

March 3, 2003

MEMORANDUM TO: Richard J. Laufer, Chief, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Timothy G. Colburn, Senior Project Manager, Section 1 */RA/*
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) FAXED TO THE
LICENSEE RE: THREE MILE ISLAND NUCLEAR STATION, UNIT-1
(TMI-1), INTEGRATED LEAK RATE TEST (ILRT) EXTENSION
REQUEST (TAC NO. MB6487)

The attached questions have been faxed to the TMI-1 licensee regarding the licensee's request for ILRT extension. These questions will be discussed with the licensee during a conference call tentatively set for the week of February 17, 2003. A formal RAI will follow.

Docket No. 50-289

Attachment: As stated

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DATE	2/20/03	2/20/03	2/24/03

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QUESTIONS FOR UPCOMING PHONE CALL WITH TMI-1

REGARDING INTEGRATED LEAK RATE TEST (ILRT) EXTENSION REQUEST

1. Please provide specifics on what is the accessible surface of the liner that was examined. Sketches or drawings would be helpful.
2. Please provide specifics on exam results including nondestructible exam data (surface and volumetric), trending information on corrosion and wall thickness measurements especially in the area of the moisture barrier interface.
3. Please provide any other specific data and supporting information that the licensee may have used to conclude that there is no thinning of the liner and that the concrete interface is intact in all locations.
4. Inspections of some reinforced and steel containments (e.g., North Anna, Brunswick, D. C. Cook, and Oyster Creek) have indicated degradation from the uninspectable (embedded) side of the steel shell and liner of primary containments. The major uninspectable areas of the TMI-1 containment include the portion of the steel shell embedded in the basemat and the inaccessible areas between the steel liner and concrete containment. Please provide a quantitative assessment of the impact on large early release frequency due to age-related degradation in these areas, in support of the requested ILRT interval extension from 10 to 15 years.