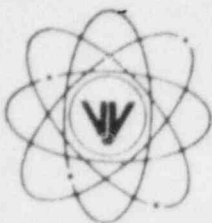


VERMONT YANKEE NUCLEAR POWER CORPORATION



RD 5, Box 169, Ferry Road, Brattleboro, VT 05301

10.R4.4

REPLY TO:

ENGINEERING OFFICE

1671 WORCESTER ROAD
FRAMINGHAM, MASSACHUSETTS 01701
TELEPHONE 617-872-8100

March 12, 1984
FVY 84-19

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, PA 19406

Attention: Dr. Thomas E. Murley, Regional Administrator

References: (a) License No. DPR-28 (Docket No. 50-271)

Subject: Personnel Exposure Report

Dear Sir:

Enclosed please find one (1) copy of the Personnel Exposure Report for Vermont Yankee Nuclear Power Corporation, as required by our Technical Specification 6.7.A.2. This report covers the period beginning January 1, 1983 and ending December 31, 1983.

We trust this report is acceptable; however, should you have any questions, please contact us.

Very truly yours,

VERMONT YANKEE NUCLEAR POWER CORPORATION

J.B. Sinclair
J. B. Sinclair
Licensing Engineer

JBS/smh

8403230140 831231
PDR ADOCK 05000271
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1983

	-----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 PERSONNEL	10	0	2	18.860	.000	1.218
OPERATING PERSONNEL	67	0	1	66.710	.000	.101
HEALTH PHYSICS PERSONNEL	24	2	52	44.612	.303	51.750
SUPERVISORY PERSONNEL	1	1	13	2.089	.313	4.159
ENGINEERING PERSONNEL	26	0	7	23.424	.000	1.542
ROUTINE MAINTENANCE						
MAINTENANCE PERSONNEL	33	129	582	79.085	220.192	329.652
OPERATING PERSONNEL	20	0	0	9.881	.000	.000
HEALTH PHYSICS PERSONNEL	5	0	15	2.355	.000	5.216
SUPERVISORY PERSONNEL	3	0	1	1.345	.015	.193
ENGINEERING PERSONNEL	7	0	1	3.871	.000	.280
INSERVICE INSPECTION						
MAINTENANCE PERSONNEL	1	102	211	.329	87.001	110.719
OPERATING PERSONNEL	2	0	0	.888	.000	.000
HEALTH PHYSICS PERSONNEL	0	0	0	.031	.000	.058
SUPERVISORY PERSONNEL	1	0	0	.539	.000	.000
ENGINEERING PERSONNEL	3	0	1	.904	.000	.570
SPECIAL MAINTENANCE:						
NRC-MANDATED TORUS MODIFICATIONS AND PIPING RESUPPORT						
MAINTENANCE PERSONNEL	0	1	257	.322	.264	92.253
OPERATING PERSONNEL	0	0	0	.000	.000	.000
HEALTH PHYSICS PERSONNEL	0	0	0	.000	.000	.000
SUPERVISORY PERSONNEL	0	0	0	.008	.000	.000
ENGINEERING PERSONNEL	0	0	0	.008	.000	.066
WASTE PROCESSING						
MAINTENANCE PERSONNEL	0	0	0	.000	.000	.000
OPERATING PERSONNEL	8	0	0	7.412	.000	.000
HEALTH PHYSICS PERSONNEL	0	0	0	.000	.000	.000
SUPERVISORY PERSONNEL	0	0	0	.000	.000	.000
ENGINEERING PERSONNEL	0	0	0	.000	.000	.000
REFUELING						
MAINTENANCE PERSONNEL	1	0	0	.613	.120	.155
OPERATING PERSONNEL	1	0	0	1.411	.000	.000
HEALTH PHYSICS PERSONNEL	0	0	0	.004	.000	.000
SUPERVISORY PERSONNEL	0	0	0	.000	.000	.000
ENGINEERING PERSONNEL	4	0	0	.869	.000	.082
SPECIAL MAINTENANCE:						
NRC-MANDATED RECIRC PIPING REPAIRS						
MAINTENANCE PERSONNEL	18	67	301	40.846	113.726	170.260
OPERATING PERSONNEL	11	0	0	5.103	0	0
HEALTH PHYSICS PERSONNEL	2	0	7	1.217	0	2.694
SUPERVISORY PERSONNEL	1	0	0	.695	.008	.100
ENGINEERING PERSONNEL	3	0	0	1.999	0	.144

* SPECIAL REPORT *

1983

	-----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
SPECIAL MAINTENANCE:						
NRC-MANDATED SDV/HCU MODIFICATION						
MAINTENANCE PERSONNEL	1	1	54	.427	.335	15.538
OPERATING PERSONNEL	0	0	0	.000	.000	.000
HEALTH PHYSICS PERSONNEL	0	0	0	.000	.000	.000
SUPERVISORY PERSONNEL	1	1	0	.640	.527	.000
ENGINEERING PERSONNEL	2	0	0	1.152	.000	.000
TOTALS						
MAINTENANCE PERSONNEL	64	300	1407	140.482	421.638	719.795
OPERATING PERSONNEL	109	0	1	91.405	.000	.101
HEALTH PHYSICS PERSONNEL	31	2	74	48.219	.303	59.718
SUPERVISORY PERSONNEL	7	2	14	5.316	.863	4.452
ENGINEERING PERSONNEL	45	0	9	32.227	.000	2.684
GRAND TOTAL	256	304	1,505	317.649	422.804	786.750