

PHILADELPHIA ELECTRIC COMPANY

PEACH BOTTOM ATOMIC POWER STATION

UNIT NOS. 2 AND 3

DOCKET NOS. 50-277 & 50-278

ANNUAL OCCUPATIONAL EXPOSURE TABULATION

NO. 7

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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 20.407(b). This data covers the period January 1, 1982 through December 31, 1982.

TABLE A

PEACH BOTTOM ATOMIC POWER STATION UNITS 2 & 3 FOR CALENDAR YEAR 1982

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

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (>100 MREM)			TOTAL MAN-REM		
	STATION	UTILITY	CONTRACT WORKERS AND OTHER	STATION	UTILITY	CONTRACT WORKERS AND OTHERS
Reactor Operations & Surveillance						
Maintenance Personnel	3	62	53	0.533	31.747	20.562
Operating Personnel	68	4	30	63.945	1.248	5.059
Health Physics Per.	62	1	49	52.618	0.258	52.277
Supervisory Personnel	0	0	1	0.000	0.000	0.183
Engineering Personnel	54	7	12	45.436	1.924	12.344
Routine Maintenance						
Maintenance Personnel	7	524	970	4.822	349.903	990.657
Operating Personnel	5	1	10	1.044	1.255	6.087
Health Physics Per.	13	0	19	3.971	0.000	6.580
Supervisory Personnel	0	1	0	0.000	0.481	0.000
Engineering Personnel	13	14	12	4.156	5.559	4.037
Inservice Inspection						
Maintenance Personnel	0	3	36	0.000	1.190	48.360
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	0	2	0.000	0.000	1.380
Engineering Per.	0	2	2	0.000	0.370	1.012
Special Maintenance						
Maintenance Per.	0	2	72	0.000	0.445	79.138
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	0	1	0.000	0.000	0.102
Engineering Per.	0	0	2	0.000	0.000	0.652
Waste Processing						
Maintenance Per.	0	1	13	0.000	0.325	9.046
Operating Per.	9	0	1	3.638	0.000	0.260
Health Physics Per.	4	0	0	1.309	0.000	0.000
Supervisory Per.	0	0	0	0.000	0.000	0.000
Engineering Per.	0	0	1	0.000	0.000	0.110
Refueling						
Maintenance Per.	0	8	18	0.000	2.452	3.319
Operating Per.	2	0	0	0.471	0.000	0.000
Health Physics Per.	1	0	0	0.240	0.000	0.000
Supervisory Per.	0	1	0	0.000	0.540	0.000
Engineering Per.	0	0	0	0.000	0.000	0.000
TOTAL						
Maintenance Per.	10	565	1076	5.687	392.002	1163.461
Operating Per.	74	6	43	70.964	2.731	12.178
Health Physics Per.	63	1	58	59.554	0.258	60.714
Supervisory Per.	0	3	3	0.000	1.165	1.665
Engineering Per.	54	20	20	50.466	8.237	18.474
GRAND TOTAL	201	595	1200	186.671	404.393	1256.492

TABLE B

PEACH BOTTOM ATOMIC POWER STATION UNITS 2 & 3

RECORDED ANNUAL WHOLEBODY EXPOSURE FOR CALENDAR YEAR 1982

ANNUAL DOSE [*] RANGES (REM)	NUMBER OF INDIVIDUALS IN EACH RANGE
NO MEASURABLE EXPOSURE	1566
MEASURABLE EXPOSURE LESS THAN .100	731
.100 - .250	277
.250 - .500	492
.500 - .750	304
.750 - 1.0	241
1.0 - 2.0	475
2.0 - 3.0	168
3.0 - 4.0	35
4.0 - 5.0	9
5.0 - 6.0	2
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 4300

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