

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION  
1987

BOSTON EDISON COMPANY  
PILGRIM NUCLEAR POWER STATION

DOCKET NO. 50-293  
LICENSE NO. DPR-35

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (>100 mrem)			TOTAL PERSONS	TOTAL MAN-REM		
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS		STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS
REACTOR OPERATIONS & SURV. MAINTENANCE PERSONNEL	0	0	10		0.210	0.075	5.515
OPERATING PERSONNEL	23	20	16		7.665	11.350	7.873
HEALTH PHYSICS PERSONNEL	11	1	108		2.530	0.770	44.882
SUPERVISORY PERSONNEL	0	0	4		0.245	0.065	1.605
ENGINEERING PERSONNEL	1	0	1		0.525	0.170	0.745
<b>TOTAL</b>	<b>35</b>	<b>21</b>	<b>139</b>	<b>195</b>	<b>11.175</b>	<b>12.430</b>	<b>60.620</b>
ROUTINE MAINTENANCE MAINTENANCE PERSONNEL	33	3	678		13.560	1.310	328.620
OPERATING PERSONNEL	23	19	98		6.170	4.585	46.285
HEALTH PHYSICS PERSONNEL	14	2	106		4.825	0.425	40.055
SUPERVISORY PERSONNEL	2	2	12		1.095	0.540	4.850
ENGINEERING PERSONNEL	3	3	45		1.350	0.940	16.075
<b>TOTAL</b>	<b>75</b>	<b>29</b>	<b>939</b>	<b>1,043</b>	<b>27.000</b>	<b>7.800</b>	<b>435.885</b>
IN-SERVICE INSPECTION MAINTENANCE PERSONNEL	3	0	364		0.900	0.075	205.340
OPERATING PERSONNEL	0	0	41		0.070	0.065	27.515
HEALTH PHYSICS PERSONNEL	0	0	31		0.210	0.135	9.320
SUPERVISORY PERSONNEL	0	0	6		0.050	0.125	4.025
ENGINEERING PERSONNEL	3	1	19		0.970	0.965	10.425
<b>TOTAL</b>	<b>6</b>	<b>1</b>	<b>461</b>	<b>468</b>	<b>2.200</b>	<b>1.365</b>	<b>256.625</b>
SPECIAL MAINTENANCE MAINTENANCE PERSONNEL	4	0	628		1.515	0.090	316.743
OPERATING PERSONNEL	3	0	70		0.875	0.410	32.635
HEALTH PHYSICS PERSONNEL	7	1	42		1.845	0.310	15.020
SUPERVISORY PERSONNEL	1	0	16		0.425	0.070	5.385
ENGINEERING PERSONNEL	0	1	47		0.300	0.330	17.786
<b>TOTAL</b>	<b>15</b>	<b>2</b>	<b>803</b>	<b>820</b>	<b>4.960</b>	<b>1.210</b>	<b>387.569</b>

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	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS		STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT & OTHERS
<b>WASTE PROCESSING</b>							
MAINTENANCE PERSONNEL	0	0	25		0.395	0.055	11.140
OPERATING PERSONNEL	9	0	5		2.980	0.010	1.710
HEALTH PHYSICS PERSONNEL	1	0	24		0.285	0.015	9.715
SUPERVISORY PERSONNEL	1	0	2		0.155	0.000	0.530
ENGINEERING PERSONNEL	0	0	1		0.165	0.000	0.320
<b>TOTAL</b>	<b>11</b>	<b>0</b>	<b>57</b>	<b>68</b>	<b>3.980</b>	<b>0.080</b>	<b>23.415</b>
<b>REFUELING</b>							
MAINTENANCE PERSONNEL	2	0	132		1.385	0.130	69.969
OPERATING PERSONNEL	3	3	33		1.730	0.790	14.320
HEALTH PHYSICS PERSONNEL	6	3	29		1.745	0.585	10.300
SUPERVISORY PERSONNEL	2	0	6		0.910	0.110	2.225
ENGINEERING PERSONNEL	2	1	6		0.690	0.130	3.520
<b>TOTAL</b>	<b>15</b>	<b>7</b>	<b>206</b>	<b>228</b>	<b>6.460</b>	<b>1.745</b>	<b>100.334</b>
<b>TOTAL BY JOB FUNCTION</b>							
MAINTENANCE PERSONNEL	42	3	1,837	1,882	17.965	1.735	937.327
OPERATING PERSONNEL	61	42	263	366	19.490	17.210	130.338
HEALTH PHYSICS PERSONNEL	39	7	340	386	11.440	2.240	129.292
SUPERVISORY PERSONNEL	6	2	46	54	2.880	0.910	18.620
ENGINEERING PERSONNEL	9	6	119	134	4.000	2.535	48.871
<b>GRAND TOTAL</b>	<b>157</b>	<b>60</b>	<b>2,605</b>	<b>2,822</b>	<b>55.775</b>	<b>24.630</b>	<b>1,264.448</b>

Dear Sir,

Be advised that the previous  
submittal of this document contained  
the wrong attachment.

Please contact me directly if you have  
any questions

Brian P. Turner  
Sr. Plant Engineer  
Pelican Station  
(617) 747-8241

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**BOSTON EDISON**

Pilgrim Nuclear Power Station  
Rocky Hill Road  
Plymouth, Massachusetts 02360

Ralph G. Bird  
Senior Vice President — Nuclear

March 29, 1988  
BECo Ltr. #88-061

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

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

Dear Sir:

The enclosed table, "Number of Personnel and Man-Rem by Work and Job Function 1987", is submitted in accordance with the requirements of the Pilgrim Nuclear Power Station Technical Specifications, Section 6.9.A.3, and as recommended by U.S. NRC Regulatory Guide 1.16.

The collective dose measured by TLD for Pilgrim Nuclear Power Station in calendar year 1987 totaled 1578.609 man-rem. The accumulated dose for station, utility and contractor personnel assigned to radiation work permits during 1987 totaled 1,344.853 man-rem. Eighty-five percent (85%) of the total station dose was accounted for via radiation work permits and assigned to specific major work functions.

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

  
R.G. Bird

BPL/bl

Attachment

cc: Mr. William Russell  
Regional administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Rd.  
King of Prussia, PA 19406

Sr. Resident Inspector - Pilgrim Station

Standard BECo Distribution

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