

From: Kalyanam, Kaly
Sent: Wednesday, October 27, 2010 8:51 AM
To: STEELMAN, WILLIAM J
Cc: BENNETT, STEVE A; Lent, Susan
Subject: Transmittal of the Formal Request for Additional Information on Waterford 3 LBB LAR for the pressurizer surge line

Plant: Waterford Steam Electric Station, Unit 3 (Waterford 3)
Docket No.: 50-382
Subject: Request for Additional Information (RAI) on the Leak Detection System for the Leak-Before-Break (LBB) License Amendment Application (LAR) for the Pressurizer Surge Line
TAC Nos.: ME3420
SUNSI Review Done: Yes. Publicly Available, Normal Release, Non-sensitive,
From: N. Kalyanam
To: W. Steelman

By letter dated February 22, 2010, Entergy Operations, Inc. requested a license amendment to allow implementation of LBB on the pressurizer surge line at Waterford 3. The licensee's LBB analysis is based on WCAP-17187-P, "Technical Justification for Eliminating Pressurizer Surge Line Rupture as the Structural Design Basis for Waterford Steam Electric Station, Unit 3 Using leak-Before-Break Methodology," (proprietary). To complete its review, the NRC staff requests the following additional information.

The draft RAI was sent to Entergy on September 15, 2010. This formalizes the RAI.

- 1) The licensee proposed crediting leak detection capabilities beyond those specified in RG 1.45 (e.g., sensitivity of 0.25 gallons per minute) without adequate supporting analysis.
- 2) Also, these capabilities were not proposed for inclusion as a Technical Specification LCO as required by Criterion 1 of 10 CFR 50.36(c)(2).

E-mail Properties

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