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April 12, 1995
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U. S. Nuclear Regulatory Commission
Att: Document Control Desk
Washington, DC 20555

Gentlemen:

Subject: Three Mile Island Nuclear Generating Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Cycle 10 Core Operating Limits Report, Revision 1

Pursuant to TMI-1 Technical Specification Section 6.9.5.4, enclosed is a copy of the Cycle 10 Core Operating Limits Report (COLR), Revision 1. This revision incorporates reductions in the Loss-of-Coolant Accident (LOCA) - Limited Maximum Allowable Linear Heat Rate (MALHR) limits at the 2-foot level for Mk-B9 and Mk-B8 fuel to address non-conservatism in the Babcock and Wilcox Nuclear Technology (BWNT) NRC-approved LOCA Evaluation Model. This change does not effect the TMI-1 core operating limits contained in the COLR (tilt, imbalance or rod index). This revision also replaces the overly conservative set of Core Monitoring System (CMS) kW/ft monitoring limits administratively installed at the beginning of Cycle 10 with the original limits proposed by Babcock and Wilcox Fuel Company (BWFC). These limits have been adjusted by the kW/ft reductions described above. This change will avoid unwarranted alarms in the Control Room during transients.

The cycle-specific core operating limits contained in this report have been determined in accordance with Technical Specification 6.9.5.

If additional information is required, please contact us.

Sincerely,

T. G. Broughton,
Vice President and Director, TMI

Enclosure
DJD/plp

c: Administrator, Region I
TMI Senior Resident Inspector
NRC Senior Project Manager, TMI-1

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