

VERMONT YANKEE 2004
REFUELING OUTAGE RFO-24
DRYER EXAMINATION SUMMARY AND RESULTS

The steam dryer examination scope at Vermont Yankee for the twenty-fourth refueling outage ("RFO-24), conducted in the Spring of 2004, is summarized as follows:

Location	Examination Method	Number of Discrete Exams
Dryer OD Horizontal Welds	VT-1	24
Dryer OD Vertical Welds	VT-1	42
OD Covers and Penetrations	VT-1	3
Lifting Rods	VT-1	4
Outer Plenum	VT-1	32
Dryer Leveling Screws	VT-1	part of 2004 modification
Dryer Repair Hardware	VT-1	part of 2004 modification
Dryer Tie Bars	VT-1	part of 2004 modification
Steam Dam Gussets	VT-1	part of 2004 modification
Steam Dryer Hood Cover Plates	VT-1	part of 2004 modification
Steam Dryer Hood End Plates	VT-1	part of 2004 modification
Welded Dryer Bank Support Hardware at Lifting Lugs	VT-1	part of 2004 modification
Dryer Vane Bank Outlet Fillet Welds	VT-1	part of 2004 modification
Drain Channel Welds	VT-1	22
Dryer ID Vertical Welds	VT-1	27
Dryer ID Horizontal Welds	VT-1	55
Dryer ID Struts	VT-1	22
Dryer Plate Exams	VT-3	52
OD General Condition	VT-3	2
ID General Condition	VT-3	2
Total Number of Exams	U.S. NUCLEAR REGULATORY COMMISSION	287

August 12, 2008 (11:00am)
OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

DOCKETED
USNRC
In the Matter of Energy Nuclear Vermont Yankee
Docket No. 50-271 Official Exhibit No. ES-13-V4
OFFERED by: Applicant/Licensee Intervenor _____
NRC Staff Other _____
IDENTIFIED on 7/23/08 Witness/Panel NEC 3
Action Taken: ADMITTED REJECTED WITHDRAWN
Reporter/Clerk MAC

Template Aug-028

DS-03

This summary scope resulted in approximately 300 individually identified examinations.

Four Indication Notification Reports (INR) were initiated, describing a total of 20 relevant (recordable) indications. Two of these indications, which were identified on Indication Notification Report INR-VYR24-01, were weld repaired. The remaining 18 indications was dispositioned "use-as-is," based on evaluation and recommendation by vendor and Entergy engineering personnel.

In RFO-24, a stiffening modification was made to the dryer, in anticipation of extended power uprate (EPU). These modifications were examined in RFO-25 and RFO-26, and the results of those examinations are found in the exhibits related to those outages.

INR	Location	Comments
04-01	Vertical Weld V02-90 & Outer Plenum Weld OP-V9-0; Vertical Weld V02-270 & Outer Plenum Weld OP V19-180	2 Indications, each approx. 3 inches long; both were weld repaired in 2004. Subsequent exams show no new indications.
04-02	Interior Vertical Welds HB-V04, HC-V06-180, HC-V06-000, HD-V01	16 Indications
04-03	Surface Deposits	Originally reported as possible erosion. Determined to be NRI
04-04	Drain Channel Vertical Weld DC-V04C; Weld Indication @ 185° Drain Pipe	2 Indications