



Carolina Power & Light Company
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United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62
ANNUAL PERSONNEL EXPOSURE AND MONITORING REPORT

Gentlemen:

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 Personnel Exposure and Monitoring Report for January 1, 1995 through December 31, 1995.

In an effort to provide the most accurate data possible, we have applied a correction factor to the electronic dosimeter estimates which are typically low. This correction factor is the ratio of cumulative dose from the TLD readings to the total of electronic dosimeter estimates from Radiation Work Permits (correction factor = 1.03 for 1995).

Please refer any questions regarding this letter to Mr. George Honma at (910) 457-2741.

Sincerely,

W. Levis - Director Site Operations
Brunswick Steam Electric Plant

GMT/gmt

Enclosure:

040042

1. Report
2. List of Regulatory Commitments

cc: Mr. S. D. Ebner, NRC Regional Administrator, Region II
Mr. C. A. Patterson, NRC Senior Resident Inspector - Brunswick Plant
Mr. D. C. Trimble, Jr., NRR Project Manager - Brunswick Plant
The Honorable H. Wells, Chairman - North Carolina Utilities Commission

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ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2
NRC DOCKET NOS. 50-325 & 50-324
OPERATING LICENSE NOS. DPR-71 & DPR-62
ANNUAL PERSONNEL EXPOSURE AND MONITORING REPORT

Number of Personnel and Person-rem by Work and Job Function, 1995

BRUNSWICK NUCLEAR PLANT

Work and Job Function	Number of Personnel > 100 mrem				Total Person-rem			
	Station	Utility	Contract	Total	Station	Utility	Contract	Total
Reactor Operations & Surveillance								
Maintenance Personnel	11	2	6	19	3.666	0.340	3.530	7.536
Operating Personnel	79	0	41	120	33.938	0.000	10.099	44.037
Health Physics Personnel	64	0	29	93	26.006	0.006	12.232	38.244
Supervisory Personnel	14	1	2	17	5.791	0.140	0.615	6.546
Engineering Personnel	5	0	2	7	3.628	0.185	1.312	5.125
Routine Maintenance								
Maintenance Personnel	171	1	413	585	72.745	2.463	196.957	272.165
Operating Personnel	0	0	1	1	0.632	0.165	0.282	1.079
Health Physics Personnel	22	0	15	37	6.577	0.000	6.097	12.674
Supervisory Personnel	11	0	7	18	5.057	0.065	2.871	7.993
Engineering Personnel	39	1	128	168	16.327	0.761	72.429	89.517
Inservice Inspection								
Maintenance Personnel	3	0	18	21	0.912	0.000	5.320	6.232
Operating Personnel	4	0	0	4	1.877	0.000	0.000	1.877
Health Physics Personnel	1	0	0	1	0.223	0.000	0.039	0.262
Supervisory Personnel	1	0	0	1	0.289	0.000	0.013	0.302
Engineering Personnel	7	0	14	21	1.931	0.044	4.592	6.567
Special Maintenance								
Maintenance Personnel	0	7	283	290	1.240	1.273	110.477	112.990
Operating Personnel	0	0	2	2	0.044	0.000	0.830	0.874
Health Physics Personnel	10	0	17	27	2.197	0.000	3.882	6.079
Supervisory Personnel	3	0	5	8	1.053	0.003	1.039	2.095
Engineering Personnel	5	1	17	23	1.590	0.362	4.763	6.715
Waste Processing								
Maintenance Personnel	10	0	23	33	4.472	0.012	6.627	11.111
Operating Personnel	0	0	0	0	0.000	0.000	0.000	0.000
Health Physics Personnel	3	0	1	4	0.698	0.000	0.463	1.161
Supervisory Personnel	0	0	1	1	0.150	0.000	0.330	0.480
Engineering Personnel	1	0	4	5	0.336	0.001	1.647	1.984
Refueling								
Maintenance Personnel	6	2	30	38	1.764	0.336	13.134	15.234
Operating Personnel	0	0	0	0	0.000	0.000	0.000	0.000
Health Physics Personnel	0	0	1	1	0.007	0.000	0.293	0.300
Supervisory Personnel	1	0	2	3	0.339	0.001	1.367	1.707
Engineering Personnel	5	0	44	49	1.554	0.087	20.966	22.607
Total								
Maintenance Personnel	201	12	773	986	84.799	4.424	336.045	425.268
Operating Personnel	83	0	44	127	36.490	0.165	11.211	47.866
Health Physics Personnel	100	0	63	163	35.709	0.006	23.006	58.721
Supervisory Personnel	30	1	17	48	12.678	0.209	6.236	19.123
Engineering Personnel	62	2	209	273	25.366	1.366	105.708	132.440
Grand Total	476	15	1106	1597	195.042	6.170	482.206	683.418

February 14, 1996

Note: Person-rem values are electronic dosimeter estimates corrected for the ratio of TLD Total : ED Total.

ENCLOSURE 2
BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2
NRC DOCKET NOS. 50-325 & 50-324
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LIST OF REGULATORY COMMITMENTS

The following table identifies those actions committed to by Carolina Power & Light Company in this document. Any other actions discussed in the submittal represent intended or planned actions by Carolina Power & Light Company. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Manager-Regulatory Affairs at the Brunswick Nuclear Plant of any questions regarding this document or any associated regulatory commitments.

Commitment	Committed date or outage
None	