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Writer's Direct Dial Number

October 14, 1980
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Office 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 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289

Modifications to Technical Specification Change Request No. 77A

Based on telephone conferences with Mr. D. DiIanni and other NRC representatives and Messrs. R. Summer and D. Mitchell of my staff, the following modifications to Technical Specification Change Request No. 77A are requested. The arrangement for the second item is slightly changed from what was discussed.

1. The following statement is to be added to specification 3.9.1.2:

The report of each completed tendon surveillance will include a section dealing with trends for the rate of prestress loss as compared to the predicted rate for the duration of the plant life (after an adequate number of surveillances have been completed). This report will be submitted to the NRC per specification 6.9.3.A(1).

2. The following statement is to be added to 4.4.2.1.3:

The containment surfaces inspection shall include the reexamination of all significant abnormalities (e.g. concrete scaling, cracking, grease leakage, etc.) discovered in the previous inspection to determine whether conditions have stabilized. The inspection program shall be modified accordingly if obvious deteriorating conditions are observed.

3. The following specification is to be added:

4.4.2.1 Inspection for Crack Growth at Dome Tendons in the Ring Girder Anchoring Areas

Concrete around the dome tendon anchoring areas shall be inspected for crack growth during the 10 and 15 year inspections, by monitoring cracks greater than 0.005 inches in width. Select as a minimum, nine dome tendons anchoring areas giving preference to areas having cracks greater than 0.005 inches in width. The width, depth (if depth can be

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measured with simple existing plant instruments, i.e., feeler gauges, wire), and length of the selected cracks shall be measured and mapped by charting. This inspection may be discontinued if the concrete cracks show no sign of growth. If, however, the inspections indicate crack growth, an investigation of the cause and safety impacts should be performed.

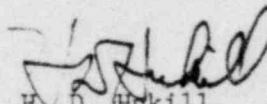
4. Change the wording of the introduction to section 4.4.2.1.1 to read as follows:

4.4.2.1.1 Containment Tendons

Tendon surveillance was completed for one year, three years and five years following the initial structural integrity using a Tech. Spec. based on Regulatory Guide 1.35 Rev. 1. The containment tendons structural integrity shall be demonstrated at the end of ten years following the initial containment structural integrity test and at five year intervals thereafter by:

Based on our review, Met-Ed finds these changes acceptable for inclusion with our TSCR No. 77A.

Sincerely,


H. D. Hickill
Director, TMI-1

HDE:SGM:lma

cc: J. J. Snyder
J. T. Collins
B. H. Grier
D. DiIanni
H. Silver