

ATTACHMENT

Consumers Power Company

Palisades Plant - Docket 50-255

1984 ANNUAL OPERATING REPORT
OCCUPATIONAL EXPOSURE

2 Pages

8503140541 841231
PDR ADOCK 05000255
R PDR

IE24
11

1984 OCCUPATIONAL RADIATION EXPOSURE

The attached table summarizes personnel radiation exposure by job function, work group and employer for the year 1984.

The attached table and the method by which it was prepared meet the reporting requirements of Section 6.9.1.b of the Palisades Plant Technical Specifications.

The exposures were derived from Self-Reading Dosimeter (SRD) data and were then adjusted by a factor which corrects the SRD exposure so that it is equal to the thermoluminescent dosimeter exposure used in compiling the official radiation exposure record for each individual. This correction is applied to each job function/work group/employer category on the attached table.

Special Maintenance activities for the year 1984 included Steam Generator channel head decontamination, Steam Generator tube repairs and Primary Coolant Pump impeller repairs.

1984

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

| WORK & JOB FUNCTION | NUMBER OF PERSONNEL (>100MREM) | | | TOTAL MAN-REM | | |
|----------------------|--------------------------------|---------|--------|---------------|---------|---------|
| | STATION | UTILITY | OTHERS | STATION | UTILITY | OTHERS |
| REACTOR OPS & SURV | | | | | | |
| MAINT PERS | 1 | 1 | 4 | 0.698 | 1.036 | 1.937 |
| OPS PERS | 26 | 0 | 0 | 15.950 | 0.000 | 0.000 |
| HP PERS | 35 | 11 | 51 | 17.101 | 4.049 | 30.577 |
| SUP PERS | 0 | 0 | 0 | 0.299 | 0.014 | 0.000 |
| ENG PERS | 1 | 2 | 0 | 0.551 | 1.280 | 0.000 |
| ROUTINE MAINTENANCE | | | | | | |
| MAINT PERS | 50 | 38 | 27 | 30.407 | 31.146 | 12.877 |
| OPS PERS | 7 | 0 | 0 | 4.190 | 0.000 | 0.000 |
| HP PERS | 5 | 1 | 7 | 2.228 | 0.528 | 3.985 |
| SUP PERS | 0 | 0 | 0 | 0.053 | 0.121 | 0.000 |
| ENG PERS | 1 | 4 | 0 | 0.507 | 3.332 | 0.000 |
| INSERVICE INSPECTION | | | | | | |
| MAINT PERS | 0 | 1 | 13 | 0.257 | 0.618 | 8.242 |
| OPS PERS | 11 | 0 | 0 | 6.707 | 0.000 | 0.000 |
| HP PERS | 0 | 0 | 0 | 0.165 | 0.039 | 0.296 |
| SUP PERS | 1 | 0 | 0 | 0.496 | 0.103 | 0.000 |
| ENG PERS | 7 | 40 | 0 | 4.305 | 32.593 | 0.167 |
| SPECIAL MAINTENANCE | | | | | | |
| MAINT PERS | 38 | 13 | 310 | 23.024 | 11.069 | 146.515 |
| OPS PERS | 14 | 0 | 0 | 10.261 | 0.000 | 0.000 |
| HP PERS | 12 | 4 | 16 | 6.002 | 1.421 | 10.729 |
| SUP PERS | 0 | 1 | 0 | 0.087 | 0.572 | 0.000 |
| ENG PERS | 6 | 29 | 0 | 3.585 | 23.545 | 0.000 |
| WASTE PROCESSING | | | | | | |
| MAINT PERS | 23 | 0 | 4 | 13.977 | 0.000 | 2.007 |
| OPS PERS | 8 | 0 | 0 | 4.860 | 0.000 | 0.000 |
| HP PERS | 5 | 2 | 8 | 2.711 | 0.642 | 4.847 |
| SUP PERS | 0 | 0 | 0 | 0.089 | 0.000 | 0.000 |
| ENG PERS | 0 | 0 | 0 | 0.032 | 0.211 | 0.000 |
| REFUELING | | | | | | |
| MAINT PERS | 29 | 20 | 0 | 17.694 | 16.778 | 0.000 |
| OPS PERS | 6 | 0 | 0 | 3.819 | 0.000 | 0.000 |
| HP PERS | 1 | 0 | 1 | 0.254 | 0.060 | 0.457 |
| SUP PERS | 1 | 0 | 0 | 0.715 | 0.035 | 0.000 |
| ENG PERS | 3 | 9 | 0 | 1.582 | 7.335 | 0.000 |
| TOTAL | | | | | | |
| MAINT PERS | 141 | 73 | 358 | 86.057 | 60.647 | 169.575 |
| OPS PERS | 75 | 0 | 0 | 45.787 | 0.000 | 0.017 |
| HP PERS | 58 | 18 | 85 | 28.461 | 6.739 | 50.887 |
| SUP PERS | 2 | 1 | 0 | 1.739 | 0.845 | 0.000 |
| ENG PERS | 18 | 84 | 0 | 10.562 | 68.296 | 0.167 |
| GRAND TOTAL | 294 | 176 | 443 | 172.606 | 136.527 | 220.658 |

GRAND TOTAL= 529.791



Consumers
Power
Company

General Offices: 1945 West Parnall Road, Jackson, MI 49201 • (517) 788-0550

orig+1

| PRIORITY ROUTING | |
|------------------|--------|
| First | Second |
| RA | NC |
| MA | IC |
| DA | GA |
| PA | ML |
| US | OL |
| MS | PL |
| MA | PA |

FILE *DS*

DMB

February 28, 1985

James G Keppler, Administrator
Region III
US Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

DOCKET 50-255 - LICENSE DPR-20-
PALISADES PLANT - 1984 ANNUAL OPERATING REPORT - OCCUPATIONAL EXPOSURE

The annual report covering occupational exposure during 1984 as required by
Palisades Technical Specification 6.9.1.b is attached.

Brian D. Johnson

Brian D Johnson
Staff Licensing Engineer

CC Director, Office of Nuclear Reactor Regulation
Director, Office of Inspection and Enforcement
NRC Resident Inspector - Palisades

Attachment

MAR 4 1985

1/1 IE24