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March 20, 2000

Docket Nos. 50-424
50-425

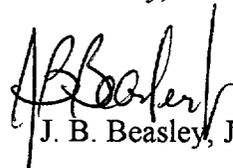
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT
1999 OCCUPATIONAL RADIATION EXPOSURE REPORT

In accordance with section 5.6.1 of the Vogtle Electric Generating Plant Technical Specifications, Southern Nuclear Operating Company hereby submits the 1999 Occupational Radiation Exposure Report.

Sincerely,



J. B. Beasley, Jr.

JBB/JLL

Enclosure: Occupational Radiation Exposure Report

cc: Southern Nuclear Operating Company
Mr. J. T. Gasser
Mr. M. Sheibani
SNC Document Management

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. R. R. Assa, Project Manager, NRR
Mr. J. Zeiler, Senior Resident Inspector, Vogtle
Mr. E. S. Beckjord, Director, Office of Nuclear Regulatory Research

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**VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2
NRC DOCKET NOS. 50-424 AND 50-425
FACILITY OPERATING LICENSE NOS. NPF-68 AND NPF-81**

1999 OCCUPATIONAL RADIATION EXPOSURE REPORT

WORK & JOB FUNCTION	# PERSONNEL >100 mrem			TOTAL (man-rem)		
	STATION	UTILITY	CONTRACT	STATION	UTILITY	CONTRACT
Reactor Operations & Surveillance						
Maintenance & Construction	1	0	1	1.596	0.228	0.679
Operations	25	0	1	6.261	0.003	0.245
Health Physics & Lab	12	5	23	3.318	0.657	5.329
Supervisory & Office Staff	0	0	0	0.473	0.087	0.333
Engineering Staff	1	0	0	0.397	0.002	0.182
Routine Plant Maintenance						
Maintenance & Construction	17	1	0	6.073	0.216	1.605
Operations	2	0	0	1.271	0.000	0.024
Health Physics & Lab	27	0	1	5.982	0.038	0.795
Supervisory & Office Staff	0	0	1	0.242	0.086	0.209
Engineering Staff	0	0	2	0.380	0.033	0.413
Inservice Inspection						
Maintenance & Construction	7	3	54	2.519	0.746	18.282
Operations	1	0	2	0.288	0.000	0.535
Health Physics & Lab	2	0	0	0.593	0.000	0.033
Supervisory & Office Staff	1	2	8	0.538	0.286	2.423
Engineering Staff	0	0	6	0.066	0.217	1.658
Special Plant Maintenance *						
Maintenance & Construction	87	10	269	24.165	2.564	85.471
Operations	10	1	12	3.041	0.151	3.481
Health Physics & Lab	7	0	5	1.641	0.016	1.413
Supervisory & Office Staff	3	1	11	1.569	0.145	3.726
Engineering Staff	1	0	4	0.595	0.017	1.202
Waste Processing						
Maintenance & Construction	5	0	2	1.393	0.003	0.360
Operations	17	0	0	2.295	0.000	0.000
Health Physics & Lab	14	0	22	4.876	0.000	5.790
Supervisory & Office Staff	0	0	0	0.000	0.000	0.000
Engineering Staff	0	0	0	0.000	0.000	0.000
Refueling						
Maintenance & Construction	3	0	42	1.133	0.066	11.042
Operations	4	0	5	0.971	0.000	1.551
Health Physics & Lab	3	0	5	0.969	0.000	1.821
Supervisory & Office Staff	1	0	6	0.198	0.008	1.231
Engineering Staff	0	0	1	0.314	0.010	0.373
Totals						
Maintenance & Construction	120	14	368	36.879	3.823	117.439
Operations	49	1	20	14.127	0.154	5.836
Health Physics & Lab	65	5	56	17.379	0.711	15.181
Supervisory & Office Staff	5	3	26	3.020	0.612	7.922
Engineering Staff	2	0	13	1.752	0.279	3.828
Grand Totals	241	23	483	73.157	5.579	150.206

Total radiation exposure is 228.942 Rem (114.471 Rem per unit) which constitutes 100% of the site exposure for the year.

* - Refers to special maintenance not usually performed during normal operations. Most major maintenance is associated with outages. Examples of special maintenance performed in 1999 include: replacement of reactor neutron monitors, installing in-mast fuel sipping capability, replacement of CVCS positive displacement pump, steam generator secondary side cleaning, and other plant design changes.