

October 12, 2006

LICENSEE: Entergy Nuclear Operations, Inc.

FACILITY: Vermont Yankee Nuclear Power Station

SUBJECT: SUMMARY OF A TELEPHONE CONFERENCE CALL HELD ON
SEPTEMBER 19, 2006, BETWEEN THE U.S. NUCLEAR REGULATORY
COMMISSION AND ENTERGY NUCLEAR OPERATIONS, INC., CONCERNING
INFORMATION PERTAINING TO THE VERMONT YANKEE NUCLEAR
POWER STATION LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Entergy Nuclear Operations, Inc., (ENO) held a telephone conference call on September 19, 2006, to discuss and clarify the staff's requests for additional information (RAIs) and other issues concerning the Vermont Yankee Nuclear Station (VYNPS) license renewal application (LRA). The conference call was useful in clarifying the staff's questions.

Enclosure 1 provides a listing of the conference call participants. Enclosure 2 contains a listing of the issues discussed with the applicant, including a brief discussion of the items status.

The applicant had an opportunity to comment on this summary.

/RA/

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

Docket No. 50-271

Enclosures:
As stated

cc w/encls: See next page

October 12, 2006

LICENSEE: Entergy Nuclear Operations, Inc.

FACILITY: Vermont Yankee Nuclear Power Station

SUBJECT: SUMMARY OF A TELEPHONE CONFERENCE CALL HELD ON
SEPTEMBER 19, 2006, BETWEEN THE U.S. NUCLEAR REGULATORY
COMMISSION AND ENTERGY NUCLEAR OPERATIONS, INC., CONCERNING
INFORMATION PERTAINING TO THE VERMONT YANKEE NUCLEAR
POWER STATION LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Entergy Nuclear Operations, Inc., (ENO) held a telephone conference call on September 19, 2006, to discuss and clarify the staff's requests for additional information (RAIs) and other issues concerning the Vermont Yankee Nuclear Station (VYNPS) license renewal application (LRA). The conference call was useful in clarifying the staff's questions.

Enclosure 1 provides a listing of the conference call participants. Enclosure 2 contains a listing of the issues discussed with the applicant, including a brief discussion of the items status.

The applicant had an opportunity to comment on this summary.

/RA/

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

Docket No. 50-271

Enclosures:
As stated

cc w/encls: See next page

ADAMS ACCESSION NUMBER: ML062780122

DOCUMENT NAME: G:\ADRO\DLR\RLRB\Rowley\Vermont Yankee
Summary of Telephone Conference - September 19, 2006.wpd

OFFICE	PM:RLRB	LA:RLRB	BC:RLRB
NAME	JRowley	SFiguroa	JZimmerman DMerzke
DATE	10/11/06	10/06/06	10/12/06

OFFICIAL RECORD COPY

Vermont Yankee Nuclear Power Station

cc:

Regional Administrator, Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406-1415

Mr. David R. Lewis
Pillsbury, Winthrop, Shaw, Pittman, LLP
2300 N Street, N.W.
Washington, DC 20037-1128

Mr. David O'Brien, Commissioner
Vermont Department of Public Service
112 State Street
Montpelier, VT 05620-2601

Mr. James Volz, Chairman
Public Service Board
State of Vermont
112 State Street
Montpelier, VT 05620-2701

Chairman, Board of Selectmen
Town of Vernon
P.O. Box 116
Vernon, VT 05354-0116

Operating Experience Coordinator
Vermont Yankee Nuclear Power Station
320 Governor Hunt Road
Vernon, VT 05354

G. Dana Bisbee, Esq.
Deputy Attorney General
33 Capitol Street
Concord, NH 03301-6937

Chief, Safety Unit
Office of the Attorney General
One Ashburton Place, 19th Floor
Boston, MA 02108

Ms. Carla A. White, RRPT, CHP
Radiological Health
Vermont Department of Health
P.O. Box 70, Drawer #43
108 Cherry Street
Burlington, VT 05402-0070

Mr. James M. DeVincentis
Manager, Licensing
Vermont Yankee Nuclear Power Station
P.O. Box 0500
185 Old Ferry Road
Brattleboro, VT 05302-0500

Resident Inspector
Vermont Yankee Nuclear Power Station
U. S. Nuclear Regulatory Commission
P.O. Box 176
Vernon, VT 05354

Director, Massachusetts Emergency
Management Agency
ATTN: James Muckerheide
400 Worcester Rd.
Framingham, MA 01702-5399

Jonathan M. Block, Esq.
Main Street
P.O. Box 566
Putney, VT 05346-0566

Mr. John F. McCann
Director, Licensing
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Gary J. Taylor
Chief Executive Officer
Entergy Operations
1340 Echelon Parkway
Jackson, MS 39213

cc:

Mr. John T. Herron
Sr. VP and Chief Operating Officer
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Oscar Limpias
Vice President, Engineering
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Christopher Schwartz
Vice President, Operations Support
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Michael J. Colomb
Director of Oversight
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Travis C. McCullough
Assistant General Counsel
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Theodore Sullivan
Site Vice President
Entergy Nuclear Operations, Inc.
Vermont Yankee Nuclear Power Station
P.O. Box 0500
185 Old Ferry Road
Brattleboro, VT 05302-0500

Mr. James H. Sniezek
5486 Nithsdale Drive
Salisbury, MD 21801

Mr. Garrett D. Edwards
814 Waverly Road
Kennett Square, PA 19348

Ms. Stacey M. Lousteau
Treasury Department
Entergy Services, Inc.
639 Loyola Avenue
New Orleans, LA 70113

Mr. Norman L. Rademacher
Director, NSA
Vermont Yankee Nuclear Power Station
P.O. Box 0500
185 Old Ferry Road
Brattleboro, VT 05302-0500

Mr. Raymond Shadis
New England Coalition
Post Office Box 98
Edgecomb, ME 04556

Mr. James P. Matteau
Executive Director
Windham Regional Commission
139 Main Street, Suite 505
Brattleboro, VT 05301

Mr. William K. Sherman
Vermont Department of Public Service
112 State Street
Drawer 20
Montpelier, VT 05620-2601

Mr. Michael D. Lyster
5931 Barclay Lane
Naples, FL 34110-7306

Ms. Charlene D. Faison
Manager, Licensing
440 Hamilton Avenue
White Plains, NY 10601

Mr. James Ross
Nuclear Energy Institute
1776 I Street, NW, Suite 400
Washington, DC 20006-3708

Vermont Yankee Nuclear Power Station

-3-

cc:

Diane Curran, Esq.
Harmon, Curran, Spielberg &
Eisenberg, L.L.P
1726 M Street, NW, Suite 600
Washington, DC 20036

Note to Entergy Nuclear Operations, Inc., from Jonathan Rowley dated October 12, 2006

SUBJECT: SUMMARY OF A TELEPHONE CONFERENCE CALL HELD ON
SEPTEMBER 19, 2006, BETWEEN THE U.S. NUCLEAR REGULATORY
COMMISSION AND ENTERGY NUCLEAR OPERATIONS, INC., CONCERNING
INFORMATION PERTAINING TO THE VERMONT YANKEE NUCLEAR
POWER STATION LICENSE RENEWAL APPLICATION

HARD COPY

DLR R/F
JRowley

E-MAIL:

JFair
RWeisman
AMurphy
RPettis
GGalletti
DShum
GBagchi
SSmith (srs3)
SDuraiswamy
YL (Renee) Li
RidsNrrDir
RidsNrrDirRlra
RidsNrrDirRlrb
RidsNrrDirRlrc
RidsNrrDirReba
RidsNrrDirRebb
RidsNrrDe
RidsNrrDci
RidsNrrEemb
RidsNrrDeEeeb
RidsNrrDeEqva
RidsNrrDss
RidsNrrDnrl
RidsOgcMailCenter
RidsNrrAdes

JRowley
RLaufer
JShea
CAnderson, RI
R.Powell, RI
DScrenci, RI
MModes, RI
DPelton, Sr. Resident
MYoung
RidsOpaMail

**LIST OF PARTICIPANTS FOR TELEPHONE CONFERENCE CALL
TO DISCUSS THE VERMONT YANKEE NUCLEAR POWER STATION
LICENSE RENEWAL APPLICATION**

September 19, 2006

Participants

Jonathan Rowley
Kenneth Chang
Kaihwa Hsu
Duc Nguyen
James DeVincentis
Mike Metell
David Lach
Mike Hamer
Allan Cox
Jim Fitzpatrick

Affiliations

U.S. Nuclear Regulatory Commission (NRC)
NRC
NRC
NRC
Entergy Nuclear Operations, Inc. (ENO)
ENO
ENO
ENO
ENO
ENO

**VERMONT YANKEE NUCLEAR POWER STATION
LICENSE RENEWAL APPLICATION**

September 19, 2006

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Entergy Nuclear Operations, Inc., held a telephone conference call on September 19, 2006, to discuss and clarify the staff's requests for additional information (RAIs) and other issues concerning the Vermont Yankee Nuclear Power Station (VYNPS) license renewal application (LRA). The following issues were discussed during the telephone conference call:

RAI 3.6.2.2-N-08-1

The applicant responded to the staff's Request for Additional Information (RAI) 3.6.2.2-N-08 in a letter dated July 14, 2006, "License Renewal Application, Amendment 4". In the letter the applicant stated:

"Entergy, consistent with the Peach Bottom precedent, credited the [Federal Energy Regulatory Commission] FERC dam inspection program to manage the effects of aging on civil and structural elements of the [Vernon Hydroelectric Station] VHS."

A FERC letter to the previous owner of the VHS, New England Power Company (currently owned by TransCanada Hydro Northeast Inc.), dated August 6, 1997 states: "By letter dated June 26, 1997, you requested an exemption from filing an Independent Consultant's Safety Inspection Report under Part 12, Subpart D, of the Commission's Regulations..." and "...I am granting your request for an exemption from the Part 12, Subpart D requirement for submittal of an Independent Consultant's Safety Inspection Report."

As the exemption is only on the filing of an Independent Consultant's Safety Inspection Report under Part 12, Subpart D, describe specific Vermont Yankee Nuclear Power Station aging management activities, provide inspection reports, and describe any corrective actions that have been taken as a result of the inspection reports - as they pertain to the VHS in accordance with 10 CFR 54.21(a)(3) - since the exemption was granted.

Discussion: The staff wanted to assure the applicant understood this RAI completely. The staff wanted to prevent reiteration of the response given to the initial RAI. The staff's position and basis for the question was clearly presented. The applicant indicated to the staff that the RAI was clear.

RAI 3.6.2.2-N-08-2

Electrical components for the VHS include 2 black-start turbine generators, cables and buses for power transmission, instrumentation and control components and their associated cables and connections. The audit team found that there is an aging management program (AMP) for underground cables from Vernon tie breaker routed to Vermont Yankee. However, there appears to be no AMPs for electrical components from the tie breaker to VHS generators.

Enclosure 2

Please describe how aging effects on the rest of the electrical components will be managed during the period of extended operation.

Discussion: The staff clarified the scope of the RAI. The applicant indicated to the staff that the RAI was against their current licensing basis (CLB) and that the presence of system redundancy should be just cause not to require a AMP for those electrical components. The staff requested that the applicant prove that no aging management is required.

RAI 4.3-H-01

Table 4.3-2 on Page 4.3-4 of the VYNPS LRA indicates that the design transient of reactor startup/shutdown cycles has bounded all other transients for the reactor coolant system (RCS).

Please describe all the transients bounded and demonstrate how this bounding transient encompasses all other RCS transients (e.g. transient curves for pressure and temperature cycles). Please demonstrate that the cumulative usage factors (CUFs) are still within the limit of this revised bounding transient.

Discussion: The staff did not find the applicant's response in their September 5, 2006 letter (License Renewal Application, Amendment 12) to this RAI acceptable. The staff reiterated its position. The applicant will attempt to provide an adequate supplemental response to this concern in a impending letter to the NRC.

Additional issue:

The applicant referenced the use of relief request in its Inservice Inspection aging management program (AMP B.1.15) of the license renewal application. The staff wanted to make the applicant aware of this. The staff position is that relief requests can not be used as justification for exceptions to the Generic Aging Lessons Learned (GALL) Report recommendations for license renewal.

Discussion: The applicant understood the staff's position. The applicant will amend its application.