



ENTERGY

Entergy Operations, Inc.

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February 24, 1995

OCAN029507

U. S. Nuclear Regulatory Commission
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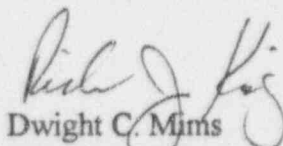
Subject: Arkansas Nuclear One - Units 1 and 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
1994 Occupational Exposure Data Report

Gentlemen:

In accordance with Arkansas Nuclear One (ANO) technical specifications 6.12.2.2 and 6.9.1.5.a for ANO-1 and ANO-2, respectively, the Annual Occupational Exposure Data Report is provided in the attached Personnel Exposure and Monitoring Report for 1994. This also includes a description of special maintenance resulting in notable personnel exposure per Regulatory Guide 1.16.

Should you have any questions, please contact me.

Very truly yours,

for 
Dwight C. Mims
Director, Licensing

DCM/nbm
Attachments

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cc: Mr. Leonard J. Callan
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NRC Senior Resident Inspector
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Personnel Exposure and Monitoring Report, 1994
Annual Operating Report Reg. Guide 1.16

WORK & JOB FUNCTION	Number of Personnel (>100 mrem)			Station	Total Man-Rem	
	Station	Utility	Contract		Utility	Contract
	Employees	Employees	Employees		Employees	
=====						
REACTOR OPERATIONS						
Maintenance Personnel	37	0	130	7.316	0.000	22.954
Operations Personnel	16	0	0	2.747	0.000	0.000
Health Physics Personnel	37	2	50	10.188	0.320	9.746
Supervisory Personnel	1	0	1	0.130	0.000	0.165
Engineering Personnel	3	0	7	0.329	0.000	0.987
ROUTINE MAINTENANCE						
Maintenance Personnel	2	0	0	0.215	0.000	0.000
Operations Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
INSERVICE INSPECTION						
Maintenance Personnel	14	0	57	4.509	0.000	21.197
Operations Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	4	0	11	0.650	0.000	1.925
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	16	0.000	0.000	6.620
SPECIAL MAINTENANCE						
Maintenance Personnel	19	0	18	3.211	0.000	2.758
Operations Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	7	0	13	1.206	0.000	2.936
Supervisory Personnel	0	0	1	0.000	0.000	0.150
Engineering Personnel	0	1	0	0.000	0.125	0.000
WASTE PROCESSING						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operations Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	4	0	2	0.690	0.000	0.667
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
REFUELING						
Maintenance Personnel	1	0	43	0.137	0.000	12.055
Operations Personnel	4	0	0	0.709	0.000	0.000
Health Physics Personnel	5	0	2	1.044	0.000	0.272
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	8	0.000	0.000	1.302
TOTALS						
Maintenance Personnel	73	0	248	15.388	0.000	58.964
Operations Personnel	20	0	0	3.456	0.000	0.000
Health Physics Personnel	57	2	78	13.778	0.320	15.546
Supervisory Personnel	1	0	2	0.130	0.000	0.315
Engineering Personnel	3	1	31	0.329	0.125	8.909
GRAND TOTAL	154	3	359	33.081	0.445	83.734

An individual and his exposure are included in only those categories in which he received more than 100 millirem. The total actual collective dose for personnel working at Arkansas Nuclear One during 1994 was 170.966.

PERSONNEL EXPOSURE AND MONITORING REPORT, 1994
(Annual Operating Report Reg. Guide 1.16)

Unit 1 special maintenance resulting in significant personnel exposure included upgrade and repair of a Duratek water purification skid, replacement of cooling coils for the engineered safeguards actuation system rooms, clean out of a radwaste tank and auxiliary building sump, and a power entry to add oil to a reactor coolant pump.

Unit 2 special maintenance resulting in significant personnel exposure included source reduction activities, correction of isometric drawing discrepancies, and modifications to the reactor building sump.