

PROP

August 12, 2008 (11:00am)

OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF



GE Nuclear Energy

General Electric Company
3901 Castle Hayne Road, Wilmington NC 28401

June 4, 2007
GE-HB1MJZ6A-004
DRF 0000-0068-4783
GE Company Proprietary

Action Requested by: N/A
Response to: N/A
Project Deliverable: Yes

cc: D. Drendel (GE)

Mr. Neil Fales
Vermont Yankee Nuclear Power Station
Governor Hunt Road
Vernon, VT 05354

From: E. G. Thacker, II
1989 Little Orchard Street
San Jose, CA 95125

Subject: VYNPS, Steam Dryer Flaw Set 02 Evaluation Project – Report, R1
Reference: 1. Entergy Contract Order No. 10153461, March 26, 2007
2. INR-IVVI-VYR26-07-07
3. INR-IVVI-VYR26-07-08

GE has completed the flaw evaluation report revision¹ authorized by Reference 1. The flaws are shown in References 2 and 3. The revised flaw evaluation report is attached. The attachment is design verified and evidence of verification is in DRF 0000-0068-4783.

A signed copy of this letter is included in DRF 0000-0068-4783. If you have any questions please call me.

E. G. Thacker, II
Project Manager, Technical Projects
408 925-6154

Attachment: GENE-0000-0068-7307 R1

U.S. NUCLEAR REGULATORY COMMISSION

In the Matter of Entergy Nuclear Vermont Yankee LLC
Docket No. 50-271 Official Exhibit No. E3-16-VY
OFFERED by: Applicant/Licensee Intervenor _____
NRC Staff _____ Other _____
IDENTIFIED on 7/23/08 Witness/Panel NEC3
Action Taken: ADMITTED REJECTED WITHDRAWN
Reporter/Clerk MAC

¹ Report revised to incorporate Entergy comments received on the initial issue version, Revision 0.



GE Nuclear Energy

GENE-0000-0068-7307

Revision 1

Class III

June 2007

DRF 0000-0068-4783

Evaluation of Visual Inspection Indications Steam Dryer Assembly RFO26

Vermont Yankee Generating Station

Prepared By

GE Nuclear Energy
Reactor Services
1989 Little Orchard St.
San Jose, California 95125

Prepared By:

D. Drendel

Verified By:

A. Nisenbaum

Approved By:

V. Pence

GE Proprietary Information



5. SAFETY FUNCTION

The steam dryer assembly has no safety function. See BWRVIP-06-A for additional discussion of steam dryer assembly safety. The crack indications reported in References 1 and 2 will not likely result in any lost parts at operating conditions. Based on the technical evaluation as discussed herein there is not a safety concern, hence this has not been evaluated under 10CFR21.

6. CONCLUSIONS AND RECOMMENDATIONS

It is recommended that the visual indications reported in References 1 and 2 be accepted as-is for continued operation for at least one additional operating cycle. Repair is not recommended at this refueling outage. These indications are most likely IGSCC and therefore they will propagate very slowly if at all. These indications have little or no structural impact on the steam dryer assembly and do not pose a risk of creating lost parts during the next operating cycle. These indications should be visually inspected during the next refueling outage to conform there has been little or no growth.