



FPL Energy
Seabrook Station

FPL Energy Seabrook Station
P.O. Box 300
Seabrook, NH 03874
(603) 773-7000

FEB 18 2004

Docket No. 50-443

NYN-04021

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

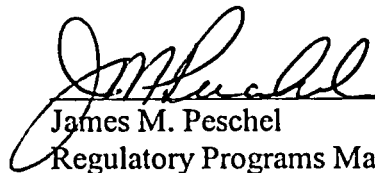
Seabrook Station
2003 Annual Report -- Radiation Exposure by Job Function

The FPL Energy Seabrook, LLC 2002 Annual Report of Radiation Exposure by Job Function is submitted in accordance with Technical Specification 6.8.1.2.a. and the guidance of Regulatory Guide 1.16.

Should you have any questions concerning this matter, please contact Mr. William T. Cash, Health Physics Department Manager, at (603) 773-7315.

Very truly yours,

FPL Energy Seabrook, LLC


James M. Peschel
Regulatory Programs Manager

cc: H. J. Miller, NRC Region I Administrator
V. Nerses, NRC Project Manager, Project Directorate I-2
G.T. Dentel, NRC Senior Resident Inspector

IE56

ENCLOSURE TO NYN-04021

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 100 MILLIREM)*				TOTAL MAN-REM			
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS	TOTAL PERSONS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS	TOTAL MAN-REMS
REACTOR OPERATIONS & SURVEILLANCE								
MAINTENANCE PERSONNEL	1	0	2		0.000	0.000	0.004	
OPERATING PERSONNEL	3	0	0		0.009	0.000	0.000	
HEALTH PHYSICS PERSONNEL	9	0	4		0.054	0.000	0.009	
SUPERVISORY PERSONNEL	0	0	0		0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0		0.000	0.000	0.000	
TOTAL	13	0	6	19	0.063	0.000	0.013	0.076
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	19	2	58		1.816	0.046	3.687	
OPERATING PERSONNEL	11	2	1		1.198	0.219	0.000	
HEALTH PHYSICS PERSONNEL	18	0	28		3.167	0.000	2.678	
SUPERVISORY PERSONNEL	0	2	0		0.000	0.193	0.000	
ENGINEERING PERSONNEL	1	0	4		0.150	0.000	0.000	
TOTAL	49	6	91	146	6.331	0.458	6.365	13.154
INSERVICE INSPECTION								
MAINTENANCE PERSONNEL	8	1	71		0.333	0.139	20.124	
OPERATING PERSONNEL	5	1	0		0.360	0.088	0.000	
HEALTH PHYSICS PERSONNEL	7	0	19		0.678	0.000	1.830	
SUPERVISORY PERSONNEL	0	1	0		0.000	0.008	0.000	
ENGINEERING PERSONNEL	1	0	5		0.000	0.000	1.041	
TOTAL	21	3	95	119	1.371	0.235	22.995	24.601
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	9	1	15		0.244	0.072	1.125	
OPERATING PERSONNEL	5	1	0		0.023	0.169	0.000	
HEALTH PHYSICS PERSONNEL	5	0	3		0.004	0.000	0.032	
SUPERVISORY PERSONNEL	0	2	0		0.000	0.449	0.000	
ENGINEERING PERSONNEL	0	0	0		0.000	0.000	0.000	
TOTAL	19	4	18	41	0.271	0.690	1.157	2.118
WASTE PROCESSING								
MAINTENANCE PERSONNEL	6	0	10		0.258	0.000	0.567	
OPERATING PERSONNEL	2	0	0		0.211	0.000	0.000	
HEALTH PHYSICS PERSONNEL	14	0	12		0.226	0.000	1.332	
SUPERVISORY PERSONNEL	0	0	0		0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0		0.000	0.000	0.000	
TOTAL	22	0	22	44	0.695	0.000	1.899	2.594
REFUELING								
MAINTENANCE PERSONNEL	8	2	34		0.517	0.133	4.928	
OPERATING PERSONNEL	9	1	1		0.245	0.005	0.217	
HEALTH PHYSICS PERSONNEL	5	0	15		0.015	0.000	0.574	
SUPERVISORY PERSONNEL	0	2	0		0.000	0.187	0.000	
ENGINEERING PERSONNEL	0	0	0		0.000	0.000	0.000	
TOTAL	22	5	50	77	0.777	0.325	5.719	6.821
TOTAL								
MAINTENANCE PERSONNEL	51(00019)	6(00002)	190(00108)		3.168	0.390	30.435	
OPERATING PERSONNEL	35(00011)	5(00002)	2(00001)		2.046	0.481	0.217	
HEALTH PHYSICS PERSONNEL	58(00018)	0(00000)	81(00030)		4.144	0.000	6.455	
SUPERVISORY PERSONNEL	0(00000)	7(00002)	0(00000)		0.000	0.837	0.000	
ENGINEERING PERSONNEL	2(00001)	0(00000)	9(00005)		0.150	0.000	1.041	
GRAND TOTAL	146(00049)	18(00006)	282(00144)	446(000199)	9.508	1.708	38.148	49.364

* INDIVIDUALS MAY APPEAR IN MORE THAN 1 WORK FUNCTION NUMBERS IN PARENTHESES ARE TOTAL NUMBERS OF INDIVIDUALS

ESTIMATED WHOLE BODY EXPOSURE RANGE (REMS)*	NUMBER OF INDIVIDUALS IN EACH RANGE
NO MEASURABLE EXPOSURE	708
MEASURABLE EXPOSURE LESS THAN 0.1	775
0.1 TO 0.25	130
0.25 TO 0.5	55
0.5 TO 0.75	20
0.75 TO 1.0	1
1.0 TO 2.0	0
2.0 TO 3.0	0
3.0 TO 4.0	0
4.0 TO 5.0	0
5.0 TO 6.0	0
6.0 TO 7.0	0
7.0 TO 8.0	0
8.0 TO 9.0	0
9.0 TO 10.0	0
10.0 TO 11.0	0
11.0 TO 12.0	0
12.0 OR MORE	0

TOTAL INDIVIDUALS: 1689

* INDIVIDUAL VALUES EXACTLY EQUAL TO THE VALUES SEPARATING EXPOSURE RANGES ARE REPORTED IN THE HIGHER RANGE.

THIS REPORT IS SUBMITTED IN ACCORDANCE WITH 10CFR20.407 PARAGRAPH (A)(2).