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 AUTH. NAME AUTHOR AFFILIATION  
 SHEPPARD, J.J. Carolina Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: "1990 Personnel Exposure & Monitoring Rept." W/910123 Ltr.

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Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT  
POST OFFICE BOX 790  
HARTSVILLE, SOUTH CAROLINA 29550  
JAN 23 1991

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H. B. ROBINSON STEAM ELECTRIC PLANT  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
1990 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 1990 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,

J. J. Sheppard  
Plant General Manager  
H. B. Robinson S. E. Plant

TP:lko

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



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	967
Less than 0.1	739
0.1 to 0.25	302
0.25 to 0.50	277
0.50 to 0.75	124
0.75 to 1.00	104
1 to 2	80
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 2,593

Total Manrem: 437.286

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	2	2.920	0.100	2.270
Operating Personnel	29	0	0	9.385	0.000	0.280
Health Physics Personnel	7	0	40	2.860	0.040	16.355
Supervisory Personnel	0	0	0	0.210	0.065	0.050
Engineering Personnel	3	0	4	2.400	0.300	2.320
Routine Maintenance						
Maintenance Personnel	25	11	52	10.045	2.940	19.690
Operating Personnel	0	0	0	0.000	0.000	0.050
Health Physics Personnel	1	0	5	0.530	0.000	1.370
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	1	0	12	0.450	0.000	3.530
Inservice Inspection						
Maintenance Personnel	4	2	38	1.610	1.220	15.400
Operating Personnel	3	0	0	1.620	0.000	0.000
Health Physics Personnel	1	0	7	0.490	0.000	1.980
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	6	0	32	1.880	0.140	12.400
Special Maintenance						
Maintenance Personnel	52	9	383	23.471	2.230	211.732
Operating Personnel	24	0	41	5.277	0.000	20.460
Health Physics Personnel	33	0	41	11.117	0.040	13.045
Supervisory Personnel	0	0	3	0.090	0.040	0.870
Engineering Personnel	14	3	98	5.982	1.070	36.422

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	STATION EMPLOYEES	UTILITY EMPLOYEES	OTHER EMPLOYEES	STATION EMPLOYEES	UTILITY EMPLOYEES	OTHER WORKERS
Waste Processing						
Maintenance Personnel	1	1	55	0.380	0.780	18.780
Operating Personnel	0	0	1	0.020	0.000	0.280
Health Physics Personnel	1	0	8	0.625	0.080	3.400
Supervisory Personnel	0	1	0	0.000	0.160	0.000
Engineering Personnel	0	0	0	0.040	0.040	0.330
Refueling						
Maintenance Personnel	15	0	30	5.465	0.040	9.180
Operating Personnel	1	0	0	0.540	0.000	0.040
Health Physics Personnel	1	0	15	0.365	0.000	4.625
Supervisory Personnel	0	0	0	0.000	0.000	0.020
Engineering Personnel	3	2	64	0.810	0.385	34.760
Total						
Maintenance Personnel	103	23	560	43.891	7.310	277.052
Operating Personnel	57	0	42	16.842	0.000	21.110
Health Physics Personnel	44	0	116	15.987	0.160	40.775
Supervisory Personnel	0	1	3	0.300	0.265	0.940
Engineering Personnel	27	5	210	11.562	1.935	89.762
Grand Total	231	29	931	88.582	9.670	429.639