



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I**
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

September 3, 2013

Mr. Chris Wamser, Site Vice President
Entergy Nuclear Operations, Inc.
Vermont Yankee Nuclear Power Station
320 Governor Hunt Road
Vernon, VT 05354

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – VERMONT
YANKEE NUCLEAR POWER STATION (REPORT 05000271/2013006)**

Dear Mr. Wamser:

On August 15, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of Vermont Yankee Nuclear Power Station (Vermont Yankee). The NRC reviewed the most recent quarterly performance indicators in addition to inspection results and enforcement actions from July 1, 2012, through June 30, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, Vermont Yankee operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Vermont Yankee during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low safety significance (Green), and all performance indicators demonstrated that your performance was within the nominal, expected range (Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to baseline inspections, the NRC will perform Inspection Procedure 71003, "Post-Approval Site Inspection for License Renewal," and Temporary Instruction 2515/182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks." The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC is aware of your recent announcement on August 27, 2013, regarding plans to permanently shutdown and decommission Vermont Yankee in 2014. The NRC will remain in contact with you to discuss any related changes to the inspection plan should they be warranted. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS)

component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at (610) 337-5200 with any questions you have regarding this letter.

Sincerely,

/RA/

Fred L. Bower III, Acting Chief
Projects Branch 5
Division of Reactor Projects

Docket No: 50-271
License No: DPR-28

Enclosure: Vermont Yankee
Inspection/Activity Plan

cc w/encl: Distribution via ListServ

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| D. Roberts, DRP | RidsNrrPMVermontYankee Resource |
| M. Scott, DRP | RidsNrrDorLI1-1 Resource |
| R. Lorson, DRS | ROPreports Resource |
| J. Rogge, DRS | DRS Branch Chiefs (6) |
| F. Bower, DRP | D. Screnci, PAO |
| S. Shaffer, DRP | N. Sheenan, PAO |
| E. Keighley, DRP | N. McNamara, SLO |
| J. DeBoer, DRP | D. Tift, SLO |
| S. Rutenkroger, DRP, SRI | ROPassessment Resource |
| S. Rich, DRP, RI | RidsNrrDirslpabResource |

DOCUMENT NAME: S:\ROP Assessment Meetings Archive\ROP-14 Mid-Cycle Review\Branch 5\VY\2013 MC Letter VY.docx
 ADAMS ACCESSION NUMBER: **ML13246A005**

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NAME	SRutenkroger/SPR via telecom	SShaffer/SWS	FBower/FLB		
DATE	8/30/13	8/30/13	9/3/13		

OFFICIAL RECORD COPY

Vermont Yankee
 Inspection / Activity Plan
 07/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			71124 - HP		1
1	07/08/2013	07/12/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	07/08/2013	07/12/2013	IP 71124.02	Occupational ALARA Planning and Controls	
			TI 182 - DEGRAD UNDERGROUND PIPING - PHASE 2		1
1	07/15/2013	07/19/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			71152 - PI&R: RCIC STEAM LEAKS & INOP		1
1	08/05/2013	08/09/2013	IP 71152	Problem Identification and Resolution	
			71124 - HP		1
1	08/12/2013	08/16/2013	IP 71124.04	Occupational Dose Assessment	
1	08/12/2013	08/16/2013	IP 71124.05	Radiation Monitoring Instrumentation	
			TRI FI - TRIENNIAL FIRE PROTECTION INSPECTION		4
1	09/09/2013	09/13/2013	IP 7111105T	Fire Protection [Triennial]	
1	09/23/2013	09/27/2013	IP 7111105T	Fire Protection [Triennial]	
			71003 - LR COMMITMENT FOLLOWUP		2
1	09/17/2013	09/18/2013	IP 71003	Post-Approval Site Inspection for License Renewal	
			2/10EXAM - VY INITIAL OL EXAM		3
1	01/13/2014	01/17/2014	U01897	FY14-VERMONT YANKEE INITIAL OPERATOR LICENSING EXAM	
1	02/10/2014	02/14/2014	U01897	FY14-VERMONT YANKEE INITIAL OPERATOR LICENSING EXAM	
			71124 - RETS & RAD SAFETY PI VERIFICATION		1
1	11/18/2013	11/22/2013	IP 71124.05	Radiation Monitoring Instrumentation	
1	11/18/2013	11/22/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	11/18/2013	11/22/2013	IP 71151	Performance Indicator Verification	
			71124 - HP		1
1	02/24/2014	02/28/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	02/24/2014	02/28/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	02/24/2014	02/28/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	02/24/2014	02/28/2014	IP 71124.04	Occupational Dose Assessment	
			71124 - HP		1
1	04/21/2014	04/25/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	04/21/2014	04/25/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1	04/21/2014	04/25/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			711111B - VY REQUAL INSPECTON WITH P/F RESULTS		2
1	06/23/2014	06/27/2014	IP 711111B	Licensed Operator Requalification Program	

This report does not include INPO and OUTAGE activities.
 This report shows only on-site and announced inspection procedures.

Vermont Yankee
 Inspection / Activity Plan
 07/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
CDBI - CDBI					7
1	05/19/2014	05/23/2014	IP 7111121	Component Design Bases Inspection	
1	06/02/2014	06/06/2014	IP 7111121	Component Design Bases Inspection	
1	06/16/2014	06/20/2014	IP 7111121	Component Design Bases Inspection	
EP PROG - EP PROGRAM INSPECTION					1
1	07/21/2014	07/25/2014	IP 7111402	Alert and Notification System Testing	
1	07/21/2014	07/25/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	07/21/2014	07/25/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
71124.07 - REMP					1
1	07/28/2014	08/01/2014	IP 71124.07	Radiological Environmental Monitoring Program	
7111108G - INSERVICE INSPECTION					1
1	10/20/2014	10/24/2014	IP 7111108G	Inservice Inspection Activities - BWR	

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 This report shows only on-site and announced inspection procedures.