

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION

UNIT NOS. 2 AND 3

DOCKET NOS. 50-277 & 50-278

ANNUAL OCCUPATIONAL EXPOSURE TABULATION

NO. 6

JANUARY 1, 1981 THROUGH DECEMBER 31, 1981

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

Preparation Directed by:

W. T. Ullrich, Superintendent
Peach Bottom Atomic Power Station

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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 function 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 10 CFR 20.401(b). This date covers the period January 1, 1981 through December 31, 1981

TABLE A

PEACH BOTTOM ATOMIC POWER STATION UNITS 2 & 3 FOR CALENDAR YEAR 1979

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	5	82	76	2.630	37.925	23.081
Operating Personnel	68	8	25	45.647	5.201	4.541
Health Physics Per.	47	4	73	43.854	3.250	42.441
Supervisory Personnel	0	2	1	0.000	0.232	0.305
Engineering Personnel	30	13	18	25.030	4.328	15.224
Routine Maintenance						
Maintenance Personnel	10	545	1034	3.926	360.312	1274.803
Operating Personnel	6	3	6	1.134	0.684	8.386
Health Physics Per.	16	2	33	7.993	0.711	20.523
Supervisory Personnel	0	5	0	0.000	1.712	0.000
Engineering Personnel	6	16	8	1.664	7.809	3.101
Inservice Inspection						
Maintenance Personnel	0	8	47	0.000	7.424	51.407
Operating Per.	0	0	0	0.000	0.000	0.000
Health Physics Per.	0	0	0	0.000	0.000	0.000
Supervisory Per.	0	1	0	0.000	0.131	0.000
Engineering Per.	0	2	3	0.000	1.858	2.001
Special Maintenance						
Maintenance Per.	0	4	185	0.000	1.287	256.445
Operating Per.	1	0	0	0.116	0.000	0.000
Health Physics Per.	0	0	0	0.000	0.000	0.000
Supervisory Per.	0	0	0	0.000	0.000	0.000
Engineering Per.	0	1	4	0.000	0.132	2.991
Waste Processing						
Maintenance Per.	0	5	83	0.000	1.857	26.019
Operating Per.	8	0	1	6.612	0.000	0.156
Health Physics Per.	7	0	4	3.301	0.000	2.330
Supervisory Per.	0	0	0	0.000	0.000	0.000
Engineering Per.	0	0	0	0.000	0.000	0.000
Refueling						
Maintenance Per.	0	9	34	0.000	2.410	9.969
Operating Per.	1	0	0	0.187	0.000	0.000
Health Physics Per.	3	0	1	1.511	0.000	0.153
Supervisory Per.	0	0	0	0.000	0.000	0.000
Engineering Per.	0	0	1	0.000	0.000	0.444
TOTAL						
Maintenance Per.	12	593	1267	6.681	421.349	1670.385
Operating Per.	75	11	41	56.043	6.055	14.796
Health Physics Per.	50	5	93	58.387	4.390	68.131
Supervisory Per.	0	7	1	0.000	2.123	0.305
Engineering Per.	31	29	27	27.832	14.931	24.459
GRAND TOTAL	168	645	1429	148.943	448.848	1778.076

TABLE B

PEACH BOTTOM ATOMIC POWER STATION UNITS 2 & 3

RECORDED ANNUAL WHOLEBODY EXPOSURE FOR CALENDAR YEAR 1981

ANNUAL DOSE RANGES (REM)	NUMBER OF INDIVIDUALS IN EACH RANGE
NO MEASURABLE EXPOSURE	1634
MEASURABLE EXPOSURE LESS THAN .100	611
.100 - .250	294
.250 - .500	479
.500 - .750	311
.750 - 1.0	260
1.0 - 2.0	564
2.0 - 3.0	237
3.0 - 4.0	73
4.0 - 5.0	25
5.0 - 6.0	3
6.0 - 7.0	0
7.0 - 8.0	0
8.0 - .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 4491