-E-119-82 Fire Test and the proposed GPUN/Rockbestos Cable Fire Test.

GPUN intends to use this cable in lieu of the proposed 1 hour fire barrier in a location where:

- a) Fire detection and suppression system protects that location, or
- b) where damaged redundant cable can be replaced within 72 hours.

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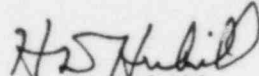
Mr. John F. Stolz

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It is requested that the NRC review this report and provide comments by December 30, 1983 so that GPUN/Rockbestos can proceed to cable testing by the first quarter of 1984.

Sincerely,


H. D. Hukill
Director, TMI-1

HDH:MI:vjf

Enclosures

cc: J. Van Vliet