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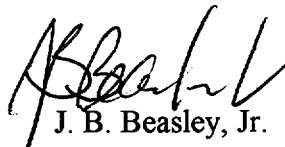
U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555

Gentlemen:

**VOGTLE ELECTRIC GENERATING PLANT  
2000 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 2000 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



**VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2**  
**2000 OCCUPATIONAL RADIATION EXPOSURE REPORT**

WORK & JOB FUNCTION	# PERSONNEL >100 mrem			TOTAL (man-rem)		
	STATION	UTILITY	CONTRACT	STATION	UTILITY	CONTRACT
<b>Reactor Operations &amp; Surveillance</b>						
Maint. & Construction	3	0	1	0.660	0.044	0.490
Operations	10	0	0	3.404	0.005	0.058
Health Physics & Lab	4	0	6	1.701	0.162	1.819
Supervisory & Office Staff	0	0	0	0.230	0.005	0.108
Engineering Staff	0	0	0	0.236	0.037	0.073
<b>Routine Plant Maintenance</b>						
Maint. & Construction	13	0	0	4.898	0.060	0.837
Operations	1	0	0	1.071	0.000	0.044
Health Physics & Lab	16	0	0	3.989	0.007	0.247
Supervisory & Office Staff	2	0	0	0.409	0.007	0.138
Engineering Staff	0	0	0	0.348	0.019	0.229
<b>Inservice Inspection</b>						
Maint. & Construction	0	0	51	0.058	0.000	13.955
Operations	0	0	0	0.029	0.000	0.000
Health Physics & Lab	0	0	0	0.079	0.000	0.019
Supervisory & Office Staff	0	0	1	0.055	0.011	0.802
Engineering Staff	0	0	1	0.023	0.032	0.347
<b>Special Plant Maintenance *</b>						
Maint. & Construction	36	4	178	9.839	1.193	50.164
Operations	0	0	2	1.181	0.000	0.445
Health Physics & Lab	1	2	4	0.737	0.285	1.006
Supervisory & Office Staff	1	0	2	0.309	0.012	1.031
Engineering Staff	0	1	3	0.230	0.332	1.114
<b>Waste Processing</b>						
Maint. & Construction	7	0	0	1.369	0.025	0.011
Operations	2	0	0	0.758	0.000	0.019
Health Physics & Lab	17	0	12	3.564	0.011	2.905
Supervisory & Office Staff	0	0	0	0.004	0.000	0.000
Engineering Staff	0	0	0	0.004	0.000	0.000
<b>Refueling</b>						
Maint. & Construction	3	0	24	0.789	0.005	5.422
Operations	0	0	0	0.528	0.000	0.117
Health Physics & Lab	0	0	0	0.423	0.000	0.364
Supervisory & Office Staff	0	0	0	0.102	0.013	0.071
Engineering Staff	0	0	1	0.046	0.006	0.133
<b>Totals</b>						
Maint. & Construction	62	4	254	17.613	1.327	70.879
Operations	13	0	2	6.971	0.005	0.683
Health Physics & Lab	38	2	22	10.493	0.465	6.360
Supervisory & Office Staff	3	0	3	1.109	0.048	2.150
Engineering Staff	0	1	5	0.887	0.426	1.896
<b>Grand Totals</b>	<b>116</b>	<b>7</b>	<b>286</b>	<b>37.073</b>	<b>2.271</b>	<b>81.968</b>

**Total radiation exposure is 121.312 Rem (60.656 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 2000 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.