

May 31, 2001

Mr. Michael A. Balduzzi  
Senior Vice President, Nuclear Operations  
Vermont Yankee Nuclear Power Corporation  
185 Old Ferry Road  
Brattleboro, Vermont 05302-7002

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

Dear Mr. Balduzzi:

On May 9, 2001, the NRC staff completed its end-of-cycle plant performance assessment of the Vermont Yankee Nuclear Power Station. The end-of-cycle review for Vermont Yankee involved the participation of the responsible technical divisions in Region I in evaluating the performance indicators (PIs) and inspection results for the period of April 1, 2000, through March 31, 2001. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility. On June 28, 2001, we plan to present this assessment to you and your staff in a meeting at your visitor center auditorium. The meeting will be open for public observation.

Overall, Vermont Yankee operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance at Vermont Yankee 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, no inspections beyond the baseline program are planned at your facility between now and May 31, 2002.

Enclosure 1 details the scheduled inspections that will occur through May 31, 2002. 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 last few months of the inspection plans are tentative and may be revised.

For your information, the NRC is in the process of aligning the inspection and assessment cycle with the calendar year. In order to transition to a calendar year cycle (January 1 - December 31), the next inspection and assessment cycle will consist of only three quarters (i.e., the second, third and fourth calendar quarters of CY 2001). As a result, a quarterly review will be conducted for the third calendar quarter (July 1 - September 30) in lieu of a mid-cycle review. The impact on the inspection plan is minimal.

Mr. Michael Balduzzi  
Vermont Yankee

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If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (610) 337-5211 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Glenn W. Meyer, Chief  
Division of Reactor Projects Branch 3

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

Enclosure: Vermont Yankee Inspection/Activity Plan

Mr. Michael Balduzzi  
Vermont Yankee

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cc: w/enclosure

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G. Sen, Licensing Manager, Vermont Yankee Nuclear Power Corporation  
D. Rapaport, Director, Vermont Public Interest Research Group, Inc.  
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D. Katz, Citizens Awareness Network (CAN)  
M. Daley, New England Coalition on Nuclear Pollution, Inc. (NECNP)  
R. Shadis, New England Coalition Staff  
State of New Hampshire, SLO Designee  
State of Vermont, SLO Designee  
Commonwealth of Massachusetts, SLO Designee  
J. Bean, Regional Director - FEMA Region I  
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L. Peduzzi, Chair, Board of Selectman  
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R. Fagelson, Chair, Board of Selectman  
F. Humphrey, Chair, Board of Selectman  
W. Sherman, Department of Public Service  
The Honorable Peter Shumlin  
The Honorable Nancy Chard  
The Honorable Pat O'Donnell

Mr. Michael Balduzzi  
Vermont Yankee

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**Vermont Yankee**  
**Inspection / Activity Plan**  
**06/01/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
<b>7111105T - FIRE PROTECTION</b>			<b>4</b>			
1	IP 7111105T	Fire Protection		06/25/2001	06/29/2001	Baseline Inspections
1	IP 7111105T	Fire Protection		07/09/2001	07/13/2001	Baseline Inspections
<b>71121 - OCC RAD SAFETY</b>			<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/30/2001	08/03/2001	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		07/30/2001	08/03/2001	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		07/30/2001	08/03/2001	Baseline Inspections
<b>71152 - PROBLEM IDENTIFICATION &amp; RESOLUTION</b>			<b>3</b>			
1	IP 71152	Identification and Resolution of Problems		08/27/2001	08/31/2001	Baseline Inspections
1	IP 71152	Identification and Resolution of Problems		09/10/2001	09/14/2001	Baseline Inspections
<b>81110 - OSRE</b>			<b>2</b>			
1	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy)		08/20/2001	08/24/2001	Baseline Inspections
1	IP 81110	Operational Safeguards Response Evaluation (OSRE)		08/20/2001	08/24/2001	Regional Initiative
<b>7111401 - EP EXERCISE EVALUATION</b>			<b>6</b>			
1	IP 7111401	Exercise Evaluation		09/03/2001	09/07/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		09/03/2001	09/07/2001	Baseline Inspections
<b>7111112B - MAINT RULE</b>			<b>1</b>			
1	IP 7111112B	Maintenance Rule Implementation		10/01/2001	10/05/2001	Baseline Inspections
<b>71121 - OCC RAD SAFETY</b>			<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		10/01/2001	10/05/2001	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		10/01/2001	10/05/2001	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		10/01/2001	10/05/2001	Baseline Inspections
<b>7112203 - REMP</b>			<b>1</b>			
1	IP 7112203	Radiological Environmental Monitoring Program		10/08/2001	10/12/2001	Baseline Inspections
<b>7111117B - PERMANENT PLANT MODIFICATIONS</b>			<b>3</b>			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		10/22/2001	10/26/2001	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		10/22/2001	10/26/2001	Baseline Inspections
<b>7112202 - RADWASTE</b>			<b>1</b>			
1	IP 7112202	Radioactive Material Processing and Transportation		11/05/2001	11/09/2001	Baseline Inspections
<b>71121 - OCC RAD SAFETY</b>			<b>1</b>			
1	IP 7112102	ALARA Planning and Controls		01/07/2002	01/11/2002	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		01/07/2002	01/11/2002	Baseline Inspections
1	IP 71151	Performance Indicator Verification		01/07/2002	01/11/2002	Baseline Inspections
<b>71130 - SECURITY</b>			<b>1</b>			
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		03/25/2002	03/29/2002	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**  
**06/01/2001 - 05/31/2002**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>71130</b>	<b>- SECURITY</b>	<b>1</b>			
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizatio		03/25/2002	03/29/2002	Baseline Inspections
	<b>71121</b>	<b>- OCC RAD SAFETY</b>	<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		05/06/2002	05/10/2002	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		05/06/2002	05/10/2002	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		05/06/2002	05/10/2002	Baseline Inspections

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