



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20565

August 12, 1992

Docket No. 50-271

LICENSEE: Vermont Yankee Nuclear Power Corporation
FACILITY: Vermont Yankee Nuclear Power Station
SUBJECT: SUMMARY OF AUGUST 5, 1992, MEETING WITH REPRESENTATIVES OF VERMONT
YANKEE NUCLEAR POWER CORPORATION AND YANKEE ATOMIC ELECTRIC
COMPANY

On August 5, 1992, pursuant to notice, the NRC staff met with representatives of Vermont Yankee Nuclear Power Corporation (VY) and Yankee Atomic Electric Company (YAEC) at Rockville, Maryland, to discuss licensing issues related to the Vermont Yankee Nuclear Power Station. A list of attendees and a copy of each handout provided at the meeting are enclosed.

YAEC indicates that it is preparing to conduct the fuel analysis for the next fuel cycle for VY, and that the fuel being analyzed has already been ordered. The analysis will include application of the FROSSTEY II fuel performance code to loss-of-coolant accident and transient analyses. The staff and the licensee discussed remaining issues in connection with approval of the code for these applications. The staff stated expected conditions on the approval of the code for the transient analysis.

The staff and the licensee discussed the licensee's proposed Technical Specification (TS) Change No. 147 regarding anticipated transient without scram (ATWS) and alternate rod insertion (ARI). The staff saw no initial objections to the change and the licensee will provide the staff with updated amended TS pages.

The staff indicated that initial reviews of the licensee's submittals regarding 10 CFR 20.302 (RAI response) and station blackout revealed no significant problems.

The staff stressed its position regarding the need for incorporation into the TS of the licensee's programs related to intergranular stress corrosion cracking (Generic Letter 88-01). The licensee committed to meet the schedule for submitting a proposed TS change on this subject.

The staff looked at a preliminary draft response to the recent Safety Evaluation of the Vermont Yankee Inservice Testing Program Relief Requests from Vermont Yankee. The staff will review upon formal submittal.

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August 12, 1992

Requirements for retention of quality assurance records for use of computer codes were discussed. The issue was raised during a recent inspection at Vermont Yankee under 10 CFR 50.59. A determination of further staff action is required.

Original signed by
Patrick M. Sears, Project Manager
Project Directorate I-3
Division of Reactor Projects - I/II

Enclosures:

1. List of Attendees
2. August 5, 1992, Meeting at NRC/NRR
Vermont Yankee Licensing Issues
3. Yankee Atomic Memorandum dated
August 4, 1992, NRC Priority Review
and Proposed Change Status Lists

cc w/enclosure:
See next page

OFFICE	PDI-3/LA	PDI-3/PM	DET:EMEB	DST:STCB	DST:SPB
NAME	TClark <i>JRC</i>	PSears:mw	PCampbell <i>PC</i>	JMadden <i>JM</i>	LPhillips <i>LP</i>
DATE	8/10/92	8/10/92	8/11/92	8/11/92	8/12/92
OFFICE	PDI-3/A/D				
NAME	VNurses <i>VN</i>				
DATE	1/92	1/	1/	1/	1/

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Docket File No. 50-271

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M. Fairtile

D. Dorman

L. E. Phillips

Shih-Liang Wu

E. D. Kendrick

P. Campbell

J. Colaccino

J. Mauck

ACRS (10)

R. Lobel, EDO

J. Linville, RI

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Mr. L. A. Tremblay, Senior Licensing
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Vermont Yankee

cc:

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LIST OF ATTENDEESMeeting Between NRC and Vermont YankeeAugust 5, 1992Rockville, Maryland

<u>Name</u>	<u>Organization</u>	<u>Telephone #</u>
V. Nerses	DRPE/NRR	301-504-1484
Pat Sears	NRR/PD 1-3	301-504-2021
M. Fairtile	PDNP/NRR	301-504-1442
Dan Dorman	NRR/DRPE	301-504-1481
Stephen P. Schultz	Yankee Atomic	508-779-6711 x2131
Len Tremblay	YAEC/VY Project	508-779-6711 x2383
Kevin E. St. John	YAEC	508-779-6711 x2133
Timothy C. Trask	Vermont Yankee	802-257-7711 x2202
Dean Porter	Vermont Yankee	802-257-5271 x219
L. E. Phillips	NRR/DST/SRXB	301-504-3232
Shih-Liang Wu	NRR/SRXB	301-504-3284
E. D. Kendrick	NRR/SRXC	301-504-2891
Patricia Campbell	NRR/DET/EMEB	301-504-1311
Joe Colaccino	NRR/DET/EMEB	301-504-2753
Jerry L. Mauck	NRR/DST/SICB	301-504-3248

AUGUST 5, 1992 MEETING AT NRC / NRR
VERMONT YANKEE LICENSING ISSUES

- FROSTY II Fuel Performance Code
Meeting to include Pat Sears, Larry Phillips and Shih-Liang Wu from NRC and Steve Schultz, Kevin St. John, Dean Porter and Len Tremblay from YAEC/VY
- IST Program
Meeting to include Patricia Campbell and Pat Sears from NRC and Tim Trask, Dean Porter and Len Tremblay from YAEC/VY
- LOCA Analysis (VY Specific RELAP5YA)
Visit with Lambrose Lois to determine the status of corrected SER issuance
- ATWS/ARI diversity - resubmittal of exemption request pending
- Proposed Change No. 147, SLC/ARI/RPT Changes due to ATWS Rule
Pat Sears action item from previous 6/10/92 licensing meeting
- Generic Letter 88-01, Unidentified Leakage in Containment, Tech. Spec. requirements
Pat Sears action item from previous 6/10/92 licensing meeting
- Computer codes - NRC questions
- Proposed Change No. 164, Administrative Change (PORC titles & IST program)
- 10CFR20.302 Application for Chem. Line Sink drain
- Station Blackout response to NRC request for additional information
- Reactor Water Level Reference Legs - BWROG action

MEMORANDUM

YANKEE ATOMIC- BOLTON

To: Distribution
 From: L. A. Tremblay
 Subject: NRC Priority Review and Proposed Change Status Lists

Date: August 4, 1992
 Group #: VYL 22/92
 W.O.#: 4381


DISCUSSION:

Attached, please find the following two listings which have been updated for the month of August, 1992:

Vermont Yankee Requested NRC Priority Review List - this is a list of items submitted to NRC which Vermont Yankee considers high priority and for which priority NRC review is requested;

Vermont Yankee Submitted Proposed Changes and Approval Requests - this is a list of all items currently submitted to NRC for which review and approval is requested.

Should you have any questions regarding the attached information, please contact me.


 L. A. Tremblay, Senior Licensing Engineer
 Vermont Yankee Project

DISTRIBUTION (with attachments):Brattleboro

J. Pelletier
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 D. McElwee

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 R. Wanczyk
 B. Buteau
 M. Benoir
 R. McCullough

NSD

J. Thayer
 S. Schultz
 S. Miller
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 M. Marian
 R. Smith
 B. Slifer
 R. Sundaram
 M. Sironen

NRC

V. Nerses
 W. Butler
 P. Sears
 H. Eichenholz

August, 1992

VERMONT YANKEE REQUESTED NRC PRIORITY REVIEW LIST

<u>Item</u>	<u>Submittal Date</u>	<u>Status* and Requested Approval Date</u>
LOCA Analysis (VY Specific RELAP5YA) and new MAPLHGR Limits	6/27/86	Approved and SER issued on 5/5/92. Several typographical errors contained in the approval document are to be corrected in a reissuance of the S.L.R. (L. Lois NRC cognizant).
FROSSTEY II Fuel Performance Code	12/16/87	A meeting was held at NRC on 4/7/92 to discuss remaining NRC concerns. Final VY response addressing all remaining concerns submitted to NRC on 5/15/92. Battelle's TER completed - NRC anticipates issuance of SER by 7/31/92. (Shih-Liang Wu NRC cognizant)

* See attached Vermont Yankee Submitted Proposed Changes and Approval Requests for a more detailed status of these items.

VERMONT YANKEE SUBMITTED PROPOSED CHANGES AND APPROVAL REQUESTS

SUMMARY STATUS

August, 1992

<u>Proposed Change No.</u>	<u>Item</u>	<u>Status</u>
147	ATWS Rule (10CFR50.62)	To NRC per BVY 89-44, dated May 12, 1989. Federal Register Notice June 28, 1989. Approval needed to add to Tech. Specs. the new equivalency formula for enriched boron solution to satisfy 10CFR50.62 ATWS requirements, thus making Tech. Spec. requirements compatible with plant procedures. NRC review underway as of March, 1991. By letter dated June 5, 1992, NRC requested additional information regarding the SLC portion of this change and rejected the ARI portion due to NRC position on ATWS diversity. A meeting is scheduled for 8/5/92 at NRC to discuss resolution.
164	Administrative Change	To NRC per BVY 91-125, dated December 27, 1991. Proposed change to delete specific managerial titles for composition of PORC, and to restore a previous IST surveillance item inadvertently deleted in recently issued Amendment 128. Verbal communications held between VY and NRC reviewer regarding definition of a PORC quorum as currently defined in TS. VY has proposed an alternative definition. By letters dated 7/21/92, the PORC-related changes have been denied and the IST-related change has been approved by NRC.
<u>Other Pending Approval Request Items</u>		
10CFR 20.302 Permit Application		To NRC per BVY 91-113, dated November 18, 1991. Requests permission to leave in place contaminated soil and fill material below plant buildings and structures as a result of the chemistry lab. sink drain line failure. NRC comments to VY on 2/18/92. VY responses and a revised permit application submitted to NRC on 7/10/92.
ATWS/ARI Diversity Exemption Request		To NRC per BVY 92-03, dated January 17, 1992. Requests an exemption from the diversity requirements of 10CFR50.62(c)(3), pursuant to the provisions of 10CFR50.12(a)(2)(iii). NRC denied the exemption request on 4/16/92. Based upon discussions with NRC staff during a meeting on 6/10/92 at NRC, VY is preparing and plans to submit a revised exemption request which specifically addresses NRC's basis for rejection of the original submittal.

VERMONT YANKEE SUBMITTED PROPOSED CHANGES AND APPROVAL REQUESTS
SUMMARY STATUS

August, 1992

(Continued)

Other Pending Approval Request Items (continued)

Reload Methods Approvals:

- LOCA Analysis (VY Specific RELAP5YA)
and new MAPLHGR limits

NRC approved and SER issued on 5/5/92. Several typographical errors contained in the NRC approval document are to be corrected in issuance of a revised SER by NRC. (L. Lois NRC cognizant).

- FROSSTEY II

Submitted December 16, 1987. NRC May 2, 1989 request for additional information responded to on July 14, 1989. Four additional questions sent to VY on 3/9/90. Partial response submitted to NRC on 4/19/90. Supplemental GE proprietary information submitted to NRC on 5/10/90. Workaround strategy letter for Cycle 15 reload submitted on 5/23/90. Alterations to code and resubmittal of responses to four questions submitted to NRC on 3/6/91. VY/NRC telecon held on 6/6/91 - NRC to resume code review during first week of July, 1991, initially concentrating on LOCA application - also, workaround strategy employed for Cycle 15 can be used again for Cycle 16. NRC letter transmitted remaining open issues to VY on 1/28/92. Telecon between VY, NRC, and NRC's consultant (Carl Beyer-Battelle) held on 2/24/92 to discuss 1/28/92 NRC letter. A 4-part strategy was agreed-upon: 1). VY to submit LOCA-related responses in March, 1992; 2). a meeting will be held at NRC with consultant present to discuss VY approach to remaining concerns; 3). VY to submit non-LOCA-related responses to NRC by May, 1992, and 4). NRC to provide final disposition on FROSSTEY II application. Meeting held at NRC on 4/7/92 to discuss remaining NRC concerns. Final VY response addressing all remaining NRC concerns submitted to NRC on 5/15/92. Battelle's TER completed - NRC anticipates SER issuance by 7/31/92. (Shih-Liang Wu NRC cognizant)