

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION
UNIT NOS. 2 AND 3
DOCKET NOS. 50-277 & 50-278

ANNUAL OCCUPATIONAL EXPOSURE TABULATION

NO. 8

JANUARY 1, 1983 THROUGH DECEMBER 31, 1983

Submitted to
The United States Nuclear Regulatory Commission
Pursuant to
Facility Operating License No. DPR-44 & 56

Preparation Directed by:

R. S. Fleischmann, II, Superintendent
Peach Bottom Atomic Power Station

8405140444 840425
PDR ADDCK 05000277
R PDR

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I.

INTRODUCTION

ANNUAL OCCUPATIONAL EXPOSURE TABULATION

A tabulation of station, utility, and other personnel receiving exposures greater than 100 mrem/year, and their associated man-rem exposure according to work and job junction is presented for Peach Bottom Atomic Power Station Units 2 and 3 in accordance with the Routine Reporting Requirements of Technical Specification 6.9.1.b. Annual wholebody exposures for the year are also presented in accordance with 100 CFR 20.407(b). This data covers the period January 1, 1983 through December 31, 1983.

TABLE A

PEACH BOTTOM ATOMIC POWER STATION UNITS 2 & 3 FOR CALENDAR YEAR

STANDARD FORMAT FOR REPORTING NUMBER OF PERSONNEL AND MAN-REM FOR WORK AND JOB FUNCTION

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (>100 MPEM)			TOTAL MAN-REM		
	CONTRACT WORKERS			CONTRACT WORKERS		
	STATION	UTILITY	AND OTHER	STATION	UTILITY	AND OTHERS
Reactor Operations & Surveillance						
Maintenance Personnel	2	57	110	2.151	28.619	29.098
Operating Personnel	61	7	51	53.701	3.008	12.846
Health Physics Per.	78	11	64	71.766	6.433	53.588
Supervisory Personnel	0	0	3	0.000	0.000	0.643
Engineering Personnel	50	2	9	42.953	0.305	8.331
Routine Maintenance						
Maintenance Personnel	6	483	1055	2.560	263.015	1100.594
Operating Personnel	8	4	12	1.427	0.658	5.192
Health Physics Per.	30	6	39	13.799	1.189	27.312
Supervisory Personnel	0	0	2	0.000	0.000	0.591
Engineering Personnel	13	11	15	5.790	4.764	3.801
Inservice Inspection						
Maintenance Personnel	0	8	97	0.000	2.684	53.375
Operating Per.	1	0	1	0.116	0.000	0.229
Health Physics Per.	0	0	1	0.000	0.000	0.285
Supervisory Per.	0	0	0	0.000	0.000	0.000
Engineering Per.	0	1	2	0.000	0.130	1.108
Special Maintenance						
Maintenance Personnel	0	2	557	0.000	0.683	954.100
Operating Personnel	0	0	6	0.000	0.000	11.158
Health Physics Per.	2	0	2	0.439	0.000	0.463
Supervisory Per.	0	0	0	0.000	0.000	0.000
Engineering Per.	0	1	1	0.000	0.000	0.239
Waste Processing						
Maintenance Personnel	0	5	53	0.000	0.612	11.600
Operating Personnel	3	0	0	2.125	0.000	0.000
Health Physics Per.	3	0	5	0.762	0.000	0.731
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	1	0.000	0.000	0.127
Refueling						
Maintenance Personnel	0	10	66	0.000	2.455	17.146
Operating Personnel	2	0	1	0.619	0.000	0.188
Health Physics Per.	0	0	3	0.000	0.000	0.992
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	2	0.000	0.000	0.404
TOTAL						
Maintenance Personnel	7	528	1376	4.852	303.754	2197.023
Operating Personnel	67	11	66	60.005	3.969	30.824
Health Physics Per.	79	15	77	89.468	8.221	85.290
Supervisory Personnel	0	0	3	0.000	0.000	1.234
Engineering Personnel	52	15	26	49.833	6.393	14.930
GRAND TOTAL						
	205	569	1548	204.158	322.337	2329.301

TABLE B

PEACH BOTTOM ATOMIC POWER STATION UNITS 2 & 3

RECORDED ANNUAL WHOLEBODY EXPOSURE FOR CALENDAR YEAR 1983

ANNUAL DOSE *RANGE (REM)	NUMBER OF INDIVIDUALS IN EACH RANGE
NO MEASURABLE EXPOSURE	1843
MEASURABLE EXPOSURE LESS THAN .100	781
.100 - .250	494
.250 - .500	434
.500 - .750	227
.750 - 1.0	211
1.0 - 2.0	499
2.0 - 3.0	215
3.0 - 4.0	124
4.0 - 5.0	64
5.0 - 6.0	41
6.0 - 7.0	13
7.0 - 8.0	4
8.0 - 9.0	0
9.0 - 10.0	0
10.0 - 11.0	0
11.0 - 12.0	0
12.0 +	0

TOTAL NUMBER OF INDIVIDUALS REPORTED 4950

*Individual exposures exactly equal to the value separating exposure range shall be reported in the higher range.