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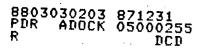
DOCKET 50-255 - LICENSE DPR-20 - PALISADES PLANT -1987 ANNUAL OPERATING REPORT - OCCUPATIONAL EXPOSURE

The annual report covering occupational exposure during 1987 as required by Palisades Technical Specification 6.9.1.b is attached.

Brian D Johnson Staff Licensing Engineer

CC Administrator, Region III, NRC NRC Resident Inspector - Palisades

Attachment



ATTACHMENT

Consumers Power Company Palisades Plant Docket 50-255

1987 ANNUAL OPERATING REPORT OCCUPATIONAL EXPOSURE

February 29, 1988

TESP

1987 Occupational Radiation Exposure

The attached table summarizes personnel radiation exposure by job function, workgroup and employer for the year 1987.

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 Direct Reading Dosimeter (DRD) data and were then adjusted by a factor which corrects the DRD 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/workgroup/employer category on the attached table.

Special maintenance activities for the year 1987 included reracking the Spent Fuel Pool, adding oil to Primary Coolant Pumps during power operation, removing and packaging irradiated hardware from the Spent Fuel Pool, and various valve repairs.

PALISADES NUCLEAR PLANT REGULATORY GUIDE 1.16 APPENDIX A ANNUAL REPORT

| Job Function | Number of Personnel (> 100 mrem) | | | Total Man-Rem | | |
|-----------------------------------|----------------------------------|--------------|----------|---------------|---------|----------|
| | | | Contract | | | Contract |
| Work Group | Station | Utility | & Other | Station | Utility | & Other |
| Reactor Operations & Surveillance | | | | | | |
| Maintenance Personnel | 17 | 0 | 30 | 6.017 | 0.054 | 9.399 |
| Operations Personnel | 52 | 0 | 10 | 27.913 | 0.055 | 3.998 |
| Health Physics Personnel | 20 | 0 | 21 | 7.247 | 0.007 | 6.388 |
| Supervisory Personnel | 31 | 1 1 | 6. | 8.949 | 0.480 | 1.159 |
| Engineering Personnel | 11 | 2 | 3 | 2.874 | 0.947 | 2.117 |
| Routine Maintenance | • | 1 . | | 1 . | 1 | |
| Maintenance Personnel | 106 | 65 | 156 | 72.133 | 60.313 | 73.966 |
| Operations Personnel | 5 | 1 0 | · 12 | 2.119 | 0.097 | 6.136 |
| Health Physics Personnel | 21 | 0 | 58 | 9.257 | 0.000 | 24.836 |
| Supervisory Personnel | 10 | 6 | 2 | 3.410 | 1.498 | 0.717 |
| Engineering Personnel | 5 | 8 | 79 | 1.690 | 3.402 | 46.374 |
| Inservice Inspection | | | | ŧ | 1 | |
| Maintenance Personnel | 0 | 0 | 0 | 0.000 | 0.118 | 0.124 |
| Operations Personnel | · 0 | 0 | 0 | 0.000 | 0.000 | 0.000 |
| Health Physics Personnel | 0 | i 0 1 | 18 | 0.051 | 0.000 | 3.722 |
| Supervisory Personnel | 0 | 0 | · 0 | 0.000 | 0.000 | 0.007 |
| Engineering Personnel | 0 | 2 | 28 | 0.000 | 1.093 | 16.568 |
| Special Maintenance | | | | | | |
| Maintenance Personnel | 3 | i o | 0 | i 1.266 | 0.041 | 0.106 |
| Operations Personnel | ŏ | Ŏ | i | 0.472 | 0.000 | 0.112 |
| Health Physics Personnel | 2 | Ō | 1 | 0.734 | 0.000 | 0.307 |
| Supervisory Personnel | ō | i o | ī | 0.202 | 0.023 | 0.214 |
| Engineering Personnel | õ | 0 | 5 | 0.192 | 0.000 | 0.997 |
| Waste Processing | v . | Ŭ | 3 | | | |
| Maintenance Personnel | 5 | 0 | 0 | 3.876 | 0.003 | 0.000 |
| Operations Personnel | 0 | 0 | 0 | 0.232 | 0.076 | 0.070 |
| Health Physics Personnel | 4 | 0 | 0 | 2.514 | 0.000 | 0.007 |
| Supervisory Personnel | 4 1 | | . U | 0.417 | 0.000 | 0.000 |
| Engineering Personnel | | | 0 | 0.000 | 0.000 | 0.000 |
| Refueling | v | Ŭ | U | 0.000 | 0.000 | 0.000 |
| Maintenance Personnel | 0 | 0 | 0 | 0.000 | 0.000 | 0.000 |
| Operations Personnel | ň | ŏ | ŏ | 0.000 | 0.000 | 0.000 |
| Health Physics Personnel | 0 | 0 | 0 | 0.000 | 0.000 | 0.000 |
| Supervisory Personnel | Ő | 0 | Ŭ Ŭ | 0.000 | 0.000 | 0.000 |
| | 0 | | 0 | 0.000 | 0.000 | 0.000 |
| Engineering Personnel | | · <u>-</u> | v | | | |
| TOTALS: | | 1 | · | | | |
| Maintenance Personnel | 131 | 65 | 186 | 83.292 | 60.529 | 83.595 |
| Operations Personnel | 57 | 0 | 23 | 30.736 | 0.228 | 10.316 |
| Health Physics Personnel | 47. | 0 | 98 | 19.803 | 0.007 | 35.260 |
| Supervisory Personnel | 42 | 1 7 1 | 9 | 12.978 | 2.001 | 2.097 |
| Engineering Personnel | 16 | 1 12 | 115 | 4.756 | 5.442 | 66.056 |
| GRAND TOTALS: | 293 | 84 | 431 | 151.565 | 68.207 | 197.324 |

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