

February 1, 2002

MEMORANDUM TO: Joel T. Munday, Acting 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
Project Directorate I **/RA/**
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FAXED TO THE
LICENSEE RE: TMI-1 THIRD 10-YEAR INTERVAL INSERVICE
INSPECTION RELIEF REQUESTS (TAC NO. MB2839)

The technical review staff e-mailed me the attached questions which were faxed to the licensee on January 23, 2002, regarding the NRC staff's review of the licensee's application dated August 2, 2001. These questions are to be discussed with the licensee on January 31, 2002, prior to initiating a formal request for additional information, in order to determine whether the information requested has been previously placed on the docket. This memo documents the questions faxed to the licensee.

Docket No. 50-289

Attachment: As stated

CONTACT: Timothy G. Colburn, NRR
(301) 415-1402

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| DATE | 1/29/02 | 1/29/02 | 1/30/02 |

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REQUEST FOR ADDITIONAL INFORMATION
THREE MILE ISLAND, UNIT 1, THIRD 10-YEAR INTERVAL
INSERVICE INSPECTION RELIEF REQUESTS

RR-00-01

The licensee needs to develop and apply Appendix VIII type rules for performance demonstration. How will the techniques demonstrated by B&W be reconciled with the Appendix VIII type requirements? What assurance is there that surface flaws will be detected? What types/directions of flaws will the instrument and procedures be capable of detecting?

RR-00-03

For the letdown coolers longitudinal welds, the Code requires the examination of 1 foot of longitudinal weld intersecting the circumferential weld?

What is the approximate length of the longitudinal weld that the licensee is able to examine? Why can't the licensee examine additional longitudinal welds and/or both coolers?

Provide a drawing(s) showing welds and identify accessible areas. What percentage of the required 1 foot are you able to obtain on one cooler?

What was examined in the first and second ISI intervals? Where there any unacceptable indications? What percentage of the required examination was attained?

Are there other examinations performed that help justify that the proposed inspection provides reasonable assurance of structural integrity?

RR-00-05

What assurance is there that only surface flaws would develop in service?

RR-00-06

How much of the support skirt is accessible? What were the results of the last interval inspection? How does the proposed alternative provide reasonable assurance of structural integrity?

RR-00-07

Code Case N-546 is listed in the Draft Regulatory Guide DG-1091 which is out for public comment. The DG-1091 lists three conditions for the use of Code Case N-546. Please incorporate the three conditions. Should resolution of the public comments change the conditions the licensee will be expected to follow the requirements in the Code Case and any additional requirements listed in the future revision to Regulatory Guide 1.147.

RR-00-08

Initially the licensee references Class 1 and Class 2 under the heading of COMPONENT IDENTIFICATION. In the proposed alternative the licensee references only Class 1 systems. Will the alternative be applied to only Class 1 or to Class 1 and Class 2. (Code Case N-533-1 with a condition is also referenced in the Draft Regulatory Guide DG-1091)

RR-00-11

The alternative should be drafted in terms of Code Case-566-1 (Vogtle SER dated 5/4/2001)

RR-00-13

Rewrite in terms of CC N-598. (See SER for Vogtle dated 5/4/2001).
Licensee's proposed alternative did not address Table IWD.2412-1