



Carolina Power & Light Company
P.O. Box 10429
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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 Brunswick Steam Electric Plant Technical Specifications, Carolina Power and Light Company submits the Brunswick Annual Personnel Exposure and Monitoring Report for January 1, 1996 through December 31, 1996.

Please refer any questions regarding this letter to Mr. Mark Turkal at (910) 457-3066.

Sincerely,

W. Levis - Director Site Operations
Brunswick Steam Electric Plant

GMT/

Enclosure:

1. Annual Radiation Exposure Report
2. List of Regulatory Commitments

cc: Mr. L. A. Reyes, 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 J. A. Sanford, 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, 1996
BRUNSWICK PLANT

PHP197

WORK & JOB FUNCTION	NUMBER OF PERSONNEL > 100 mrem			TOTAL PERSON-REM *		
	STAT	UTIL	CNTR	STAT	UTIL	CNTR
REACTOR OPERATIONS AND SURVEILLANCE						
MAINTENANCE PERSONNEL	5	0	12	2.834	0.122	6.344
OPERATING PERSONNEL	86	0	18	31.978	0.004	5.301
HEALTH PHYSICS PERSONNEL	67	0	36	31.728	0.093	13.747
SUPERVISORY PERSONNEL	5	0	0	3.265	0.085	0.308
ENGINEERING PERSONNEL	11	0	5	3.842	0.043	2.283
ROUTINE MAINTENANCE						
MAINTENANCE PERSONNEL	182	22	378	88.703	10.949	182.545
OPERATING PERSONNEL	4	1	0	2.024	0.553	0.083
HEALTH PHYSICS PERSONNEL	20	1	14	7.771	0.316	8.527
SUPERVISORY PERSONNEL	16	1	6	7.745	0.405	4.575
ENGINEERING PERSONNEL	56	0	187	22.158	0.722	150.930
INSERVICE INSPECTIONS						
MAINTENANCE PERSONNEL	3	0	0	1.198	0.038	0.887
OPERATING PERSONNEL	6	0	0	2.523	0.000	0.012
HEALTH PHYSICS PERSONNEL	0	0	0	0.000	0.000	0.009
SUPERVISORY PERSONNEL	0	0	0	0.000	0.000	0.011
ENGINEERING PERSONNEL	5	0	7	1.904	0.000	3.941
SPECIAL MAINTENANCE						
MAINTENANCE PERSONNEL	6	10	166	2.473	2.865	59.694
OPERATING PERSONNEL	1	0	1	0.190	0.174	0.169
HEALTH PHYSICS PERSONNEL	15	0	10	4.632	0.002	3.053
SUPERVISORY PERSONNEL	0	0	1	0.753	0.007	0.671
ENGINEERING PERSONNEL	0	0	7	1.323	0.110	4.557
WASTE PROCESSING						
MAINTENANCE PERSONNEL	11	0	4	4.806	0.076	3.270
OPERATING PERSONNEL	0	0	0	0.080	0.000	0.000
HEALTH PHYSICS PERSONNEL	6	0	1	1.586	0.014	0.276
SUPERVISORY PERSONNEL	0	0	0	0.085	0.000	0.030
ENGINEERING PERSONNEL	0	0	1	0.252	0.000	0.926
REFUELING						
MAINTENANCE PERSONNEL	5	0	17	3.292	0.360	6.025
OPERATING PERSONNEL	0	0	0	0.252	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	2	0.135	0.000	0.252
SUPERVISORY PERSONNEL	7	0	0	2.911	0.000	0.048
ENGINEERING PERSONNEL	7	0	26	3.757	0.028	6.606
TOTAL						
MAINTENANCE PERSONNEL	212	32	577	103.305	14.410	258.765
OPERATING PERSONNEL	97	1	19	37.047	0.732	5.565
HEALTH PHYSICS PERSONNEL	108	1	63	45.852	0.425	25.863
SUPERVISORY PERSONNEL	28	1	7	14.759	0.498	5.642
ENGINEERING PERSONNEL	79	0	233	33.237	0.903	169.243
GRAND TOTAL	524	35	899	234.200	16.967	465.077

* Adjusted for TLD (official dose)

ENCLOSURE 2
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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	