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April 21, 2010
TMI-10-033

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Three Mile Island, Unit 1 (TMI Unit 1)
Renewed Facility Operating License No. DPR-50
NRC Docket No. 50-289

Subject: Cycle 17 Refueling (T1R18) Inservice Inspection (ISI) Summary Report

Submittal of the Owner's Data Reports for Inservice Inspections is required by the American Society of Mechanical Engineers (ASME) Code, Section XI. Enclosure 1, "Form NIS-1 Owner's Report for Inservice Inspections" covers the ISI and replacement steam generator eddy current examinations conducted between November 16, 2007 and January 24, 2010. The report includes the Third ISI Interval examinations performed in accordance with the ASME Code, Section XI, 1995 Edition with addenda through 1996 for Class 1 and 2 components and their supports.

Enclosure 2, "Form NIS-2 Owner's Report for Repairs or Replacements," includes the Class 1 and 2 NIS-2 Forms completed since January 31, 2008.

Enclosure 3, "Topical Report Number 203, "35th Year Reactor Building Tendon Surveillance (Period 9)", Revision 0" provides a report on the inspection results of the Post-Tensioning System and containment surface. These activities were performed in accordance with ASME Section XI, Subsection IWL, and Technical Specification 4.4.2. The report is required, by Technical Specification 4.4.2.1.6, to be submitted to the NRC within 3 months of completion.

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No new regulatory commitments are established by this submittal. If any additional information is needed, please contact David Atherholt at (717) 948-8364.

Respectfully,

Richard W. Libra
Acting Plant Manager

Enclosure 1 –	TMI Unit 1 T1R18 Outage ASME Code Section XI Inservice Inspection (ISI) "Form NIS-1 Owner's Report for Inservice Inspections"
Enclosure 2 -	TMI Unit 1 "Form NIS-2 Owner's Report for Repairs or Replacements"
Enclosure 3 -	Topical Report Number 203, "35th Year Reactor Building Tendon Surveillance (Period 9)"

cc: S. J. Collins, USNRC Administrator, Region I
P. Bamford, USNRC Project Manager, TMI Unit 1
D. M. Kern, USNRC Senior NRC Resident Inspector, TMI Unit 1