



# Florida Power

CORPORATION  
Crystal River Unit 3  
Docket No. 50-302

April 23, 1996  
3F0496-29

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

Subject: Occupational Radiation Exposure Report

Dear Sir:

Florida Power Corporation (FPC) is submitting the attached report in accordance with Improved Technical Specification (ITS) 5.7.1.1(a). The report provides the man-rem radiation exposures to personnel at Crystal River Unit 3 (CR-3) according to work and job function. The radiation exposure report required by 10 CFR 20.2206(b) was submitted in accordance with 10 CFR 20.2206(c) to the NRC's REIRS Project Manager by FPC letter (3F0496-31), dated April 22, 1996.

Sincerely,

G. L. Boldt  
Vice President  
Nuclear Production

GLB/JWT

Attachment

xc: Regional Administrator, Region II  
Senior Resident Inspector  
NRR Project Manager

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WHOLE BODY EXPOSURE FOR CALENDAR YEAR 1995

| Licensee Reporting (Name and Address)  | NRC license No(s). |
|--|--------------------|
| FLORIDA POWER CORPORATION<br>CRYSTAL RIVER UNIT 3<br>15760 W. POWER LINE ST<br>CRYSTAL RIVER, FLORIDA 34428-6708 | DPR-72             |

If personnel monitoring was not required to be proceeded to any individual during the year, checking this box will constitute a negative report indicating that such personnel monitoring was not required.

OTHERWISE, COMPLETE THE FOLLOWING TABLE:

| Estimated Annual Whole Body Exposure Ranges * (Rems) | Number of Individuals in Each Range |
|--|-------------------------------------|
| No Measurable Exposure.....                          | 870                                 |
| Less than 0.100.....                                 | 197                                 |
| 0.100 - 0.250.....                                   | 14                                  |
| 0.250 - 0.500.....                                   | 0                                   |
| 0.500 - 0.750.....                                   | 0                                   |
| 0.750 - 1.000.....                                   | 0                                   |
| 1.000 - 2.000.....                                   | 0                                   |
| 2.000 - 3.000.....                                   | 0                                   |
| 3.000 - 4.000.....                                   | 0                                   |
| 4.000 - 5.000.....                                   | 0                                   |
| 5.000 - 6.000.....                                   | 0                                   |
| 6.000 - 7.000.....                                   | 0                                   |
| 7.000 - 8.000.....                                   | 0                                   |
| 9.000 - 9.000.....                                   | 0                                   |
| 9.000 - 10.000.....                                  | 0                                   |
| 10.000 - 11.000.....                                 | 0                                   |
| 11.000 - 12.000.....                                 | 0                                   |
| Greater than 12.000.....                             | 0                                   |

TOTAL NUMBER OF INDIVIDUALS REPORTED 1081

The above information is submitted for the total number of individuals for whom personnel monitoring was: (check one)

Required under 10 CFR 20.202(a) or 10 CFR 34.33(a) during the calendar year.

Provided during the calendar year.

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

**FLORIDA POWER CORPORATION  
ANNUAL STS DOSE REPORT  
FOR PERIOD 01/01/1995 TO 12/31/1995**

NUMBER OF PERSONNEL ( >= 100 mREM )

TOTAL MAN-REM

|  | STATION<br>EMPLOYEES | UTILITY<br>EMPLOYEES | CONTRACT WORKER<br>AND OTHERS | STATION<br>EMPLOYEES | UTILITY<br>EMPLOYEES | CONTRACT WORKER<br>AND OTHERS |
|--|----------------------|----------------------|-------------------------------|----------------------|----------------------|-------------------------------|
| <b>REACTOR OPERATIONS AND SURVEILLANCE</b> |                      |                      |                               |                      |                      |                               |
| MAINTENANCE                                | 0                    | 0                    | 0                             | 0.010                | 0.000                | 0.000                         |
| OPERATION PERSONNEL                        | 1                    | 0                    | 0                             | 0.876                | 0.000                | 0.000                         |
| HEALTH PHYSICS PERSONNEL                   | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| SUPERVISOR PERSONNEL                       | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| ENGINEERING PERSONNEL                      | 0                    | 0                    | 0                             | 0.017                | 0.000                | 0.000                         |
| <b>ROUTINE MAINTENANCE</b>                 |                      |                      |                               |                      |                      |                               |
| MAINTENANCE                                | 1                    | 0                    | 0                             | 1.797                | 0.282                | 0.384                         |
| OPERATION PERSONNEL                        | 1                    | 0                    | 0                             | 0.664                | 0.000                | 0.000                         |
| HEALTH PHYSICS PERSONNEL                   | 7                    | 0                    | 0                             | 2.135                | 0.000                | 0.000                         |
| SUPERVISOR PERSONNEL                       | 0                    | 0                    | 0                             | 0.239                | 0.132                | 0.378                         |
| ENGINEERING PERSONNEL                      | 0                    | 0                    | 0                             | 0.172                | 0.267                | 0.000                         |
| <b>INSERVICE INSPECTION</b>                |                      |                      |                               |                      |                      |                               |
| MAINTENANCE                                | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| OPERATION PERSONNEL                        | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| HEALTH PHYSICS PERSONNEL                   | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| SUPERVISOR PERSONNEL                       | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| ENGINEERING PERSONNEL                      | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| <b>SPECIAL MAINTENANCE</b>                 |                      |                      |                               |                      |                      |                               |
| MAINTENANCE                                | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| OPERATION PERSONNEL                        | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| HEALTH PHYSICS PERSONNEL                   | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| SUPERVISOR PERSONNEL                       | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| ENGINEERING PERSONNEL                      | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| <b>WASTE PROCESSING</b>                    |                      |                      |                               |                      |                      |                               |
| MAINTENANCE                                | 0                    | 0                    | 0                             | 0.003                | 0.000                | 0.000                         |
| OPERATION PERSONNEL                        | 2                    | 0                    | 0                             | 0.624                | 0.000                | 0.000                         |
| HEALTH PHYSICS PERSONNEL                   | 0                    | 0                    | 0                             | 0.016                | 0.000                | 0.000                         |
| SUPERVISOR PERSONNEL                       | 1                    | 0                    | 0                             | 0.148                | 0.000                | 0.000                         |
| ENGINEERING PERSONNEL                      | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| <b>REFUELING</b>                           |                      |                      |                               |                      |                      |                               |
| MAINTENANCE                                | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| OPERATION PERSONNEL                        | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| HEALTH PHYSICS PERSONNEL                   | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| SUPERVISOR PERSONNEL                       | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| ENGINEERING PERSONNEL                      | 0                    | 0                    | 0                             | 0.000                | 0.000                | 0.000                         |
| <b>TOTALS</b>                              |                      |                      |                               |                      |                      |                               |
| MAINTENANCE                                | 1                    | 0                    | 0                             | 1.810                | 0.282                | 0.384                         |
| OPERATION PERSONNEL                        | 4                    | 0                    | 0                             | 2.164                | 0.000                | 0.000                         |
| HEALTH PHYSICS PERSONNEL                   | 7                    | 0                    | 0                             | 2.151                | 0.000                | 0.000                         |
| SUPERVISOR PERSONNEL                       | 1                    | 0                    | 0                             | 0.387                | 0.132                | 0.378                         |
| ENGINEERING PERSONNEL                      | 0                    | 0                    | 0                             | 0.189                | 0.267                | 0.000                         |
| <b>TOTAL DOSE IN REMS BY CATEGORY</b>      |                      |                      |                               | 6.701                | 0.681                | 0.762                         |
| <b>TOTAL STATION DOSE IN REMS</b>          |                      |                      |                               | 8.144                |                      |                               |