

Jonathan Rowley - Cooling tower RAI

From: Jonathan Rowley
To: mhamer@entergy.com
Date: 08/30/2007 3:24 PM
Subject: Cooling tower RAI

Attached is the RAI related to the west cooling tower collapse. It is in ADAMS under ML072390352.

Mail Envelope Properties (46D71977.B64 : 12 : 35182)

Subject: Cooling tower RAI
Creation Date 08/30/2007 3:24:39 PM
From: Jonathan Rowley

Created By: JGR@nrc.gov

Recipients	Action	Date & Time
entergy.com PM mhamer (<u>mhamer@entergy.com</u>)	Transferred	08/30/2007 3:24:55

Post Office	Delivered	Route
		entergy.com

Files	Size	Date & Time
MESSAGE	413	08/30/2007 3:24:39 PM
TEXT.htm	312	
ML072390352.pdf	80064	08/30/2007 3:21:40 PM

Options

Auto Delete: No
Expiration Date: None
Notify Recipients: Yes
Priority: Standard
ReplyRequested: No
Return Notification:
 Send Notification when Opened

Concealed Subject: No
Security: Standard

To Be Delivered: Immediate
Status Tracking: Delivered & Opened

August 29, 2007

Mr. Michael A. Balduzzi
Sr. Vice President and COO
Entergy Nuclear Operations, Inc.
Regional Operations, NE
440 Hamilton Avenue
White Plains, NY 10601

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE
VERMONT YANKEE NUCLEAR POWER STATION, LICENSE RENEWAL
APPLICATION

Dear Mr. Balduzzi:

By letter dated January 25, 2006, Entergy Nuclear Operations, Inc. submitted an application pursuant to 10 CFR Part 54, to renew the operating license for Vermont Yankee Nuclear Power Station, for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). The staff is reviewing the information contained in the license renewal application and has identified, in the enclosure, areas where additional information is needed to complete the review.

This request for additional information was discussed with David Mannai et al, and a mutually agreeable date for the response is within 30 days from the date of this letter. A revised schedule for completion of the Vermont Yankee Nuclear Power Station license renewal application review will be issued upon receipt of a satisfactory response to this request for additional information. If you have any questions, please contact me at 301-415-4053 or e-mail JGR@nrc.gov.

Sincerely,

/RA/

Jonathan G. Rowley, Project Manager
License Renewal Branch B
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-271

Endosuré:
Request for Additional Information

cc w/end: See next page

VERMONT YANKEE NUCLEAR POWER STATION
LICENSE RENEWAL APPLICATION (LRA)
REQUEST FOR ADDITIONAL INFORMATION (RAI)

RAI 2.4.4-2

Please provide the results of the review performed to determine the impact of the circulating water piping, pipe supports, and west cooling tower cell (2-4) failures on license renewal scoping, screening, and applicable aging management programs. Please include the following:

- A. A conclusion and basis as to whether the scoping results documented in the LRA, which initially determined that 9 of the 11 west cooling tower cells were not within the scope of license renewal, are still valid.
- B. If found that the west cooling tower cells are within the scope of license renewal. Please provide the following:
 - I. The potential effect of a circulating water piping, pipe supports, or structural failure of the nonsafety-related west cooling tower cells (2-3 through 2-11), which were not included within the scope of license renewal, on safety-related systems, structures, and components (in accordance with 10 CFR 54.4(a)(2)). Include the potential effect of debris entering the deep basin beneath the cooling tower.
 - II. The details of any age related degradation which caused the failure of the circulating water piping, pipe supports, and west cooling tower cell. Include the results of the piping and pipe supports inspection related to the current failure and any previously performed, and a description of the identified aging mechanism(s).
- C. Any impact on the aging management programs for circulating water piping, pipe supports, or cooling tower cells.

Enclosure