



**Florida
Power**

CORPORATION
Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72

April 27, 2000
3F0400-03

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: 1999 Occupational Radiation Exposure Report

Dear Sir:

Florida Power Corporation (FPC) hereby submits the 1999 Occupational Radiation Exposure Report in accordance with the Crystal River Unit 3 (CR-3) Improved Technical Specifications (ITS), Section 5.7.1.1(a). Regulatory Guide 1.16, Revision 4, "Reporting of Operating Information—Appendix A Technical Specifications," requires a report of station, utility, and other personnel (including contractors) receiving exposures greater than 100 mrem/year. The attached report provides the person-rem radiation exposures, according to work and job function, at CR-3 for the period beginning January 1, 1999 through December 31, 1999.

The individual monitoring report required by 10 CFR 20.2206(b) was submitted to the NRC REIRS Project Manager, in accordance with 10 CFR 20.2206(c), by FPC letter dated April 27, 2000 (3F0400-04).

If you have any questions regarding this submittal, please contact Mr. Sid Powell, Manager, Nuclear Licensing at (352) 563-4883.

Sincerely,

D. L. Roderick
Director, Nuclear Plant Operations

DLR/ff

Attachment

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

**FLORIDA POWER CORPORATION
ANNUAL ITS DOSE REPORT
FOR PERIOD 01/01/1999 TO 12/31/1999**

NUMBER OF PERSONNEL (>= 100 mREM)

TOTAL MAN-REM

	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKER AND OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKER AND OTHERS
REACTOR OPERATIONS AND SURVEILLANCE						
MAINTENANCE PERSONNEL	1	0	0	0.214	0.021	0.000
OPERATION PERSONNEL	29	5	1	8.454	1.696	0.449
HEALTH PHYSICS PERSONNEL	1	0	0	0.345	0.000	0.066
SUPERVISOR PERSONNEL	0	0	0	0.054	0.002	0.000
ENGINEERING PERSONNEL	0	0	0	0.043	0.048	0.000
ROUTINE MAINTENANCE						
MAINTENANCE PERSONNEL	32	13	40	10.649	4.628	16.848
OPERATION PERSONNEL	38	18	215	10.906	6.116	70.619
HEALTH PHYSICS PERSONNEL	30	0	22	8.586	0.000	9.715
SUPERVISOR PERSONNEL	4	4	31	1.443	1.937	13.584
ENGINEERING PERSONNEL	1	2	3	0.312	0.918	1.317
INSERVICE INSPECTION						
MAINTENANCE PERSONNEL	0	0	16	0.013	0.133	8.751
OPERATION PERSONNEL	4	1	53	0.790	0.385	32.329
HEALTH PHYSICS PERSONNEL	0	0	1	0.000	0.000	1.851
SUPERVISOR PERSONNEL	0	1	4	0.002	0.575	1.931
ENGINEERING PERSONNEL	0	0	0	0.000	0.054	0.000
SPECIAL MAINTENANCE						
MAINTENANCE PERSONNEL	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
WASTE PROCESSING						
MAINTENANCE PERSONNEL	1	0	0	0.323	0.009	0.178
OPERATION PERSONNEL	9	0	0	2.252	0.000	0.194
HEALTH PHYSICS PERSONNEL	0	0	1	0.138	0.000	0.442
SUPERVISOR PERSONNEL	0	0	0	0.135	0.002	0.002
ENGINEERING PERSONNEL	0	0	0	0.000	0.000	0.000
REFUELING						
MAINTENANCE PERSONNEL	2	2	12	0.826	1.137	8.263
OPERATION PERSONNEL	4	5	24	1.885	1.900	13.566
HEALTH PHYSICS PERSONNEL	0	0	0	0.053	0.000	0.290
SUPERVISOR PERSONNEL	1	0	9	0.327	0.106	2.702
ENGINEERING PERSONNEL	0	0	1	0.000	0.150	0.415
TOTALS						
MAINTENANCE PERSONNEL	36	15	68	12.025	5.929	34.041
OPERATION PERSONNEL	84	29	293	24.287	10.097	117.157
HEALTH PHYSICS PERSONNEL	31	0	24	9.123	0.000	12.365
SUPERVISOR PERSONNEL	5	5	44	1.962	2.622	18.219
ENGINEERING PERSONNEL	1	2	4	0.355	1.170	1.732
TOTAL DOSE IN REMS BY CATEGORY				47.752	19.818	183.514
TOTAL STATION DOSE IN REMS				251.084		