

# VERMONT YANKEE NUCLEAR POWER CORPORATION

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February 19, 2002  
BVY 02-10

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

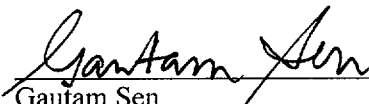
**Subject: Vermont Yankee Nuclear Power Station  
License No. DPR-28 (Docket No. 50-271)  
2001 Annual Report of Personnel Exposure**

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 2001," includes a summary of the special maintenance conducted during 2001. This report covers the period beginning January 1, 2001 and ending December 31, 2001.

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,

VERMONT YANKEE NUCLEAR POWER CORPORATION



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.: 02-10 "2001 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.**

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Vermont Yankee Nuclear Power  
REG. GUIDE 1.16 MAN-REM FINAL END OF THE YEAR REPORT FOR 2001

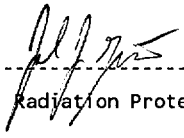
	NUMBER OF PERSONNEL OVER 100 MREM			TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS AND OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS AND OTHERS
REACTOR OPERATIONS & SURVEILLANCE						
MAINTENANCE	35	0	51	11.276	0.040	20.917
OPERATIONS	14	0	0	3.841	0.000	0.000
HEALTH PHYSICS	13	0	3	3.658	0.000	1.583
SUPERVISORY	0	0	0	0.024	0.000	0.000
ENGINEERING	0	0	0	0.258	0.000	0.004
OTHER	2	0	0	0.261	0.000	0.018
SECURITY	1	0	0	0.255	0.000	0.008
ROUTINE MAINTENANCE						
MAINTENANCE	30	1	231	8.456	0.148	70.933
OPERATIONS	4	0	0	1.394	0.000	0.000
HEALTH PHYSICS	3	0	0	1.050	0.000	0.103
SUPERVISORY	0	0	0	0.063	0.000	0.000
ENGINEERING	0	0	0	0.060	0.000	0.014
OTHER	1	0	0	0.281	0.000	0.022
SECURITY	0	0	0	0.011	0.000	0.000
INSERVICE INSPECTION						
MAINTENANCE	0	0	20	0.118	0.000	7.204
OPERATIONS	0	0	0	0.002	0.000	0.000
HEALTH PHYSICS	0	0	0	0.046	0.000	0.075
SUPERVISORY	0	0	0	0.005	0.000	0.000
ENGINEERING	0	0	0	0.014	0.000	0.000
OTHER	0	0	0	0.033	0.000	0.017
SECURITY	0	0	0	0.000	0.000	0.000
SPECIAL MAINTENANCE						
MAINTENANCE	3	0	21	1.336	0.000	7.503
OPERATIONS	0	0	0	0.016	0.000	0.000
HEALTH PHYSICS	0	0	0	0.270	0.000	0.002
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	0.043
SECURITY	0	0	0	0.000	0.000	0.000
WASTE PROCESSING						
MAINTENANCE	0	0	0	0.000	0.000	0.096
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.012	0.000	0.017
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
REFUELING						
MAINTENANCE	0	0	0	0.239	0.014	0.650
OPERATIONS	0	0	0	0.062	0.000	0.000
HEALTH PHYSICS	0	0	0	0.012	0.000	0.000
SUPERVISORY	0	0	0	0.014	0.000	0.000
ENGINEERING	0	0	0	0.002	0.000	0.000
OTHER	0	0	0	0.019	0.000	0.005
SECURITY	0	0	0	0.000	0.000	0.000

TOTALS

MAINTENANCE	68	1	323	21.426	0.203	107.303
OPERATIONS	18	0	0	5.314	0.000	0.000
HEALTH PHYSICS	16	0	3	5.047	0.000	1.780
SUPERVISORY	0	0	0	0.106	0.000	0.000
ENGINEERING	0	0	0	0.333	0.000	0.018
OTHER	3	0	0	0.595	0.000	0.105
SECURITY	1	0	0	0.266	0.000	0.008

GRAND TOTAL	106	1	326	33.087	0.203	109.215
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Approved by :

  
Radiation Protection Manager

2/8/02  
Date

**Vermont Yankee Nuclear Power Corp.**  
**Dose Totals for Special Maintenance in 2001**

RBCCW modification	0.354 REM
Main steam line drain modification	1.283 REM
Drywell seal modification	8.788 REM