

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9003080134 DOC. DATE: <sup>2/22/90</sup>~~89/12/31~~ NOTARIZED: NO DOCKET #  
 FACIL: 50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light Co. 05000261  
 AUTH. NAME AUTHOR AFFILIATION  
 MORGAN, R.E. Carolina Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: "Personnel Exposure & Monitoring Rept for 1989."

DISTRIBUTION CODE: IE56D COPIES RECEIVED: LTTR 1 ENCL 1 SIZE: 4  
 TITLE: 20.407 Annual Personnel Monitoring Rpt/Annual Rad Exposure Rpt by Fun

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD2-1 LA	1 0	PD2-1 PD	5 5
	LO,R	1 0		
INTERNAL:	ACNW	6 6	AEOD/DSP/TPAB	1 1
	NRR/DOEA/OEAB11	1 1	NRR/DREP/PRPB11	2 2
	NUDOCS-ABSTRACT	1 1	<del>REG FILE</del> 02	1 1
	RES BROOKS,B	2 2	RGN2 01	1 1
EXTERNAL:	LPDR	1 1	NRC PDR	1 1
	NSIC	1 1		

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,  
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION  
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 25 ENCL 23

*m 11/4*



Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT  
POST OFFICE BOX 790  
HARTSVILLE, SOUTH CAROLINA 29550  
**FEB. 27 1990**

File No. 13510

Serial: RNP/90-0483

United States Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, D. C. 20555

H. B. ROBINSON STEAM ELECTRIC PLANT  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
1989 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 1989 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. E. Morgan  
Plant General Manager  
H. B. Robinson S. E. Plant

KSV:lht

Enclosure

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

9003080134 891231  
PDR ADOCK 05000261  
R PNU

1356  
11

Memorandum to United States Nuclear Regulatory Commission  
Serial: RNP/90-0483  
Page 2

STATISTICAL SUMMARY REPORT  
H. B. ROBINSON STEAM ELECTRIC PLANT - 1989  
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	1328
Less than 0.1	610
0.1 to 0.25	225
0.25 to 0.50	129
0.50 to 0.75	62
0.75 to 1.00	46
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	2,426

Total Manrem: 195.171

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	2	0	0	1.820	0.045	0.306
Operating Personnel	37	0	0	12.404	0.000	1.975
Health Physics Personnel	22	0	0	9.670	0.000	0.565
Supervisory Personnel	0	0	0	0.055	0.000	0.000
Engineering Personnel	3	0	1	2.117	0.245	0.835
Routine Maintenance						
Maintenance Personnel	0	0	3	0.780	0.285	1.335
Operating Personnel	0	0	0	0.000	0.000	0.055
Health Physics Personnel	1	0	0	0.235	0.000	0.005
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.020	0.000	0.070
Inservice Inspection						
Maintenance Personnel	0	0	1	0.130	0.055	0.460
Operating Personnel	0	0	0	0.015	0.000	0.075
Health Physics Personnel	0	0	0	0.030	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.015	0.000
Engineering Personnel	0	0	0	0.415	0.100	0.655
Special Maintenance						
Maintenance Personnel	56	23	118	31.774	10.503	42.261
Operating Personnel	0	0	0	0.511	0.000	0.135
Health Physics Personnel	13	0	1	4.638	0.000	1.490
Supervisory Personnel	0	0	0	0.010	0.000	0.006
Engineering Personnel	12	0	22	5.717	0.485	6.849

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
Waste Processing						
Maintenance Personnel	3	0	8	0.785	0.050	2.675
Operating Personnel	0	0	0	0.000	0.000	0.170
Health Physics Personnel	3	0	1	1.145	0.000	0.500
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	2	0.000	0.000	0.555
Refueling						
Maintenance Personnel	26	17	36	7.500	4.770	14.430
Operating Personnel	5	0	0	1.930	0.000	0.005
Health Physics Personnel	17	0	11	4.205	0.000	3.850
Supervisory Personnel	0	0	0	0.030	0.000	0.000
Engineering Personnel	1	0	22	1.010	0.240	6.730
Total						
Maintenance Personnel	87	40	166	42.789	15.708	61.467
Operating Personnel	42	0	0	14.860	0.000	2.415
Health Physics Personnel	56	0	1	19.923	0.000	6.410
Supervisory Personnel	0	0	0	0.095	0.015	0.006
Engineering Personnel	16	0	47	9.279	1.070	15.694
Grand Total	201	40	226	86.946	16.793	85.992