



Entergy Nuclear Generation Co.
Pilgrim Station
600 Rocky Hill Road
Plymouth, MA 02360

William J. Riggs
Director, Nuclear Assessment

April 9, 2002

~~U.S. Nuclear Regulatory Commission~~
Attention: Document Control Desk
Washington, DC 20555-0001

SUBJECT: Entergy Nuclear Generation Company
Pilgrim Nuclear Power Station
Docket No.: 50-293 License No.: DPR-35

Personnel and Man-Rem by Work and Job Function (CY-2001)

LETTER NUMBER: 2.02.027

The enclosed table, "*Number of Personnel and Man-Rem by Work and Job Function*," for the year 2001 is submitted in accordance with Technical Specification 5.6.1, and as recommended by 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 180.609 man-rem. SID measurements are used for tracking dose assigned by job functions. In part, Technical Specification 5.6.1 specifies that in the aggregate, at least 80% of the total whole body dose received from external sources should be assigned to specific major work functions. The total dose was accounted for via radiation work permits assigned to specific major work functions.

Please feel free to contact Douglas Ellis, (508) 830-8160, if there are any questions regarding this subject.



W.J. Riggs

DWE/

Enclosure: (as stated)

cc:

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
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Senior NRC Resident Inspector

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WORK & JOB FUNCTION	ALL PERSONNEL*			TOTAL MAN-REM		
	Station Employees	Utility Employees	Contractors and Others	Station Employees	Utility Employees	Contractors and Others
WASTE PROCESSING						
-Maintenance	45	1	5	0.595	0.000	0.020
-Operations Personnel	28	1	9	0.890	0.000	0.348
-Health Physics	25	1	2	0.317	0.003	0.001
-Supervisory Personnel	8	0	2	0.051	0.000	0.204
-Engineering Personnel	1	0	0	0.000	0.000	0.000
REFUELING						
-Maintenance	91	1	46	4.181	0.002	4.978
-Operations Personnel	57	0	14	0.970	0.000	0.008
-Health Physics	19	3	16	0.660	0.524	2.450
-Supervisory Personnel	17	1	4	0.404	0.000	0.313
-Engineering Personnel	18	2	47	0.202	0.001	4.966
TOTALS BY JOB FUNCTION						
-Maintenance	401	18	880	38.201	1.575	61.443
-Operations Personnel	287	17	210	20.744	0.389	4.374
-Health Physics	134	30	164	11.375	2.196	16.365
-Supervisory Personnel	144	11	72	3.938	0.045	1.290
-Engineering Personnel	267	28	245	5.170	0.045	13.459
GRAND TOTALS**	1233	104	1571	79.428	4.251	96.930

* Workers may be counted in more than one category.

** Total dose by self-indicating dosimeter is 180.609 rem. Actual record dose by TLD is 179.410. Total TEDE dose is 179.585 rem.

*** NRC Operability Concerns with MOVs
Design Basis Issues with Torus Downcomers
Seismic Analysis Issues in Drywell

ENTERGY NUCLEAR GENERATION COMPANY
 PILGRIM NUCLEAR POWER STATION
 ANNUAL REPORT
 YEAR OF 2001

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

WORK & JOB FUNCTION	ALL PERSONNEL*			TOTAL MAN-REM		
	Station Employees	Utility Employees	Contractors and Others	Station Employees	Utility Employees	Contractors and Others
REACTOR OPERATION & SURVEILLANCES						
-Maintenance	83	4	161	1.237	0.028	3.018
-Operations Personnel	108	4	109	15.386	0.375	3.700
-Health Physics	41	19	58	5.908	1.476	2.338
-Supervisory Personnel	60	2	28	1.239	0.005	0.399
-Engineering Personnel	107	10	58	1.396	0.018	2.122
ROUTINE MAINTENANCE						
-Maintenance	153	10	529	31.099	1.423	44.927
-Operations Personnel	90	12	75	3.213	0.014	0.307
-Health Physics	40	7	86	4.281	0.193	11.110
-Supervisory Personnel	54	8	36	2.173	0.040	0.341
-Engineering Personnel	129	15	129	3.171	0.025	5.820
INSERVICE INSPECTION						
-Maintenance	8	0	123	0.025	0.000	8.236
-Operations Personnel	4	0	3	0.285	0.000	0.010
-Health Physics	6	0	0	0.118	0.000	0.000
-Supervisory Personnel	2	0	2	0.025	0.000	0.032
-Engineering Personnel	11	1	7	0.382	0.001	0.480
SPECIAL MAINTENANCE***						
-Maintenance	21	2	16	1.062	0.122	0.263
-Operations Personnel	0	0	0	0.000	0.000	0.000
-Health Physics	3	0	2	0.092	0.000	0.466
-Supervisory Personnel	3	0	0	0.045	0.000	0.000
-Engineering Personnel	1	0	4	0.018	0.000	0.071