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September 1, 1994
C311-94-2118

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Dear Sir:

Subject: Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-50
Docket No. 50-320
PDMS Quarterly Report

The purpose of this letter is to provide the NRC a summary of the activities at TMI-2 during the second quarter of 1994. During the second quarter of 1994, GPU Nuclear completed the final portions of the modification of the TMI-2 electrical supply and distribution system and modifications to the TMI-2 cork seal were completed. In addition, the TMI-2 Turbine Building overhead crane was repaired and returned to service. The quarterly surveillance of the TMI-2 Reactor Building was performed on June 22, 1994. No adverse trends of radiological conditions were identified during the inspection. The next inspection of the TMI-2 Reactor Building is scheduled for September 1994.

The reactor vessel temperature monitoring system reported the reactor building temperatures ranged from 46.5°F on April 1, 1994, to 73°F on June 30, 1994, in correlation with the rise in reactor building air temperature from 53.8°F to 83.8°F during the same time period. The largest temperature difference between the reactor building and the reactor vessel occurred on June 24, 1994 when the reactor vessel temperature was 71.1°F while the reactor building temperature was 82.2°F.

Please contact John S. Schork, TMI Licensing Engineer, if you have any questions regarding this information.

Sincerely,

T. G. Broughton
Vice President and Director, TMI

JSS/mkk

Attachment

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cc: M. G. Evans - TMI Senior Resident Inspector
T. T. Martin - Administrator, Region I
M. T. Masnik - Project Manager, PDNP Directorate
L. H. Ihonius - TMI Project Manager