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Writer's Direct Dial Number

October 16, 1979
GQL 1265

Director of Nuclear Reactor Regulation
Attn: R. W. Reid, Chief
Operating Reactors Branch, No. 4
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Three Mile Island Nuclear Station, Unit 2
Operating License No. DPR-50
Docket No. 50-289
Fire Protection

At the present time Met-Ed considers eight items in Table 3.1, of the Fire Protection Safety Evaluation Report, to be outstanding. These items are to be completed by the dates associated with them in the attached Table 3.1. All other items in Table 3.1 are either completed or considered unnecessary, based on previous submittals. Any change to the designs of components or systems which have been submitted will have an adverse effect upon the scheduled completion date for the outstanding items. Additionally, any review causing a reversal of Met-Ed's plans to delete the items listed as such would have an adverse effect on the attached schedule.

Below are lists of previous submittals grouped according to the open item which they address. Met-Ed request concurrence with the work described and the conclusions reached in these submittals.

Item 3.1.1 in Table 3.1 concerned fire detectors. GQL 2070 (12-28-78) listed the results of several studies, one of which stated that the presently installed circuits and the proposed detection system shall meet the requirements for Class B supervision as defined by NFPA 72D. Based on this letter, no further modifications to the detection systems are deemed necessary. GQL 0393 (3-16-79) submitted proposed location for fire detectors at TMI-1. GQL 0681 (5-18-79) requested concurrence with deleting four detectors listed in GQL 0393. GQL 885 (7-11-79) requested Commission approval of the design of the fire detection system and concurrence with our position on the detection system which was attached to that letter.

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Items 3.1.2 and 3.1.20 of Table 3.1 concerned Manual Hose Stations and Backup Manual Hose Coverage. GQL 1621 (10-24-78) requested Commission review of planned modifications to the TMI-1 fire service water piping. GQL 842 (7-5-79) submitted information on interior hose stations.

Items 3.1.3 concerned Automatic Water Spray Systems. At this time we have no submittals awaiting Commission concurrence.

Item 3.1.5 concerned the Halon Extinguishing System in the Computer Room. At this time we have no submittals awaiting Commission concurrence.

Item 3.1.7 concerned fire dampers. At this time we have no submittals awaiting Commission concurrence.

Item 3.1.8 concerned fire doors, GQL 1919 (12-1-78) requested Commission concurrence with respect to the action we planned to take for doors not carrying a UL A label or for those doors not having sufficient documentation. GQL 0713 (6-7-79) requested Commission concurrence with respect to action delineated in the letter.

Item 3.1.21 concerned TMI-1 alternate shutdown capability. GQL 1585 (9-29-78) submitted justification for extending the completion date for this item until end-of-refueling 1981. GQL 894 (7-13-79) stated the design for this item would be submitted by September 30, 1979. Met-Ed has suggested revised date of December 15, 1979 to submit a design for an alternate shutdown station.

Other letters we request Commission concurrence on, which are not related to any of the outstanding items in Table 3.1, include the following:

GQL 1004 (8-27-79) requested approval of the Reactor Coolant Pump Oil Splash Shield. In addition, Met-Ed considered Items 3.1.10 - Thermal Insulation on Valves, and 3.1.6 - Curbs in Reactor Building, to be unnecessary based on Commission approval of GQL 1004. The combination of the RCP Oil Splash Shield, the Detector System, and the Reactor Building Hose Stations should adequately protect the valves from failure due to an exposure fire.

GQL 1097 (8-27-79) requested deletion of Item 3.1.11 based on a reanalysis showing the unit could achieve safe shutdown without valves RR-V4A, B, C and D, and the installation of a fire detection system in the valve area.

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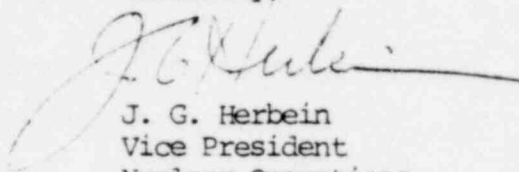
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GQL 1164 (9-14-79) requested Commission concurrence with the test results performed per Item 3.2.2, Cable Separation.

Met-Ed wishes the Commission to note that we have a led detectors in the Fuel Handling Building in addition to those listed in GQL 0393. A letter describing the location of these detectors will be submitted shortly.

In conclusion, we would like to reiterate that any change to conclusions stated in the letters listed above or major design changes already submitted, would have an adverse affect on the new completion dates listed in the attached Table 3.1.

Sincerely,



J. G. Herbein
Vice President
Nuclear-Operations

JGH:DGM:mrm
Attachment

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TABLE 3.1
IMPLEMENTATION DATE FOR MODIFICATIONS

<u>ITEMS</u>		<u>DATE</u>
3.1.1	Fire Detectors	8-1 -80
3.1.2	Manual Hose Stations	7-15-80
3.1.3	Automatic Water Spray System	7-15-80
3.1.4	Automatic Sprinkler Systems or Coatings or Electrical Cables	Not Required
3.1.5	Halon Extinguishing System in Computer Room	2-20-80
3.1.6	Curbs in Reactor Building	Not Required
3.1.7	Fire Dampers	9-30-80
3.1.8	Fire Doors	4-30-80
3.1.9	Fire Barrier Penetrations	Completed
3.1.10	Thermal Insulation on Valves	Not Required
3.1.11	Fire Barriers at Reactor Building Emergency Cooling Valves	Not Required
3.1.12	Fire Water Valve Seals	Completed
3.1.13	Reactor Coolant Pump Lube Oil Collection System	Completed
3.1.14	Separation of Computer Room from Control Room	Completed
3.1.15	Electrical Cable Penetration Seals	Completed
3.1.16	Battery Room Ventilation Air Flow Monitor	Completed
3.1.17	Fire Fighting Plans	Completed
3.1.18	Smoking	Completed
3.1.19	Control of Combustibles	Completed
3.1.20	Backup Manual Hose Coverage	7-15-80
3.1.21	Alternate Shutdown Capability	5-30-81
3.1.22	Brigade Training	Completed
3.1.23	Communication Cable Penetrations	Completed

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