



Entergy Nuclear Vermont Yankee, LLC  
Entergy Nuclear Operations, Inc.  
185 Old Ferry Road  
Brattleboro, VT 05302-0500

March 31, 2003  
BVY 03-31

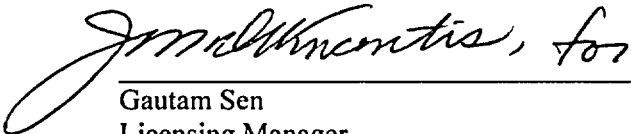
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

**Subject: Vermont Yankee Nuclear Power Station  
License No. DPR-28 (Docket No. 50-271)  
2002 Annual Report of Personnel Exposure**

The purpose of this letter is to submit the Vermont Yankee (VY) annual report of personnel exposure in accordance with the requirements of section 6.6.A of the VY Technical Specifications. The attached report, titled "Reg. Guide 1.16 Man-Rem Final End of Year Report for 2002," includes a summary of the special maintenance conducted during 2002. This report covers the period beginning January 1, 2002 and ending December 31, 2002.

We trust that the information provided is adequate; however, should you have questions or require additional information, please contact Mr. Jim DeVincentis at (802) 258-4236.

Sincerely,

  
\_\_\_\_\_  
Gautam Sen  
Licensing Manager

Attachment

cc: USNRC Region 1 Administrator  
USNRC Resident Inspector – VYNPS  
USNRC Project Manager – VYNPS  
Vermont Department of Public Service

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## SUMMARY OF VERMONT YANKEE COMMITMENTS

BVY NO.: 03-31 "2002 Annual Report of Personnel Exposure"

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

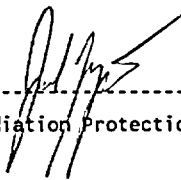
Vermont Yankee Nuclear Power  
 REG. GUIDE 1.16 MAN-REM FINAL END OF THE YEAR REPORT FOR 2002

	NUMBER OF PERSONNEL OVER 100 MREM			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS AND OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS AND OTHERS
<b>REACTOR OPERATIONS &amp; SURVEILLANCE</b>						
MAINTENANCE	51	0	42	16.683	0.029	17.294
OPERATIONS	10	0	0	2.998	0.000	0.000
HEALTH PHYSICS	11	0	3	3.361	0.000	1.111
SUPERVISORY	0	0	0	0.040	0.000	0.029
ENGINEERING	0	0	0	0.356	0.000	0.006
OTHER	2	0	0	0.448	0.017	0.000
SECURITY	0	0	0	0.019	0.000	0.000
<b>ROUTINE MAINTENANCE</b>						
MAINTENANCE	60	1	273	19.956	0.152	77.359
OPERATIONS	8	0	0	2.301	0.000	0.000
HEALTH PHYSICS	6	0	3	1.563	0.000	0.613
SUPERVISORY	1	0	0	0.218	0.000	0.000
ENGINEERING	1	0	2	0.389	0.000	0.475
OTHER	1	0	0	0.470	0.014	0.000
SECURITY	0	0	0	0.000	0.000	0.000
<b>INSERVICE INSPECTION</b>						
MAINTENANCE	1	0	8	0.274	0.000	2.406
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.009	0.000	0.007
SUPERVISORY	0	0	0	0.000	0.000	0.021
ENGINEERING	0	0	0	0.002	0.000	0.046
OTHER	0	0	0	0.000	0.000	0.000
SECURITY	0	0	0	0.000	0.000	0.000
<b>SPECIAL MAINTENANCE</b>						
MAINTENANCE	0	0	4	0.163	0.000	0.961
OPERATIONS	0	0	0	0.038	0.000	0.000
HEALTH PHYSICS	0	0	0	0.011	0.000	0.011
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.064	0.000	0.000
OTHER	0	0	0	0.013	0.000	0.000
SECURITY	0	0	0	0.000	0.000	0.000
<b>WASTE PROCESSING</b>						
MAINTENANCE	0	0	1	0.046	0.000	0.100
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.021	0.000	0.054
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.000	0.000	0.000
OTHER	0	0	0	0.000	0.000	0.000
SECURITY	0	0	0	0.000	0.000	0.000
<b>REFUELING</b>						
MAINTENANCE	0	0	0	0.000	0.000	0.000
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.000	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.000	0.000	0.000
OTHER	0	0	0	0.000	0.000	0.000
SECURITY	0	0	0	0.000	0.000	0.000

TOTALS

MAINTENANCE	112	1	328	37.122	0.182	98.121
OPERATIONS	18	0	0	5.337	0.000	0.000
HEALTH PHYSICS	17	0	6	4.965	0.000	1.796
SUPERVISORY	1	0	0	0.258	0.000	0.050
ENGINEERING	1	0	2	0.811	0.000	0.527
OTHER	3	0	0	0.932	0.031	0.000
SECURITY	0	0	0	0.019	0.000	0.000

GRAND TOTAL 152 1 336 49.443 0.213 100.494

Approved by :  -----  
Radiation Protection Manager

2/28/03  
Date

# **Vermont Yankee Nuclear Power Dose Totals for Special Maintenance in 2002**

RBCCW modification	0.829 REM
RWCU Flow temperature modification	0.143 REM