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Writer's Direct Dial Number

September 11, 1981
L1L 248

Office of Nuclear Reactor Regulation
Attn: John F. Stolz, Chief
Division of Licensing
Operating Reactors 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
ACRS Open Items

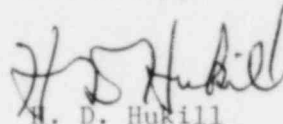
In response to your letter of February 11, 1981 concerning Advisory Committee on Reactor Safeguards (ACRS) open items from the meeting of December 4-6, 1980, please be advised that those items were addressed during the ACRS Subcommittee meeting of June 25, 1981 and the ACRS Full Committee meeting of July 10, 1981. In addition, the following information is provided to assist in your efforts in developing a response to the ACRS letter of July 14, 1981.

1. Inadequate Core Cooling (ICC) - On August 10, 1981 representatives of GPUN met with members of the NRC staff to discuss the GPUN program for evaluation/use of suitable ICC monitoring instrumentation including water level. The essence of the GPUN program was addressed in our letter to the NRC of August 26, 1981 (L1L 247).
2. Company Studies
 - a. Reliability Assessment - A Probabilistic Risk Assessment (PRA) for TMI-1 to assist management in prioritizing safety improvements and increasing unit availability is scheduled to begin the end of this year. This initial part of the study will take approximately 12 months with follow-up studies anticipated.
 - b. Loss of DC Power - The TMI-1 DC Power System has been reviewed against NUREG C666, and we have concluded that the TMI-1 system with recent modification is significantly more reliable than that predicted in the report. Documentation of our procedure changes and modifications and our assessment of the improvements will be sent to the NRC by November 1, 1981.

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- c. ECCS Outage Times - Our submittal on ECSS outage times was sent to the NRC on September 4, 1981 (LIL 243).
3. Startup and Test Program - We met with representatives of the NRC at TMI-1 on July 23, 1981. A number of questions were discussed and draft responses were given. Formal responses will be submitted in early September, which should provide the balance of the programmatic information necessary for the staff review of the TMI-1 Startup and Test Program.

Sincerely,



W. D. Hukill
Director, TMI-1

HDH:LWH:vjf