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AUTH. NAME    AUTHOR AFFILIATION  
CHAMBERS, R.H.    Carolina Power & Light Co.  
RECIP. NAME    RECIPIENT AFFILIATION

SUBJECT: "1991 Personnel Exposure & Monitoring Rpt for HB Robinson  
Steam Electric Plant." W/920128 ltr.

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TITLE: 20.407 Annual Personnel Monitoring Rpt/Annual Rad Exposure Rpt by Fun S

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Carolina Power & Light Company

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H. B. ROBINSON STEAM ELECTRIC PLANT  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
1991 PERSONNEL EXPOSURE AND MONITORING REPORT

Gentlemen:

In accordance with 10CFR20.407, Carolina Power and Light Company herewith submits the Report of Individual Whole Body Exposures for the Year 1991 associated with the H. B. Robinson Steam Electric Plant.

The total whole body exposure reported on the Statistical Summary Report is an adjusted thermoluminescent dosimeter reading due to the separate reporting of License No. SNM-2502, Independent Spent Fuel Storage Installation.

If you have any question concerning this report, please contact my staff or me.

Very truly yours,

R. H. Chambers  
Plant General Manager  
H. B. Robinson S. E. Plant

BBT:dwm

Enclosure

cc: E. S. Beckjord, Director  
Office of Nuclear Regulatory Research  
S. D. Ebeneter  
L. W. Garner

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STATISTICAL SUMMARY REPORT  
H. B. ROBINSON STEAM ELECTRIC PLANT - 1990  
JANUARY THROUGH DECEMBER  
LICENSE NO. DPR-23

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

<u>WHOLE BODY EXPOSURE RANGE (REM)</u>	<u>NO. OF INDIVIDUALS IN RANGE</u>
Non-Measurable	890
Less than 0.1	436
0.1 to 0.25	189
0.25 to 0.50	135
0.50 to 0.75	69
0.75 to 1.00	30
1 to 2	26
2 to 3	0
3 to 4	0
4 to 5	0
5 to 6	0
6 to 7	0
7 to 8	0
8 to 9	0
9 to 10	0
10 to 11	0
11 to 12	0
12 and Over	0
Total	1,775

Total Manrem: 193.349

APPENDIX B  
STANDARD FORMAT FOR REPORTING NUMBER OF PERSONNEL AND MANREM BY WORK AND JOB FUNCTION  
LICENSE NO. DPR-23

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL >100 MREM			TOTAL MANREM BY POCKET DOSIMETER		
	STATION EMPLOYEES	UTILITY EMPLOYEES	OTHER EMPLOYEES	STATION EMPLOYEES	UTILITY EMPLOYEES	OTHER WORKERS
Reactor Operations and Surveillance						
Maintenance Personnel	6	0	1	2.830	0.075	1.005
Operating Personnel	41	0	2	11.710	0.000	4.350
Health Physics Personnel	26	0	17	7.876	0.045	6.130
Supervisory Personnel	0	0	0	0.080	0.020	0.065
Engineering Personnel	2	0	5	1.682	0.335	1.985
Routine Maintenance						
Maintenance Personnel	28	9	28	6.945	2.440	8.730
Operating Personnel	0	0	0	0.000	0.000	0.080
Health Physics Personnel	5	0	0	1.385	0.000	0.275
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	1	5	0.115	0.325	2.740
Inservice Inspection						
Maintenance Personnel	0	0	13	0.365	0.020	3.640
Operating Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.220
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	3	0	3	1.075	0.000	0.795
Special Maintenance						
Maintenance Personnel	37	1	101	12.070	0.425	38.650
Operating Personnel	1	0	7	0.930	0.000	1.375
Health Physics Personnel	9	0	15	3.683	0.020	4.355
Supervisory Personnel	0	0	0	0.000	0.000	0.030
Engineering Personnel	1	1	28	1.065	0.715	10.880

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	STATION EMPLOYEES	UTILITY EMPLOYEES	OTHER EMPLOYEES	STATION EMPLOYEES	UTILITY EMPLOYEES	OTHER WORKERS
Waste Processing						
Maintenance Personnel	6	4	18	1.055	0.900	6.160
Operating Personnel	0	0	0	0.000	0.000	0.100
Health Physics Personnel	0	0	5	0.380	0.000	1.685
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	1	0.090	0.000	0.295
Refueling						
Maintenance Personnel	18	1	60	4.945	0.605	29.310
Operating Personnel	0	0	3	0.310	0.000	0.995
Health Physics Personnel	5	0	13	1.570	0.000	4.115
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	1	0	42	0.950	0.085	43.935
Total						
Maintenance Personnel	95	15	221	28.210	4.465	87.495
Operating Personnel	42	0	12	12.950	0.000	6.900
Health Physics Personnel	45	0	50	14.894	0.65	16.780
Supervisory Personnel	0	0	0	0.080	0.020	0.095
Engineering Personnel	7	2	84	4.977	1.460	60.630
Grand Total	189	17	367	61.111	6.010	171.900