

Jonathan Rowley - Telephone conference call summaries

From: Jonathan Rowley
To: jdevinc@entergy.com
Date: 10/24/2007 2:41 PM
Subject: Telephone conference call summaries

Attached you will find two conference call summaries for your review and comment.

Mail Envelope Properties (471F91EF.BA1 : 12 : 35182)

Subject: Telephone conference call summaries
Creation Date 10/24/2007 2:41:51 PM
From: Jonathan Rowley

Created By: JGR@nrc.gov

Recipients	Action	Date & Time
entergy.com PM jdevinc (<u>jdevinc@entergy.com</u>)	Transferred	10/24/2007 2:42:12

Post Office	Delivered	Route
		entergy.com

Files	Size	Date & Time
MESSAGE	398	10/24/2007 2:41:51 PM
TEXT.htm	297	
Summary of Telephone Conference - August 27, 2007.wpd 11:34:14 AM		23494 10/24/2007
Summary of Telephone Conference - September 14, 2007.wpd 2:28:16 PM		22583 10/24/2007

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

LICENSEE: Entergy Nuclear Operations, Inc.

FACILITY: Vermont Yankee Nuclear Power Station

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON AUGUST 27, 2007, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND ENTERGY NUCLEAR OPERATIONS, INC., CONCERNING A DRAFT REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE VERMONT YANKEE NUCLEAR POWER STATION, LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Nuclear Operations, Inc. held a telephone conference call on August 27, 2007, to discuss and clarify the staff's draft request for additional information (D-RAI) concerning the Vermont Yankee Nuclear Power Station, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's D-RAI.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the D-RAI discussed with the applicant, including a brief description on the status of the item.

The applicant had an opportunity to comment on this summary.

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

Docket No. 50-271

Enclosures:

1. List of Participants
2. List of Draft Request for Additional Information

cc w/encls: See next page

LICENSEE: Entergy Nuclear Operations, Inc.

FACILITY: Vermont Yankee Nuclear Power Station

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON AUGUST 27, 2007, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND ENTERGY NUCLEAR OPERATIONS, INC., CONCERNING A DRAFT REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE VERMONT YANKEE NUCLEAR POWER STATION, LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Nuclear Operations, Inc. held a telephone conference call on August 27, 2007, to discuss and clarify the staff's draft request for additional information (D-RAI) concerning the Vermont Yankee Nuclear Power Station, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's D-RAI.)

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the D-RAI discussed with the applicant, including a brief description on the status of the item.

The applicant had an opportunity to comment on this summary.

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

Docket No. 50-271

Enclosures:

1. List of Participants
2. List of Draft Request for Additional Information

cc w/encls: See next page

DISTRIBUTION: See next page

ADAMS Accession No.:

DOCUMENT NAME: Conference - August 27, 2007.wpdctempMXLibDirSummary of Telephone Conference - August 27, 2007.wpd

OFFICE	LA:DLR	PM:RLRB:DLR	BC:RLRB:DLR
NAME		JRowley	RAuluck
DATE	/ /	/ /	/ /

OFFICIAL RECORD COPY

TELEPHONE CONFERENCE CALL
VERMONT YANKEE NUCLEAR POWER STATION
LICENSE RENEWAL APPLICATION

LIST OF PARTICIPANTS
AUGUST 27, 2007

PARTICIPANTS

Jonathan Rowley
Rajender Auluck
Bill Rogers
Dan Hoang
David Mannai
John Dreyfuss
Michael Metell
Jim Rogers
David Lach
Areza Arabli
Garry Young
Greg Amandon

AFFILIATIONS

Nuclear Regulatory Commission (NRC)
NRC
NRC
NRC
Entergy Nuclear Operations, Inc. (Entergy)
Entergy
Entergy
Entergy
Entergy
Entergy
Entergy
Entergy

Enclosure 1

DRAFT REQUESTS FOR ADDITIONAL INFORMATION
VERMONT YANKEE NUCLEAR POWER STATION
LICENSE RENEWAL APPLICATION

AUGUST 27, 2007

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Nuclear Operations, Inc. held a telephone conference call on August 27, 2007, to discuss and clarify the following draft requests for additional information (D-RAIs) concerning the Vermont Yankee Nuclear Power Station (VYNPS) license renewal application (LRA).

D-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 cooling tower cell (2-4) failures on license renewal scoping, screening, and applicable aging management programs. Please include the following:

- A. The details of any age related degradation which caused the failure of the circulating water piping, pipe supports, and cooling tower cell. Include the results of the piping and pipe supports inspection and a description of the identified aging mechanism(s).
- B. Indicate how the identified age related degradation has been considered, as pertinent operating experience, during license renewal scoping.
- C. The potential affect on safety-related SSCs, of a similar piping or structure failure of the nonsafety-related cooling tower cells (and contained circulating water piping and pipe supports) which were not included within the scope of license renewal, including the affect of debris entering the cooling basin [10 CFR 54.4(a)(2)].
- D. A conclusion and basis as to whether the scoping results documented in the license renewal application, which initially determined that nine of the eleven cooling tower cells were not within the scope of license renewal, are still valid.
- E. Any impact on the aging management programs for circulating water piping, pipe supports, or cooling tower cells.

Discussion: The applicant indicated that the question is clear. This D-RAI will be reformatted and sent as a formal RAI.

LICENSEE: Entergy Nuclear Operations, Inc.

FACILITY: Vermont Yankee Nuclear Power Station

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON SEPTEMBER 14, 2007, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND ENTERGY NUCLEAR OPERATIONS, INC., CONCERNING A REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE VERMONT YANKEE NUCLEAR POWER STATION LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Nuclear Operations, Inc. held a telephone conference call on September 14, 2007, to discuss and clarify the staff's request for additional information (RAI) concerning the Vermont Yankee Nuclear Power Station license renewal application. The telephone conference call was useful in clarifying the intent of the staff's RAI.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the RAI discussed with the applicant, including a brief description on the status of the item.

The applicant had an opportunity to comment on this summary.

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

Docket No. 50-271

Enclosures:

1. List of Participants
2. List of Request for Additional Information

cc w/encls: See next page

LICENSEE: Entergy Nuclear Operations, Inc.

FACILITY: Vermont Yankee Nuclear Power Station

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON SEPTEMBER 14, 2007, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND ENTERGY NUCLEAR OPERATIONS, INC., CONCERNING A REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO THE VERMONT YANKEE NUCLEAR POWER STATION LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Nuclear Operations, Inc. held a telephone conference call on September 14, 2007, to discuss and clarify the staff's request for additional information (RAI) concerning the Vermont Yankee Nuclear Power Station license renewal application. The telephone conference call was useful in clarifying the intent of the staff's RAI.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the RAI discussed with the applicant, including a brief description on the status of the item.

The applicant had an opportunity to comment on this summary.

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

Docket No. 50-271

Enclosures:

1. List of Participants
2. List of Request for Additional Information

cc w/encls: See next page

DISTRIBUTION: See next page

ADAMS Accession No.:

DOCUMENT NAME: Conference - September 14, 2007.wpdctempgwprintSummary of Telephone Conference - September 14, 2007.wpd

OFFICE	LA:DLR	PM:RLRB:DLR	BC:RLRB:DLR
NAME		JRowley	RAuluck
DATE	/ /	/ /	/ /

OFFICIAL RECORD COPY

TELEPHONE CONFERENCE CALL
VERMONT YANKEE NUCLEAR POWER STATION
LICENSE RENEWAL APPLICATION

LIST OF PARTICIPANTS
SEPTEMBER 14, 2007

PARTICIPANTS

Jonathan Rowley
Rajender Auluck
David Mannai
Michael Metell
Ted Ivey
Alan Cox
David Lach

AFFILIATIONS

Nuclear Regulatory Commission (NRC)
NRC
Entergy Nuclear Operations, Inc. (Entergy)
Entergy
Entergy
Entergy
Entergy

REQUESTS FOR ADDITIONAL INFORMATION
VERMONT YANKEE NUCLEAR POWER STATION
LICENSE RENEWAL APPLICATION

SEPTEMBER 14, 2007

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Nuclear Operations, Inc. held a telephone conference call on September 14, 2007, to discuss and clarify the following requests for additional information (RAIs) concerning the Vermont Yankee Nuclear Power Station (VYNPS), license renewal application (LRA).

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.

Discussion: The applicant indicated that the question is clear. The applicant also used the call as an opportunity to brief the staff on the design and operation of the cooling towers. The applicant will incorporate the points discussed on the design and operation of the cooling towers in the response to the RAI.