



Entergy Nuclear Generation Company
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360

J. F. Alexander
Director
Nuclear Assessment

Tech Spec 5.6.1
Reg. Guide 1.16

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ENG C Ltr. 2.01.028

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Docket No. 50-293
License No. DPR-35

Subject: Number of Personnel and Man-Rem by Work and Job Function (CY-2000)

The enclosed table, "Number of Personnel and Man-Rem by Work and Job Function," for the year 2000 is submitted in accordance with the requirements of the Technical Specification 5.6.1, and as recommended by U.S. NRC Regulatory Guide 1.16. The tabulation supplements the reporting requirement of 10 CFR 20.2206.

The total dose measured by Self-Indicating Dosimeter (SID) was 54.052 man-rem. SID measurements are used for tracking dose assigned to job functions. As required by T.S. Section 5.6.1, at least 80% of the total whole body dose received from external sources was accounted for via radiation work permits assigned to specific major work functions.

Please do not hesitate to contact me directly if you have any questions.

DWE/jbb

Enclosure: Table of Number of Personnel and Man-Rem by Work and Job Function

cc: Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Sr. Resident Inspector - Pilgrim

IE56

ENTERGY NUCLEAR GENERATION COMPANY
PILGRIM NUCLEAR POWER STATION
ANNUAL REPORT
YEAR OF 2000

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

ALL PERSONNEL*				TOTAL MAN-REM		
WORK & JOB FUNCTION	Station Employees	Utility Employees	Contractors and Others	Station Employees	Utility Employees	Contractors and Others
REACTOR OPERATION & SURVEILLANCES						
-Maintenance	68	0	7	2.888	0.000	0.435
-Operations Personnel	75	0	112	7.969	0.000	2.066
-Health Physics	25	0	1	0.673	0.000	0.000
-Supervisory Personnel	38	0	37	0.366	0.000	0.294
-Engineering Personnel	33	1	10	0.311	0.001	0.016
ROUTINE MAINTENANCE						
-Maintenance	149	1	116	17.272	0.001	3.762
-Operations Personnel	95	5	93	3.626	0.004	0.254
-Health Physics	41	0	9	5.635	0.000	0.023
-Supervisory Personnel	64	5	30	1.417	0.024	0.406
-Engineering Personnel	106	8	64	2.029	0.024	0.569
INSERVICE INSPECTION						
-Maintenance	0	0	0	0.000	0.000	0.000
-Operations Personnel	1	0	0	0.002	0.000	0.000
-Health Physics	1	0	0	0.002	0.000	0.000
-Supervisory Personnel	0	0	0	0.000	0.000	0.000
-Engineering Personnel	1	0	0	0.002	0.000	0.000
SPECIAL MAINTENANCE***						
-Maintenance	0	0	0	0.000	0.000	0.000
-Operations Personnel	0	0	0	0.000	0.000	0.000
-Health Physics	3	0	0	0.048	0.000	0.000
-Supervisory Personnel	0	0	1	0.000	0.000	0.028
-Engineering Personnel	0	0	0	0.000	0.000	0.000

ALL PERSONNEL*				TOTAL MAN-REM		
WORK & JOB FUNCTION	Station Employees	Utility Employees	Contractors and Others	Station Employees	Utility Employees	Contractors and Others
WASTE PROCESSING						
-Maintenance	62	0	7	0.976	0.000	0.470
-Operations Personnel	22	0	12	0.444	0.000	0.382
-Health Physics	28	0	3	0.855	0.000	0.232
-Supervisory Personnel	10	0	6	0.112	0.000	0.435
-Engineering Personnel	2	0	0	0.001	0.000	0.000
REFUELING						
-Maintenance	0	0	0	0.000	0.000	0.000
-Operations Personnel	0	0	0	0.000	0.000	0.000
-Health Physics	0	0	0	0.000	0.000	0.000
-Supervisory Personnel	0	0	0	0.000	0.000	0.000
-Engineering Personnel	0	0	0	0.000	0.000	0.000
TOTALS BY JOB FUNCTION						
-Maintenance	279	1	130	21.135	0.001	4.668
-Operations Personnel	193	5	217	12.041	0.004	2.702
-Health Physics	98	0	13	7.213	0.000	0.255
-Supervisory Personnel	112	5	74	1.894	0.024	1.163
-Engineering Personnel	142	9	74	2.343	0.024	0.585
GRAND TOTALS**	824	20	508	44.625	0.053	9.374

* Workers may be counted in more than one category.

** Total dose by self-indicating dosimeter is 54.052 rem. Actual record dose by TLD is 50.797. Total TEDE dose is 50.797 rem.

*** Support NRC Inspections of Abandoned Radwaste Rooms.