

PHILADELPHIA ELECTRIC COMPANY

LIMERICK GENERATING STATION UNIT 1
DOCKET NO. 50-352

OCCUPATIONAL EXPOSURE TABULATION

NO. 2

JANUARY 1, 1985 THROUGH DECEMBER 31, 1985

Submitted to
The United States Nuclear Regulatory Commission
Pursuant to
Facility Operating License No. NPF-39

Preparation Directed by:

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Limerick Generating Station

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I. INTRODUCTION

ANNUAL OCCUPATIONAL EXPOSURE TABULATION

A tabulation of station, utility, and other personnel receiving exposure greater than 100 mrem and their associated man-rem exposure according to work and job function is presented for Limerick Generating Station Unit 1 as Table A in accordance with Annual Reporting Requirements of Technical Specification 6.9.1.5 of Operating License NPF-39. In addition, a statistical summary report of the annual wholebody exposures for the year is presented as Table B in accordance with 10 CFR 20.407(b) and includes all measurable exposures. This data covers the period January 1, 1985 through December 31, 1985.

TABLE A

LIMERICK GENERATING STATION UNIT 1 FOR CALENDAR YEAR 1985

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 OTHERS	STATION	UTILITY	CONTRACT WORKERS AND OTHERS
Reactor Operations & Surveillance						
Maintenance Personnel	0	12	1	0.000	0.398	0.019
Operating Personnel	10	1	22	0.568	0.020	1.153
Health Physics Per.	24	0	17	2.209	0.000	2.033
Supervisory Personnel	0	0	4	0.000	0.000	0.086
Engineering Personnel	6	2	3	0.117	0.037	0.303
Routine Maintenance						
Maintenance Personnel	0	104	41	0.000	3.112	0.938
Operating Personnel	21	24	120	0.543	0.648	3.125
Health Physics Per.	16	1	10	0.489	0.022	0.286
Supervisory Personnel	2	7	8	0.182	0.214	0.166
Engineering Personnel	6	32	34	0.166	0.876	0.921
Inservice Inspection						
Maintenance Personnel	0	0	1	0.000	0.000	0.004
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	0	0.000	0.000	0.000
Engineering Per.	0	0	0	0.000	0.000	0.000
Special Maintenance						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operating Personnel	0	0	1	0.000	0.000	0.095
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	0	0	0.000	0.000	0.000
Waste Processing						
Maintenance Personnel	0	1	1	0.000	0.006	0.020
Operating Personnel	0	2	14	0.000	0.091	0.563
Health Physics Per.	4	0	1	0.089	0.000	0.040
Supervisory Personnel	1	0	0	0.044	0.000	0.000
Engineering Personnel	0	1	0	0.000	0.026	0.000
Refueling						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operating Personnel	0	0	0	0.000	0.000	0.000
Health Physics Per.	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
TOTAL						
Maintenance Personnel	0	111	43	0.000	3.516	0.981
Operating Personnel	31	27	144	1.111	0.759	4.937
Health Physics Per.	38	1	24	2.787	0.022	2.359
Supervisory Personnel	3	7	12	0.226	0.214	0.252
Engineering Personnel	11	35	37	0.283	0.939	1.224
GRAND TOTAL	83	181	260	4.407	5.450	9.753

TABLE B

LIMERICK GENERATING STATION UNIT 1

RECORDED ANNUAL WHOLEBODY EXPOSURE FOR CALENDAR YEAR 1985

ANNUAL DOSE * RANGE (REM)	NUMBER OF INDIVIDUALS IN EACH RANGE			<u>TOTAL</u>
	<u>STATION</u>	<u>UTILITY</u>	<u>CONTRACTOR</u>	
NO MEASURABLE EXPOSURE	178	1305	3626	5109
MEASURABLE EXPOSURE LESS THAN .100	73	177	241	491
.100 - .250	8	4	18	30
.250 - .500	2	0	1	3
.500 - .750	0	0	0	0
.750 - 1.0	0	0	0	0
1.0 - 2.0	0	0	0	0
2.0 - 3.0	0	0	0	0
3.0 - 4.0	0	0	0	0
4.0 - 5.0	0	0	0	0
5.0 - 6.0	0	0	0	0
6.0 - 7.0	0	0	0	0
7.0 - 8.0	0	0	0	0
8.0 - 9.0	0	0	0	0
9.0 - 10.0	0	0	0	0
10.0 - 11.0	0	0	0	0
11.0 - 12.0	0	0	0	0
12.0 +	0	0	0	0
TOTAL NUMBER OF INDIVIDUALS REPORTED	261	1486	3886	5633

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

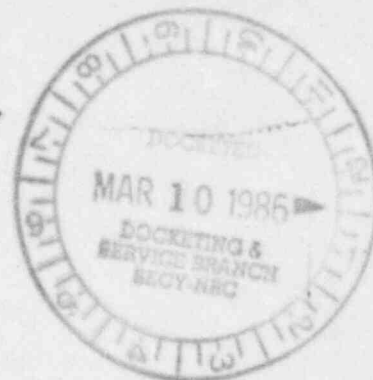
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February 28, 1986

Docket No. 50-35206

Dr. Thomas E. Murley, Administrator
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Dear Dr. Murley:

Enclosed is a copy of Philadelphia Electric Company's Occupational Exposure Tabulation No. 2 for Limerick Generating Station Unit 1 for the period January 1, 1985 through December 31, 1985.

This report is being submitted in compliance with Annual Reporting Requirements of Technical Specification 6.9.1.5 of Operating License NPF-39 and of 10 CFR 20.407(b).

Very truly yours,

A handwritten signature in black ink, appearing to read "W. M. Alden".

W. M. Alden
Engineer-In-Charge
Licensing Section
Nuclear Generation Division

Enclosure

SLZ:vdw

cc: Director, Office of Resource Management, USNRC
E. M. Kelly, Senior Site Inspector
See Service List

A handwritten scribble or signature in black ink at the bottom right corner of the page.

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February 4, 1986