

August 26, 2003

Mr. Jay K. Thayer  
Site Vice President - Vermont Yankee  
Entergy Nuclear Vermont Yankee, LLC  
P.O. Box 0500  
185 Old Ferry Road  
Brattleboro, Vermont 05302-0500

Dear Mr. Thayer:

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN -  
VERMONT YANKEE NUCLEAR POWER STATION**

On July 30, 2003, the NRC staff completed its mid-cycle plant performance review of Vermont Yankee Nuclear Power Station. The mid-cycle reviews for Vermont Yankee involved the participation of all technical divisions in evaluating performance for the first half of the calendar year 2003 assessment cycle. The process included a review of performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. The purpose of this letter is to inform you of our assessment of your safety performance and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Plant performance for the most recent quarter was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through September 30, 2004.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last six months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

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Jay K. Thayer

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If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (610) 337-5227 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Clifford Anderson, Chief  
Projects Branch 5  
Division of Reactor Projects

Docket No. 50-271  
Licensee No. DPR-28

Enclosure: Vermont Yankee Nuclear Power Station Inspection/Activity Plan

cc w/encl: M. R. Kansler, President, Entergy Nuclear Operations, Inc.  
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<b>NAME</b>	<b>FArner/FJA</b>	<b>CAnderson/CA</b>				
<b>DATE</b>	<b>08/26/03</b>	<b>08/26/03</b>	<b>08/ /03</b>	<b>08/ /03</b>	<b>08/ /03</b>	

**OFFICIAL RECORD COPY**

**Vermont Yankee**  
**Inspection / Activity Plan**  
**06/29/2003 - 10/02/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>71152B</b>	<b>- PROBLEM IDENTIFICATION AND RESOLUTION</b>	<b>7</b>			
1	IP 71152B	Identification and Resolution of Problems		08/11/2003	08/15/2003	Baseline Inspections
1	IP 71152B	Identification and Resolution of Problems		08/25/2003	08/29/2003	Baseline Inspections
	<b>71122.03</b>	<b>- PUB RAD SAFETY - REMP</b>	<b>1</b>			
1	IP 7112203	Radiological Environmental Monitoring Program		07/07/2003	07/11/2003	Baseline Inspections
	<b>71151</b>	<b>- EP PI VERIFICATION</b>	<b>1</b>			
1	IP 71151	Performance Indicator Verification		08/18/2003	08/22/2003	Baseline Inspections
	<b>T1148BC</b>	<b>- SEC ICM</b>	<b>6</b>			
1	IP 2515/148	Inspection of Nuclear Reactor Safeguards - Interim Compensatory Measures		08/18/2003	08/22/2003	Safety Issues
	<b>10/6 EXM</b>	<b>- OPERATOR LICENSING INITIAL EXAMS</b>	<b>3</b>			
1	U01498	VERMONT YANKEE INITIAL EXAM (10/6/03)		09/08/2003	09/12/2003	Not Applicable
1	U01498	VERMONT YANKEE INITIAL EXAM (10/6/03)		10/06/2003	10/10/2003	Not Applicable
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		09/15/2003	09/19/2003	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		09/15/2003	09/19/2003	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/15/2003	09/19/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/15/2003	09/19/2003	Baseline Inspections
	<b>711112B</b>	<b>- MAINTENANCE RULE</b>	<b>2</b>			
1	IP 711112B	Maintenance Effectiveness		10/20/2003	10/24/2003	Baseline Inspections
	<b>71122.02</b>	<b>- PUB RAD SAFETY - RADWASTE</b>	<b>1</b>			
1	IP 7112202	Radioactive Material Processing and Transportation		11/17/2003	11/21/2003	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		02/02/2004	02/06/2004	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		02/02/2004	02/06/2004	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		02/02/2004	02/06/2004	Baseline Inspections
	<b>7111108G</b>	<b>- INSERVICE INSPECTION</b>	<b>4</b>			
1	IP 7111108G	Inservice Inspection Activities - BWR		04/12/2004	04/16/2004	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		04/19/2004	04/23/2004	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		04/19/2004	04/23/2004	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		04/19/2004	04/23/2004	Baseline Inspections
	<b>711111B</b>	<b>- LO REQUALIFICATION PROGRAM</b>	<b>2</b>			
1	IP 711111B	Licensed Operator Requalification		07/19/2004	07/25/2004	Baseline Inspections

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

**Vermont Yankee**  
**Inspection / Activity Plan**  
**06/29/2003 - 10/02/2004**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
<b>71114 - EP PRGM INSP &amp; PI VERIFICATION</b>			<b>1</b>			
1	IP 7111402	Alert and Notification System Testing		08/02/2004	08/06/2004	Baseline Inspections
1	IP 7111403	Emergency Response Organization Augmentation Testing		08/02/2004	08/06/2004	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		08/02/2004	08/06/2004	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		08/02/2004	08/06/2004	Baseline Inspections
1	IP 71151	Performance Indicator Verification		08/02/2004	08/06/2004	Baseline Inspections
<b>711121 - SSDI</b>			<b>6</b>			
1	IP 711121	Safety System Design and Performance Capability		08/16/2004	08/20/2004	Baseline Inspections
1	IP 711121	Safety System Design and Performance Capability		08/30/2004	09/03/2004	Baseline Inspections
<b>71111.05 - TRIENNIAL FIRE PROTECTION</b>			<b>3</b>			
1	IP 7111105T	Fire Protection		09/13/2004	09/17/2004	Baseline Inspections
1	IP 7111105T	Fire Protection		09/27/2004	10/01/2004	Baseline Inspections
<b>7112201 - PUB RAD SAFETY - RETS</b>			<b>1</b>			
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		09/13/2004	09/17/2004	Baseline Inspections