

February 27, 1996

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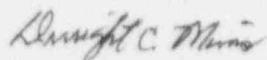
U. S. Nuclear Regulatory Commission
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Subject: Arkansas Nuclear One - Units 1 and 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
1995 Occupational Exposure Data Report

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 1995. This also includes a description of special maintenance resulting in notable personnel exposures per Regulatory Guide 1.16. Should you have any questions, please contact me.

Very truly yours,



Dwight C. Mims
Director, Nuclear Safety

DCM/nbm
Attachment

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Personnel Exposure and Monitoring Report, 1995
Annual Operating Report Reg. Guide 1.16

WORK & JOB FUNCTION	Number of Personnel (>100 mrem)			Total Man-Rem		
	Station	Utility	Contract	Station	Utility	Contract
	Employees			Employees		
=====						
REACTOR OPERATIONS						
Maintenance Personnel	1	1	32	0.220	0.375	14.677
Operations Personnel	1	1	0	0.101	0.170	0.000
Health Physics Personnel	30	1	11	6.864	0.169	2.162
Supervisory Personnel	0	0	1	0.000	0.000	0.129
Engineering Personnel	1	0	0	0.240	0.000	0.000
ROUTINE MAINTENANCE						
Maintenance Personnel	0	0	5	0.000	0.000	0.694
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	0	0	38	0.000	0.000	13.785
Operations Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	3	0	0	0.614	0.000	0.000
Supervisory Personnel	0	0	1	0.000	0.000	0.579
Engineering Personnel	2	0	9	0.300	0.000	1.921
SPECIAL MAINTENANCE						
Maintenance Personnel	75	2	219	15.015	0.284	49.128
Operations Personnel	11	2	1	1.397	0.270	0.174
Health Physics Personnel	36	1	66	7.485	0.234	12.649
Supervisory Personnel	3	0	0	0.511	0.000	0.000
Engineering Personnel	7	0	2	1.448	0.000	0.664
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	3	0	1	0.570	0.000	0.457
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	1	0	1	0.117	0.000	0.458
REFUELING						
Maintenance Personnel	87	9	215	21.922	1.219	77.432
Operations Personnel	23	0	0	4.611	0.000	0.000
Health Physics Personnel	46	0	35	13.462	0.000	8.145
Supervisory Personnel	5	1	4	1.976	0.153	3.138
Engineering Personnel	18	1	21	3.351	0.160	15.162
TOTALS						
Maintenance Personnel	163	12	509	37.157	1.878	155.716
Operations Personnel	35	3	1	6.109	0.440	0.174
Health Physics Personnel	118	2	113	28.995	0.403	23.413
Supervisory Personnel	8	1	6	2.487	0.153	3.846
Engineering Personnel	29	1	33	5.456	0.160	18.205
GRAND TOTAL	353	19	662	80.204	3.034	201.354

PERSONNEL EXPOSURE AND MONITORING REPORT, 1995
(Annual Operating Report Reg. Guide 1.16)

Individual doses are included only in those categories in which the dose was received. The total actual collective dose for personnel working at ANO during 1995 was 387.578 rem.

Unit 1 special maintenance resulting in significant personnel dose included the following:

- 'B' reactor coolant pump motor replacement
- Service water piping replacement
- Primary side drain line replacement
- Scaffolding and insulation activities associated with outage activities
- Replacement of reactor building ventilation supply fan at power

Unit 2 special maintenance resulting in significant personnel dose included the following:

- Support activities associated with a mid-cycle steam generator outage
- Steam generator platform modifications during a mid-cycle steam generator outage
- Reactor coolant pump seal replacement during a mid-cycle steam generator outage