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December 23, 2003
BVY 03-120

U.S. Nuclear Regulatory Commission
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Washington, DC 20555

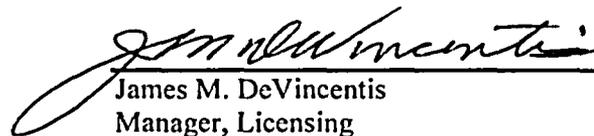
Subject: **Vermont Yankee Nuclear Power Station
License No. DPR-28 (Docket No. 50-271)
Supplement to Relief Request RI-01**

On October 1, 2003, Vermont Yankee (VY) submitted to the NRC Relief Request RI-01¹. This submittal requested to implement various Boiling Water Reactor Vessel Internals Program (BWRVIP) Guidelines in lieu of select ASME Section XI requirements. Based upon discussions with the Staff, the table contained within Relief Request RI-01 has been modified to specifically identify (or correlate) the reactor vessel internal component with the corresponding Inspection Basis (e.g.; BWRVIP document number). The revised Table 1 is attached for your review in support of approval of Relief Request RI-01.

Attachment 1 identifies that there are no commitments contained within this letter. Attachment 2 contains a revised Table 1.

If you have any questions on this transmittal, please contact Mr. Thomas B. Silko at (802) 258-4146.

Sincerely,



James M. DeVincentis
Manager, Licensing

Attachments

cc: USNRC Region 1 Administrator
USNRC Resident Inspector - VY
USNRC Project Manager - VY
Vermont Department of Public Service

¹ Reference VY Letter to USNRC, dated October 1, 2003, BVY 03-89, "Supplement 2 to Fourth-Interval Inservice Inspection (ISI) Program Plan – Submittal of Relief Request RI-01."

A047

Attachment I

Vermont Yankee Nuclear Power Station

Supplement to Relief Request RI-01

List of Commitments

SUMMARY OF VERMONT YANKEE COMMITMENTS

BVY NO.: 03-120

The following table identifies commitments made in this document by Vermont Yankee. Any other actions discussed in the submittal represent intended or planned actions by Vermont Yankee. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Licensing Manager of any questions regarding this document or any associated commitments.

COMMITMENT	COMMITTED DATE OR "OUTAGE"
None	N/A

Attachment 2
Vermont Yankee Nuclear Power Station
Supplement to Relief Request RI-01
Revised Table 1

Table 1 - Reactor Vessel Internals Inspection Overview

December 3, 2003	Outage Year	Inspection Basis	1995	1996	1998	1999	2001	2002	2004	2005	2007	2008	2010	2011
Reactor Internal Component	Outage		RFO18	RFO19	RFO20	RFO21	RFO22	RFO23	RFO24	RFO25	RFO26	RFO27	RFO 28	RFO29
Control Rod Drive Guide Tube Body Welds		BWRVIP-47, Table 3.2-1			EVT1 (4)				EVT1 (1)		EVT1 (4)	EVT1 (IN)		
Control Rod Drive Guide Tube Lug and Pin		BWRVIP-47, Table 3.2-1	VT3	VT3	VT3	VT3	VT3	VT3	VT3	VT3	VT3	VT-3	VT3	VT3
Core Plate Rim Hold-Down Bolts		BWRVIP-25, Table 3-2		VT3		VT3 (50%)	VT3 (50%)	VT3 (50%)	VT3 (50%)	UT				
Core Shroud Horizontal Welds (H1, H2, H3)		BWRVIP-76, Figure 2-3	UT						EVT1				EVT1	
Core Shroud Horizontal Welds (H4-H7)		BWRVIP-76, Section 3.2	UT											
Core Shroud Vertical Welds		BWRVIP-76, Figure 3-3		UT/ET					EVT1				EVT1	
Core Shroud TG Ring Segment Welds		BWRVIP-76, Section 3.4		UT/ET									EVT1	
Core Shroud CP Ring Segment Welds		BWRVIP-76, Section 3.4		UT/ET					EVT1					
Core Shroud Flange Ring Segment Welds		BWRVIP-76, Section 3.4												
Core Shroud Tie-Rod Repair		BWRVIP-76, Section 3.5		VT3 (all)	VT3 (all)	VT3 (all)			VT3 (2)			VT3 (2)		
Core Shroud Support Welds (H8, H9)		BWRVIP-38, Figures 3-4, 3-5		UT/ET						UT				
Core Shroud Support Access Hole Cover		GE SIL 462, Revision 1	VT1	VT1	MVT1	EVT1		EVT1		EVT1		EVT1		EVT1
Core Shroud Support Annulus Floor		Risk To Generation	VT3	VT3	VT3	VT3	VT3	VT3	VT3	VT3	VT3	VT3	VT3	VT3
Core Spray Thermal Sleeve Welds (Hidden)		BWRVIP-18, Section 3.2.4								UT				
Core Spray Piping Welds (except P9)		BWRVIP-18, Figure 3-3	VT1	UT	EVT1	EVT1	EVT1	EVT1	EVT1	EVT1	EVT1	EVT1	EVT1	EVT1
Core Spray P9 Welds		BWRVIP-18, Section 3.2.4								UT		UT		UT
Core Spray Sparger Large Circ Welds		BWRVIP-18, Figure 3-4	CSVT1	CSVT1	MVT1		EVT1		EVT1		EVT1		EVT1	
Core Spray Sparger Nozzle Welds		BWRVIP-18, Figure 3-4	CSVT1	CSVT1	VT3		VT1 (50%)		VT1 (50%)		VT1 (50%)		VT1 (50%)	
Core Spray Piping Brackets		BWRVIP-18, Section 3.3.3	VT1	VT1				EVT1				EVT1		
Core Spray Sparger Brackets		BWRVIP-18, Section 3.3.3	CSVT1	CSVT1	VT3			VT1		VT1		VT1		VT1
Core Spray Sparger Tee-Box Repair (Old)		Risk To Generation	VT3	VT3	VT3	VT3				VT3				
Feedwater Sparger Tee Welds		NUREG 0619	VT1		MVT1		VT1		VT1		VT1		VT1	
Feedwater Sparger End Bracket Attachment		BWRVIP-48, Table 3-2	VT1		MVT1		VT1	EVT1	VT1		VT1		VT1	
Feedwater Sparger Piping and Brackets		NUREG 0619	VT3		VT3		VT3		VT3		VT3		VT3	
Guide Rods		Risk To Generation						VT3						
Incore Dry Tubes		SIL 409, Revision 2	MVT1 (3)				VT1,3 (2)		VT1,3 (2)	VT1,3 (5)	VT1,3 (4)	VT1,3 (5)	VT1,3 (4)	VT1,3 (5)
Integrally Welded Core Support Structures		ASME XI, Cat. B-N-2						VT3						
Jet Pump Beams		BWRVIP-41, Table 3.3-1	VT3 (50%)	VT3 (50%)	UT	UT (50%)		UT, VT-1		UT				UT (50% IN)
Jet Pump Thermal Sleeve Welds (Hidden)		BWRVIP-41, Table 3.3-1								UT				
Jet Pump Riser Welds (RS-1, RS-2, RS-3)		BWRVIP-41, Table 3.3-1			UT		UT (flaws)		EVT1(flaws)		UTorEVT1 (50%)		EVT1 (flaws)	
Jet Pump Riser Welds (RS-4, RS-5, RS-8, RS-9)		BWRVIP-41, Table 3.3-1	VT1 (50% -8.9)	VT1 (50% -8.9)	MVT1 (50%)				EVT1 (50%)				EVT1 (25%)	
Jet Pump Riser Brace Welds		BWRVIP-41, Table 3.3-1	VT1 (50%)	VT1 (50%)	MVT1 (50%)				EVT1 (50%)				EVT1 (25%)	
Jet Pump Inlet Bolted Connection		BWRVIP-41, Table 3.3-1			VT3 (50%)				VT3 (50%)				VT3 (25%)	
Jet Pump Restrainer Wedges		BWRVIP-41, Table 3.3-1	VT3 (50%)	VT3 (50%)	VT (50%)		VT1 (50%)		VT1 (50%)		VT1 (50%)		VT1 (25%)	
Jet Pump Restrainer Setscrews		Risk To Generation	VT3 (50%)	VT3 (50%)	VT (50%)		VT3 (50%)		VT3 (50%)		VT3 (50%)		VT3 (50%)	
Jet Pump Mixer Weld MX-1		BWRVIP-41, Table 3.3-1					EVT1 (100%)							
Jet Pump Mixer/Diffuser Welds (above shell)		BWRVIP-41, Table 3.3-1					UT (100%)							
Jet Pump Diffuser/Adapter Welds (below shell)		Risk To Generation					UT (100%)	UT (4 flaws)	EVT1 (4 flaws)		UTorEVT1(50%)		EVT1 (4 flaws)	
Jet Pump Sensing Lines		Risk To Generation	VT3 (50%)		VT (50%)		VT3 (50%)		VT3 (50%)		VT3 (50%)		VT3 (50%)	
Lower Plenum (CRD, Core Shroud Support)		BWRVIP-47 NRC Correspondence	W H E N A C C E S S I B L E											
Lower Plenum (Core Plate, Incore, SLC)		Risk To Generation	W H E N A C C E S S I B L E											
Miscellaneous Vessel Internal Attachments		BWRVIP-48, Table 3-2							EVT1,VT1,3					EVT1,VT1,3
Orificed Fuel Support Castings		BWRVIP-47, Table 3.2-1	VT3	VT3	VT3									
SLC Nozzle-to-Safe End Weld		BWRVIP-27, Section 3.3.1			EVT2*	EVT2*	EVT2*	PT	UT					
Steam Dryer		SIL 644, Supplement 1			VT3	VT3 (flaws)			VT3				VT3	
Steam Dryer Support Bracket (at 215°)		BWRVIP-48, Table 3-2	VT3		VT3,UT(flaw)		VT3,UT(flaw)	EVT1						
Steam Separator/Shroud Head		Risk To Generation			VT3				VT3				VT3	
Steam Separator Hold-down bolts		Risk To Generation		VT3										
Top Guide Aligner Assemblies		BWRVIP-26, Table 3-2 and Calc.		VT1 (2)		VT1 (2)								
Top Guide Hold-down Assemblies		BWRVIP-26, Table 3-2		VT3 (4)		VT1 (2)		VT1 (2)		VT1 (2)		VT1 (2)		VT1 (2)
Top Guide Bolts (Rim and Cover Plate)		Risk To Generation					VT3				VT3			
Top Guide Grid Beams		BWRVIP-26, Section 3.2.2	VT	VT	MVT1	VT1								
Vessel Cladding		NRC Commitment		UT (aut)				UT (man)						

Table Key

- Standard Print = Inspections mandated by ASME, BWRVIP, or NRC commitments
- Italics* = Inspections recommended for Risk-To-Generation purposes
- UT = Ultrasonic Testing performed or planned
- UT (aut or man) = Either automated or manual Ultrasonic Testing
- ET = Eddy Current Testing performed or planned
- VT = Visual Testing performed or planned
- EVT1 = EVT-1; Enhanced Visual Test to look for cracking; 1/2 mil wire resolution with cleaning assessment
- EVT2* = Enhanced Leakage Inspection (direct view of component during pressure test)
- VT1 = VT-1; Visual Test to look for cracks, wear, corrosion, etc.; resolution required: 1/32" black line
- VT3 = VT-3; Visual Test to determine general mechanical/structural condition; no resolution requirements
- CSVT1 or MVT1 = CSVT-1 or MVT-1; Core Spray Visual Test or Modified VT-1, no longer a defined test method; 1 mil wire resolution
- (IN) = If necessary (to complete minimum number of inspections not performed in previous outage)
- (all, number, %, or flaw) = Perform inspection on all components, limited number (or percentage) of components, or just flawed components