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Rick J. King  
Director  
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March 30, 2001

U.S. Nuclear Regulatory Commission  
ATTN.: Document Control Desk  
Washington, DC 20555-0001

Subject: River Bend Station's Annual Occupational Radiation Exposure Report - 2000  
River Bend Station - Unit I  
License No. NPF-47  
Docket No. 50-458

File Nos.: G9.5, G9.25.1.5

RBG-45699  
RBF1-01-0069

Gentlemen:

Pursuant to Technical Specifications 5.6.1, attached is the River Bend Station Occupational Radiation Exposure Report covering plant activities performed during 2000. This report consists of a tabulation of occupational radiation exposure for personnel receiving exposures greater than 100 mrem per year, in addition to their associated man-rem exposure according to work and job functions. This tabulation supplements the requirements of 10 CFR 20.2206 and is based on direct reading dosimeters.

Should you have any questions or require additional information, please contact Mr. Arlie D. Wells at (225) 381-4476.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. J. King".

R. J. King

RJK/DLM

Attachment

IE56

River Bend Station's Annual Occupational Radiation Exposure Report - 2000  
March 30, 2001  
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cc: U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011

NRC Resident Inspector  
PO Box 1050  
St. Francisville, LA 70775

Mr. Bob Moody, Project Manager  
U.S. Nuclear Regulatory Commission  
M/S O-7D1  
Washington, DC 20555

REIRS Project Manager  
U.S. Nuclear Regulatory Commission  
Office of Nuclear Regulatory Research  
Washington, D.C. 20555-0001

Work and Job Function	Number of Personnel > 100 mrem			Total Man-Rem*		
	Station	Utility	Contractor	Station	Utility	Contractor
<b>REACTOR OPERATIONS AND SURVEILLANCE</b>						
MAINTENANCE PERSONNEL	4.970	0.393	1.268	1.605	0.081	0.440
OPERATING PERSONNEL	43.543	1.993	0.145	12.126	0.279	0.019
HEALTH PHYSICS PERSONNEL	12.450	9.133	9.757	4.683	2.811	2.713
SUPERVISORY PERSONNEL	3.168	0.000	4.393	0.665	0.000	0.755
ENGINEERING PERSONNEL	4.517	0.008	0.308	0.904	0.001	0.135
<b>ROUTINE MAINTENANCE</b>						
MAINTENANCE PERSONNEL	31.437	10.177	82.540	8.475	2.156	24.104
OPERATING PERSONNEL	0.247	0.000	0.511	0.080	0.000	0.067
HEALTH PHYSICS PERSONNEL	0.608	0.129	14.620	0.204	0.027	3.668
SUPERVISORY PERSONNEL	2.263	0.016	0.059	0.917	0.004	0.008
ENGINEERING PERSONNEL	1.104	0.000	0.129	0.172	0.000	0.066
<b>INSERVICE INSPECTION</b>						
MAINTENANCE PERSONNEL	0.037	0.000	18.490	0.004	0.000	5.833
OPERATING PERSONNEL	0.573	0.000	0.000	0.149	0.000	0.000
HEALTH PHYSICS PERSONNEL	0.320	0.000	0.068	0.102	0.000	0.032
SUPERVISORY PERSONNEL	1.967	0.984	1.915	0.477	0.248	0.431
ENGINEERING PERSONNEL	5.136	1.992	7.895	0.865	0.293	1.423
<b>SPECIAL MAINTENANCE</b>						
MAINTENANCE PERSONNEL	30.519	14.304	89.776	10.820	3.638	40.201
OPERATING PERSONNEL	5.116	0.007	0.344	1.339	0.001	0.045
HEALTH PHYSICS PERSONNEL	10.055	2.031	6.617	5.875	1.093	2.352
SUPERVISORY PERSONNEL	3.265	0.000	0.685	0.887	0.000	0.197
ENGINEERING PERSONNEL	8.578	0.000	8.425	2.220	0.000	1.827
<b>WASTE PROCESSING</b>						
MAINTENANCE PERSONNEL	0.169	0.000	2.709	0.082	0.000	1.280
OPERATING PERSONNEL	0.000	0.000	0.000	0.000	0.000	0.000
HEALTH PHYSICS PERSONNEL	4.271	0.000	1.214	2.411	0.000	0.474
SUPERVISORY PERSONNEL	0.739	0.000	0.000	0.082	0.000	0.000
ENGINEERING PERSONNEL	0.050	0.000	0.000	0.012	0.000	0.000
<b>REFUELING</b>						
MAINTENANCE PERSONNEL	2.058	1.126	34.206	0.571	0.224	10.455
OPERATING PERSONNEL	4.577	1.000	7.000	1.134	0.215	1.195
HEALTH PHYSICS PERSONNEL	1.893	3.708	10.153	1.282	0.836	2.230
SUPERVISORY PERSONNEL	9.598	0.000	2.947	2.715	0.000	0.500
ENGINEERING PERSONNEL	12.615	6.000	7.243	3.509	1.214	3.425
<b>TOTALS</b>						
MAINTENANCE PERSONNEL	69	26	229	21.557	6.099	82.313
OPERATING PERSONNEL	54	3	8	14.828	0.495	1.326
HEALTH PHYSICS PERSONNEL	30	15	42	14.557	4.767	11.469
SUPERVISORY PERSONNEL	21	1	10	5.743	0.252	1.891
ENGINEERING PERSONNEL	32	8	24	7.682	1.508	6.876
<b>GRAND TOTALS</b>	<b>206</b>	<b>53</b>	<b>313</b>	<b>64.367</b>	<b>13.121</b>	<b>103.875</b>

\* The man-rem totals include dose only from individuals receiving more than 100 mrem throughout the year at RBS.