



Tennessee Valley Authority, Post Office Box 2000, Decatur, Alabama 35609-2000

June 7, 2001

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

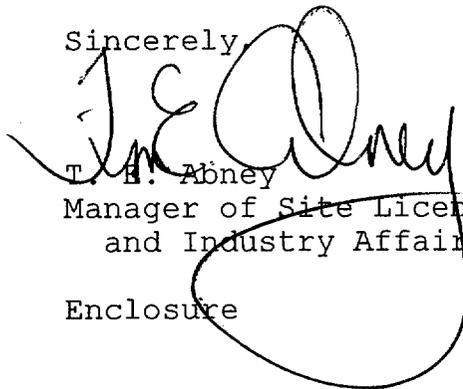
Gentlemen:

In the Matter of	)	Docket Nos. 50-259
Tennessee Valley Authority	)	50-260
		50-296

**BROWNS FERRY NUCLEAR PLANT (BFN) - UNITS 1, 2, AND 3 - UPDATE  
TO THE ANNUAL OCCUPATIONAL RADIATION EXPOSURE REPORT (AORER)  
- JANUARY THROUGH DECEMBER 2000**

The original AORER for BFN Units 1, 2, and 3 dated April 23, 2001, contained an enclosure that was improperly formatted. Replace the enclosure in the April 23 letter with the enclosure in this letter. In accordance with NRC RIS 2001-05, only one paper copy of this document is being sent to the NRC Document Control Desk. If you have any questions, please contact me at (256) 729-2636.

Sincerely,



T. E. Abney  
Manager of Site Licensing  
and Industry Affairs

Enclosure

IE56

U.S. Nuclear Regulatory Commission  
Page 2  
June 7, 2001

cc (Enclosure):

Mr. Ronald Sanacore  
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(Via NRC Electronic Distribution)

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NRC Resident Inspector  
Browns Ferry Nuclear Plant  
10833 Shaw Road  
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U.S. Nuclear Regulatory Commission  
Attn: REIRS Project Manager  
Office of Nuclear Regulatory Research  
Washington, D.C. 20555-0001

ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
BROWNS FERRY NUCLEAR PLANT  
UNITS 1, 2, AND 3

ANNUAL OCCUPATIONAL RADIATION EXPOSURE REPORT (AORER)  
JANUARY THROUGH DECEMBER 2000  
UPDATED

See Attached:

<b>TENNESSEE VALLEY AUTHORITY</b>						
<b>BFN RADIATION EXPOSURE SYSTEM</b>						
<b>NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION</b>						
<b>TOTAL NUMBER OF INDIVIDUALS</b>						
<b>Number of Personnel</b>						
<b>&gt; 100 mrem</b>						
<b>Total man-rem*</b>						
<b>Work and Job Function</b>	<b>Station</b>	<b>Utility</b>	<b>Contractor</b>	<b>Station</b>	<b>Utility</b>	<b>Contractor</b>
<b>ROUTINE OPERATIONS AND SURVEILLANCE</b>						
MAINTENANCE PERSONNEL	62.179	11.305	59.302	21.603	2.392	21.759
OPERATIONS PERSONNEL	63.772	0.561	1.042	21.339	0.193	0.319
HEALTH PHYSICS PERSONNEL	21.097	2.719	2.61	10.731	1.006	0.526
SUPERVISORY PERSONNEL	11.548	0.304	2.028	2.884	0.35	0.544
ENGINEERING PERSONNEL	11.776	0.988	2.022	3.052	0.102	0.399
<b>ROUTINE PLANT MAINTENANCE</b>						
MAINTENANCE PERSONNEL	54.492	11.511	308.169	18.464	2.172	116.279
OPERATIONS PERSONNEL	31.081	1.218	8.25	12.287	0.268	8.091
HEALTH PHYSICS PERSONNEL	10.979	1.86	14.678	5.92	0.813	7.896
SUPERVISORY PERSONNEL	7.516	0.192	2.799	2.735	0.221	1.045
ENGINEERING PERSONNEL	10.693	3.358	11.091	2.796	0.455	2.475
<b>INSERVICE INSPECTION</b>						
MAINTENANCE PERSONNEL	0	0.074	2.588	0	0.01	0.895
OPERATIONS PERSONNEL	0	0	0	0	0	0
HEALTH PHYSICS PERSONNEL	0.002	0	0.02	0.001	0	0.005
SUPERVISORY PERSONNEL	0	0	0	0	0	0
ENGINEERING PERSONNEL	0.021	0.639	0.121	0.005	0.07	0.017
<b>SPECIAL PLANT MAINTENANCE</b>						
MAINTENANCE PERSONNEL	7.369	0.292	34.244	3.463	0.114	16.557
OPERATIONS PERSONNEL	2.229	0	0.246	1.355	0	0.401
HEALTH PHYSICS PERSONNEL	1.067	0.229	0.074	0.709	0.155	0.126
SUPERVISORY PERSONNEL	0	0.317	1.173	0	0.364	0.49
ENGINEERING PERSONNEL	0.536	0	0.353	0.118	0	0.173

Date: April 9, 2001

TENNESSEE VALLEY AUTHORITY  
BFN RADIATION EXPOSURE SYSTEM

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION  
TOTAL NUMBER OF INDIVIDUALS

Work and Job Function	Number of Personnel > 100 mrem			Total man-rem*		
	Station	Utility	Contractor	Station	Utility	Contractor
<b>WASTE PROCESSING</b>						
MAINTENANCE PERSONNEL	0.638	0	11.53	0.155	0	4.842
OPERATIONS PERSONNEL	8.455	0	0.883	3.992	0	0.361
HEALTH PHYSICS PERSONNEL	2.112	0	0.658	1.104	0	0.143
SUPERVISORY PERSONNEL	2.398	0	0	1.063	0	0
ENGINEERING PERSONNEL	0.08	0	0.004	0.013	0	0.001
<b>REFUELING</b>						
MAINTENANCE PERSONNEL	1.669	0	31.073	0.4	0	8.708
OPERATIONS PERSONNEL	1.668	0.221	0	0.747	0.087	0
HEALTH PHYSICS PERSONNEL	0.514	0.316	1.885	0.404	0.239	0.284
SUPERVISORY PERSONNEL	0.442	0.187	0	0.154	0.215	0
ENGINEERING PERSONNEL	0.115	0.015	0.409	0.037	0.002	0.108
<b>Totals</b>						
MAINTENANCE PERSONNEL	126.347	23.182	446.907	44.085	4.688	169.04
OPERATIONS PERSONNEL	107.205	2	10.422	39.72	0.548	9.172
HEALTH PHYSICS PERSONNEL	35.771	5.124	19.924	18.869	2.213	8.98
SUPERVISORY PERSONNEL	21.904	1	6	6.836	1.15	2.079
ENGINEERING PERSONNEL	23.222	5	14	6.021	0.629	3.173
<b>Grand Totals</b>	<b>314.449</b>	<b>36.307</b>	<b>497.253</b>	<b>115.531</b>	<b>9.228</b>	<b>192.444</b>

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