



Entergy Nuclear Northeast
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March 31, 2005
BVY 05-035

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

**Subject: Vermont Yankee Nuclear Power Station
License No. DPR-28 (Docket No. 50-271)
2004 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 the Year Report for 2004," includes a summary of the special maintenance conducted during 2004. This report covers the period beginning January 1, 2004 and ending December 31, 2004.

There are no new commitments being made in this submittal.

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

Sincerely,



James M. DeVincentis
Manager, Licensing
Vermont Yankee Nuclear Power Station

Attachment

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

JES

Vermont Yankee Nuclear Power
 REG. GUIDE 1.16 MAN-REM FINAL END OF THE YEAR REPORT FOR 2004

	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	29	1	24	10.563	0.351	11.321
OPERATIONS	4	0	0	1.667	0.000	0.000
HEALTH PHYSICS	19	2	10	8.641	0.296	2.914
SUPERVISORY	0	0	0	0.123	0.000	0.000
ENGINEERING	3	0	2	1.124	0.002	1.121
OTHER	3	0	0	0.616	0.070	0.100
SECURITY	0	0	0	1.096	0.000	0.014
ROUTINE MAINTENANCE						
MAINTENANCE	51	9	287	16.407	3.741	90.294
OPERATIONS	6	0	0	2.244	0.000	0.000
HEALTH PHYSICS	9	1	14	4.092	0.462	4.909
SUPERVISORY	0	0	0	0.124	0.000	0.000
ENGINEERING	2	0	7	0.899	0.051	2.949
OTHER	1	3	0	0.864	0.673	0.194
SECURITY	0	0	0	0.002	0.000	0.000
INSERVICE INSPECTION						
MAINTENANCE	0	0	7	0.001	0.000	2.400
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.000	0.000	0.002
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	1	0.071	0.000	0.201
OTHER	0	0	0	0.000	0.000	0.000
SECURITY	0	0	0	0.000	0.000	0.000
SPECIAL MAINTENANCE						
MAINTENANCE	0	0	49	0.034	0.098	24.398
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.000	0.000	0.546
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	2	0.057	0.000	0.632
OTHER	0	0	0	0.000	0.000	0.000
SECURITY	0	0	0	0.000	0.000	0.000
WASTE PROCESSING						
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
REFUELING						
MAINTENANCE	10	5	28	3.642	1.616	7.164
OPERATIONS	0	0	0	0.125	0.000	0.000
HEALTH PHYSICS	2	0	8	0.256	0.162	1.692
SUPERVISORY	1	0	0	0.155	0.000	0.000
ENGINEERING	0	0	0	0.055	0.000	0.036
OTHER	0	0	0	0.082	0.000	0.004
SECURITY	0	0	0	0.000	0.000	0.000

TOTALS

MAINTENANCE	90	15	395	30.647	5.806	135.576
OPERATIONS	10	0	0	4.036	0.000	0.000
HEALTH PHYSICS	30	3	32	12.989	0.920	10.063
SUPERVISORY	1	0	0	0.402	0.000	0.000
ENGINEERING	5	0	12	2.205	0.053	4.939
OTHER	4	3	0	1.562	0.743	0.298
SECURITY	0	0	0	1.098	0.000	0.014

GRAND TOTAL 140 21 439 52.939 7.522 150.890

Approved by : 
Radiation Protection Manager

3/28/05
Date

Vermont Yankee Nuclear Power Corp.

Dose Totals for Special Maintenance in 2004

Steam Dryer Modifications	15.511 REM
HP Heater replacement	2.816 REM
New Safety Valve	1.255 REM
Permanent Drywell Shielding	6.099 REM

NRC Submittal Review Form

Letter #: BYY 05-035

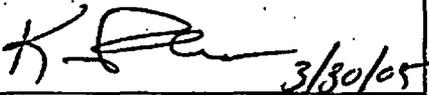
Response Due: 3/31/05

Subject: 2004 Annual Report of Personnel Exposure

Date Issued for Review: 3/29/05

Correspondence Preparer / Phone #: J. Meyer / x4105

Section I Letter Concurrence and Agreement to Perform Actions

POSITION / NAME	ACTION <small>(concurrence, certification, etc.)</small>	SIGNATURE <small>(sign, interoffice memo, e-mail, or telecom)</small>
RP Manager Kevin Pushee	Concurrence and certification	
COMMENTS		



Section II Correspondence Screening

Does this letter contain commitments? If "yes," identify the commitments with due dates in the submittal and in Section III.	Yes No	<input type="checkbox"/> <input checked="" type="checkbox"/>
Does this letter contain any information or analyses of new safety issues performed at NRC request or to satisfy a regulatory requirement? If "yes," reflect requirement to update the UFSAR in Section III	Yes No	<input type="checkbox"/> <input checked="" type="checkbox"/>
Does this letter request NRC approval of a change that may/will require UFSAR, TS Bases, or other Licensing documents to be updated if approved? If "yes," reflect requirement to update the applicable Licensing document in Section III.	Yes No	<input type="checkbox"/> <input checked="" type="checkbox"/>
Does this letter require procedure changes, if approved? If "yes," indicate in Section III an action for the responsible department to determine the affected procedures. (The correspondence preparer may indicate the specific procedures requiring revision, if known.)	Yes No	<input type="checkbox"/> <input checked="" type="checkbox"/>
Does this letter contain information certified accurate? If "yes," identify the information and document certification in an attachment. (Attachment 9.6 may be used.)	Yes No	<input type="checkbox"/> <input checked="" type="checkbox"/>

Section III Action Items

Required Actions <i>Note: Actions needed upon approval should be captured in the appropriate action tracking system</i>	Due Date	Responsible Dept.
None	N/A	N/A

Section IV Final Document Signoff for Submittal

Correspondence Preparer	J. Meyer 
Final Submittal Review (optional)	N/A
Responsible Department Head	J. DeVincentis 