

10 CFR 50.55a

May 3, 2005
5928-05-20102

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

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

Subject: Additional Information Regarding Kinetic Expansion Inspection and Repair Criteria

Reference: 1) AmerGen Energy Company, LLC letter to NRC, dated August 16, 2004
(5928-04-20141), "Additional Information Regarding Kinetic Expansion
Inspection and Repair Criteria."

In Reference 1, AmerGen Energy Company, LLC (AmerGen) provided the updated inspection acceptance criteria and updated leakage assessment methodology for the TMI Unit 1 once-through steam generator kinetic expansion examinations. This information was submitted for the NRC's review and acceptance in accordance with Section IWB-3630 of ASME Code Section XI. As discussed with NRC staff on December 15, 2004 and February 16-17, 2005, the enclosed TMI Unit 1 Report ECR #02-01121, Revision 2 Draft, "Inspection Acceptance Criteria And Leakage Assessment Methodology For TMI OTSG Kinetic Expansion Examinations," (Attachment 1) has been revised to address additional information regarding flaw growth rates, inspection scope and expansion criteria, structural integrity assessment, leakage assessment, and non-destructive evaluation techniques. Revisions to the previous report are indicated by revision bars in the margin. The revisions to this report incorporate additional inspection and acceptance criteria conservatism based on industry steam generator tube inspection experience. The final TMI Unit 1 Report ECR #02-01121, Revision 2 will be submitted to NRC upon resolution of the identified issues. Attachment 2 provides the proposed TMI Unit 1 Updated Final Safety Analysis Report (UFSAR) update to address the revised methodology. Also, as discussed on February 16-17, 2005, Attachment 4 is provided to identify the section in the Attachment 1 Report that addresses each NRC issue.

Regulatory commitments as a result of this submittal are identified in Attachment 3.

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If any additional information is needed, please contact David J. Distel at (610) 765-5517.

Very truly yours,



Pamela B. Cowan

Director - Licensing & Regulatory Affairs

AmerGen Energy Company, LLC

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Attachments: 1) TMI Report ECR #02-01121, Revision 2 Draft, "Inspection Acceptance Criteria And Leakage Assessment Methodology For TMI OTSG Kinetic Expansion Examinations."

2) Proposed TMI Unit 1 UFSAR Update

3) Regulatory Commitments

4) NRC Question Response

cc: S. J. Collins, USNRC, Administrator Region I,
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T. G. Colburn, USNRC, Acting Senior Project Manager, TMI Unit 1
File No. 02077

ATTACHMENT 1

**Inspection Acceptance Criteria
And
Leakage Assessment Methodology
For TMI
OTSG Kinetic Expansion Examinations
ECR #02-01121, Revision 2 Draft**