



Carolina Power & Light Company

Brunswick Nuclear Project
P. O. Box 10429
Southport, NC 28461-0429

January 21, 1992

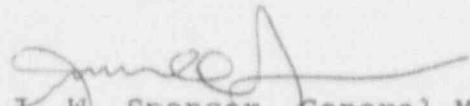
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Brunswick Steam Electric Plant Units 1 and 2
Docket Nos. 50-325 and 50-324
License Nos. DPR-71 and DPR-62
Annual Radiation Exposure Report

In accordance with Appendix A, Section 6.9.1.5 of the Brunswick
Steam Electric Plant Technical Specifications, Carolina Power &
Light Company submits the Brunswick Annual Radiation Exposure
Report for January 1, 1991 through December 31, 1991.

Sincerely,


J. W. Spencer, General Manager
Brunswick Steam Electric Plant

PBS/tcw

Enclosure

cc: Mr. Stewart Ebner, Administrator
U. S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street NW
Atlanta, GA 30323

Mr. N. B. Le

Mr. R. L. Prevatte

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RIMS II
NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION, 1991
BRUNSWICK PLANT01/03/92
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NUMBER OF PERSONNEL > 100 MREM				TOTAL MAN-REM			
WORK AND JOB FUNCTION	STAT	UTIL	CNTR	STAT	UTIL	CNTR	
REACTOR OPERATIONS AND SURVEILLANCE							
MAINTENANCE PERSONNEL	19	3	9	6.261	1.290	3.842	
OPERATING PERSONNEL	80	0	11	53.554	0.000	2.903	
HEALTH PHYSICS PERSONNEL	62		55	35.157	0.130	29.597	
SUPERVISORY PERSONNEL	18	0	0	6.353	0.055	0.080	
ENGINEERING PERSONNEL	3	1	3	1.795	0.240	1.579	
ROUTINE MAINTENANCE							
MAINTENANCE PERSONNEL	198	50	417	147.520	44.008	177.007	
OPERATING PERSONNEL	21	0	10	6.955	0.000	5.714	
HEALTH PHYSICS PERSONNEL	23	2	15	8.425	0.450	4.386	
SUPERVISORY PERSONNEL	30	4	14	9.124	1.336	4.980	
ENGINEERING PERSONNEL	56	4	143	17.768	1.977	66.755	
INSERVICE INSPECTION							
MAINTENANCE PERSONNEL	6	11	22	2.335	2.656	6.987	
OPERATING PERSONNEL	0	0	0	0.105	0.000	0.000	
HEALTH PHYSICS PERSONNEL	0	0	0	0.215	0.000	0.040	
SUPERVISORY PERSONNEL	0	0	0	0.020	0.005	0.105	
ENGINEERING PERSONNEL	6	2	19	1.856	0.747	6.665	
SPECIAL MAINTENANCE							
MAINTENANCE PERSONNEL	33	2	320	11.964	0.895	162.698	
OPERATING PERSONNEL	0	0	0	0.040	0.000	0.010	
HEALTH PHYSICS PERSONNEL	2	0	4	0.765	0.085	1.175	
SUPERVISORY PERSONNEL	1	0	21	0.399	0.005	8.045	
ENGINEERING PERSONNEL	14	2	64	3.820	0.839	18.538	
WASTE PROCESSING							
MAINTENANCE PERSONNEL	14	0	3	5.540	0.005	2.007	
OPERATING PERSONNEL	0	0	0	0.040	0.000	0.000	
HEALTH PHYSICS PERSONNEL	2	0	0	0.756	0.005	0.345	
SUPERVISORY PERSONNEL	0	0	0	0.015	0.060	0.005	
ENGINEERING PERSONNEL	0	0	0	0.060	0.010	0.025	
REFUELING							
MAINTENANCE PERSONNEL	10	0	60	10.195	0.130	22.978	
OPERATING PERSONNEL	1	0	0	0.340	0.000	0.000	
HEALTH PHYSICS PERSONNEL	0	0	1	0.260	0.000	0.341	
SUPERVISORY PERSONNEL	3	0	0	0.610	0.000	0.015	
ENGINEERING PERSONNEL	0	0	21	0.480	0.210	9.097	
TOTAL							
MAINTENANCE PERSONNEL	280	66	831	183.815	48.984	375.519	
OPERATING PERSONNEL	102	0	21	61.034	0.000	8.627	
HEALTH PHYSICS PERSONNEL	89	2	75	45.578	0.670	35.884	
SUPERVISORY PERSONNEL	52	4	35	16.521	1.401	12.230	
ENGINEERING PERSONNEL	79	6	250	25.779	4.023	102.659	
GRAND TOTAL	602	81	1212	332.727	55.078	535.919	

bcc:

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