



Commonwealth Edison

Dresden Nuclear Power Station

R.R. #1

Morris, Illinois 60450

Telephone 815/942-2920

EDE Ltr: #90-144

January 24, 1991

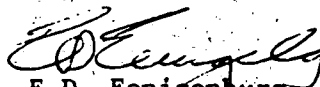
Mr. A. Bert Davis
Regional Administrator
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Rd.
Glen Ellyn, IL 60137

SUBJECT: Dresden Station Operating Report,
NRC Dockets 50-237 and 50-249

Dear Mr. Davis:

Enclosed are the 1990 Occupational Radiation Exposures (NRC Reg. Guide 1.16) for Dresden Nuclear Power Station.

Sincerely yours,


E.D. Eenigenburg
Station Manager

EDE/ala

Enclosures

cc: NRC Document Control Desk
NRC Resident Inspector
NRC Office of Research

ZEDE/104

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ATTACHMENT D
REGULATORY GUIDE 1.16

NUMBER OF PERSONNEL AND PERSON-REM BY WORK AND JOB FUNCTION
YEAR 1990

| PLANT: Dresden 1,2,3. (BWR) | NUMBER OF PERSONNEL | | | *TOTAL PERSONS | TOTAL PERSON-REMS | | | |
|--------------------------------------|---------------------|-------------------|-------------------|----------------|-------------------|-------------------|-------------------|------------------|
| | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT & OTHERS | | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT & OTHERS | TOTAL PERSON-REM |
| WORK & JOB FUNCTION | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT & OTHERS | *TOTAL PERSONS | STATION EMPLOYEES | UTILITY EMPLOYEES | CONTRACT & OTHERS | TOTAL PERSON-REM |
| REACTOR OPERATIONS & SURV | | | | | | | | |
| MAINTENANCE PERSONNEL | 38 | 41 | 39 | | 29.600 | 1.522 | 15.792 | |
| OPERATING PERSONNEL | 132 | 0 | 118 | | 64.525 | 0.000 | 14.936 | |
| HEALTH PHYSICS PERSONNEL | 8 | 0 | 10 | | 10.990 | 0.000 | 2.283 | |
| SUPERVISORY PERSONNEL | 54 | 32 | 0 | | 18.012 | 0.351 | 0.000 | |
| ENGINEERING PERSONNEL | 33 | 45 | 18 | | 8.262 | 1.538 | 7.926 | |
| TOTAL | 265 | 118 | 185 | 568 | 131.389 | 3.411 | 40.937 | 175.737 |
| ROUTINE MAINTENANCE | | | | | | | | |
| MAINTENANCE PERSONNEL | 329 | 77 | 620 | | 257.229 | 2.890 | 252.811 | |
| OPERATING PERSONNEL | 69 | 0 | 48 | | 33.632 | 0.000 | 6.086 | |
| HEALTH PHYSICS PERSONNEL | 40 | 0 | 21 | | 54.110 | 0.000 | 5.052 | |
| SUPERVISORY PERSONNEL | 205 | 55 | 0 | | 67.673 | 0.609 | 0.000 | |
| ENGINEERING PERSONNEL | 80 | 168 | 67 | | 20.339 | 5.698 | 29.349 | |
| TOTAL | 723 | 300 | 756 | 1779 | 432.983 | 9.197 | 293.298 | 735.478 |
| IN-SERVICE INSPECTION | | | | | | | | |
| MAINTENANCE PERSONNEL | 0 | 0 | 465 | | 0.088 | 0.000 | 189.305 | |
| OPERATING PERSONNEL | 1 | 0 | 3 | | 0.339 | 0.000 | 0.356 | |
| HEALTH PHYSICS PERSONNEL | 0 | 0 | 4 | | 0.379 | 0.000 | 0.972 | |
| SUPERVISORY PERSONNEL | 1 | 7 | 0 | | 0.459 | 0.074 | 0.000 | |
| ENGINEERING PERSONNEL | 2 | 56 | 312 | | 0.415 | 1.905 | 136.289 | |
| TOTAL | 4 | 63 | 784 | 851 | 1.680 | 1.979 | 326.922 | 330.581 |
| SPECIAL MAINTENANCE | | | | | | | | |
| MAINTENANCE PERSONNEL | 0 | 46 | 186 | | 0.139 | 1.726 | 75.925 | |
| OPERATING PERSONNEL | 0 | 0 | 5 | | 0.088 | 0.000 | 0.614 | |
| HEALTH PHYSICS PERSONNEL | 3 | 0 | 7 | | 3.370 | 0.000 | 1.593 | |
| SUPERVISORY PERSONNEL | 1 | 0 | 0 | | 0.204 | 0.000 | 0.000 | |
| ENGINEERING PERSONNEL | 0 | 6 | 0 | | 0.014 | 0.189 | 0.172 | |
| TOTAL | 4 | 52 | 198 | 254 | 3.815 | 1.915 | 78.304 | 84.034 |
| WASTE PROCESSING | | | | | | | | |
| MAINTENANCE PERSONNEL | 1 | 1 | 20 | | 0.297 | 0.012 | 7.953 | |
| OPERATING PERSONNEL | 3 | 0 | 36 | | 1.595 | 0.000 | 4.611 | |
| HEALTH PHYSICS PERSONNEL | 2 | 0 | 0 | | 3.105 | 0.000 | 0.000 | |
| SUPERVISORY PERSONNEL | 4 | 0 | 0 | | 1.264 | 0.000 | 0.000 | |
| ENGINEERING PERSONNEL | 0 | 1 | 0 | | 0.000 | 0.027 | 0.031 | |
| TOTAL | 10 | 2 | 56 | 68 | 6.261 | 0.039 | 12.595 | 18.895 |
| REFUELING | | | | | | | | |
| MAINTENANCE PERSONNEL | 36 | 0 | 0 | | 28.243 | 0.000 | 0.154 | |
| OPERATING PERSONNEL | 36 | 0 | 0 | | 17.864 | 0.000 | 0.032 | |
| HEALTH PHYSICS PERSONNEL | 2 | 1 | 0 | | 2.963 | 0.000 | 0.000 | |
| SUPERVISORY PERSONNEL | 16 | 1 | 0 | | 5.342 | 0.014 | 0.000 | |
| ENGINEERING PERSONNEL | 1 | 1 | 1 | | 0.188 | 0.044 | 0.073 | |
| TOTAL | 91 | 3 | 1 | 95 | 54.600 | 0.058 | 0.259 | 54.917 |
| TOTAL BY JOB FUNCTION | | | | | | | | |
| MAINTENANCE PERSONNEL | 404 | 165 | 1330 | 1899 | 315.596 | 6.150 | 541.940 | 863.686 |
| OPERATING PERSONNEL | 241 | 0 | 210 | 451 | 118.043 | 0.000 | 26.635 | 144.678 |
| HEALTH PHYSICS PERSONNEL | 55 | 1 | 42 | 98 | 74.917 | 0.000 | 9.900 | 84.817 |
| SUPERVISORY PERSONNEL | 281 | 95 | 0 | 376 | 92.954 | 1.048 | 0.000 | 94.002 |
| ENGINEERING PERSONNEL | 116 | 277 | 398 | 791 | 29.218 | 9.401 | 173.840 | 212.459 |
| GRAND TOTAL | 1097 | 538 | 1980 | 3615 | 630.728 | 16.599 | 752.315 | 1399.642 |

NOTE: Computer has rounded to the nearest whole millirem and person.