



Entergy

Entergy Operations, Inc.
1448 S.R. 333
Russellville, AR 72802
Tel: 501 858 5000

February 28, 2001

0CAN020105

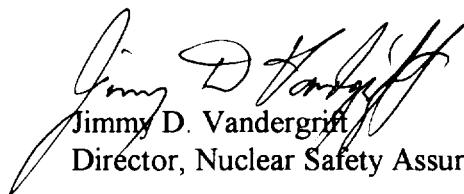
U. S. Nuclear Regulatory Commission
Document Control Desk
Mail Station OP1-17
Washington, DC 20555

Subject: Arkansas Nuclear One - Units 1 and 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
2000 Annual Occupational Exposure Data Report

Gentlemen:

In accordance with Arkansas Nuclear One (ANO) Technical Specification 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 Monitoring Report for 2000. This also included a description of special maintenance resulting in notable personnel exposures per Regulatory Guide 1.16. This submittal contains no commitments. Should you have any questions, please contact me.

Very truly yours,



Jimmy D. Vandergrift
Director, Nuclear Safety Assurance

JDV/nbm
Attachments

IE 56

cc: Mr. Ellis W. Merschoff
Regional Administrator
U. S. Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

NRC Senior Resident Inspector
Arkansas Nuclear One
P.O. Box 310
London, AR 72847

Mr. William Reckley
NRR Project Manager Region IV/ANO-1
U. S. Nuclear Regulatory Commission
NRR Mail Stop O-7 D1
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

Mr. Thomas W. Alexion
NRR Project Manager Region IV/ANO-2
U. S. Nuclear Regulatory Commission
NRR Mail Stop 04-D-03
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

Arkansas Nuclear One
Personnel Exposure and Monitoring Report, 2000
(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 2000 was 222.066 rem.

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

- Repairs to radwaste valve (CZ-14)

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

- Pressurizer heater repairs
- Steam generator removal/replacement
- Hot leg temperature element repairs
- Letdown system repairs (2CV4810/2CV4811)

Personnel Exposure and Monitoring Report, 2000
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		Employees	Employees	
=====						
REACTOR OPERATIONS						
Maintenance Personnel	7	0	6	1.081	0.000	1.315
Operations Personnel	27	0	0	5.269	0.000	0.000
Health Physics Personnel	32	0	22	8.812	0.000	4.380
Supervisory Personnel	1	0	0	0.201	0.000	0.000
Engineering Personnel	4	0	0	0.823	0.000	0.000
ROUTINE MAINTENANCE						
Maintenance Personnel	61	0	192	13.087	0.000	38.371
Operations Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	3	0	36	0.511	0.000	8.011
Supervisory Personnel	1	0	1	0.101	0.000	0.143
Engineering Personnel	3	0	2	0.580	0.000	0.650
INSERVICE INSPECTION						
Maintenance Personnel	2	0	42	0.223	0.000	9.227
Operations Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	1	0	1	0.115	0.000	0.104
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	3	0	1	0.372	0.000	0.323
SPECIAL MAINTENANCE						
Maintenance Personnel	24	0	158	7.858	0.000	35.189
Operations Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	7	0	3	1.269	0.000	0.415
Supervisory Personnel	0	0	1	0.000	0.000	0.232
Engineering Personnel	1	0	3	0.137	0.000	0.588
WASTE PROCESSING						
Maintenance Personnel	0	0	5	0.000	0.000	0.611
Operations Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	3	0	0	0.391	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
REFUELING						
Maintenance Personnel	10	0	0	2.059	0.000	0.000
Operations Personnel	14	0	0	2.817	0.000	0.000
Health Physics Personnel	2	0	1	0.479	0.000	0.133
Supervisory Personnel	6	0	0	1.349	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
TOTALS						
Maintenance Personnel	104	0	403	24.308	0.000	84.713
Operations Personnel	41	0	0	8.086	0.000	0.000
Health Physics Personnel	48	0	63	11.577	0.000	13.043
Supervisory Personnel	8	0	2	1.651	0.000	0.375
Engineering Personnel	11	0	6	1.912	0.000	1.561
GRAND TOTAL	212	0	474	47.534	0.000	99.692