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Vice President, Operations-JAF

United States Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Stop O-P1-17  
Washington, DC 20555

SUBJECT: 2002 PERSONNEL RADIATION EXPOSURE SUMMARY REPORT, DPR-59,  
DOCKET 50-333

Attached is the 2002 Personnel Radiation Exposure Summary Report submitted in accordance with the James A. FitzPatrick Nuclear Power Plant operating license DPR-59 Appendix A, Section 6.9(A)2a. The summary is formatted in accordance with Regulatory Guide 1.16.

For calendar year 2002 the total collective station dose was 230.294 person-rem (TEDE). The enclosed summary accounts for 96% of 229.40 person-rem which is the dose that can be attributed to the listed job functions. The difference is due to occupational exposure received for work performed outside of the listed job functions.

If you have any questions concerning this report, please contact Marcia Anderson of the plant staff at 315-349-6724.

Very truly yours,



T.A. SULLIVAN

RB  
RLB/TAS/bld

Enclosure

xc: NRC Regional Administrator  
NRC Resident Inspector  
Kevin Pushee  
Licensing  
Mike Colomb  
RP File (3)

IE56

## NUMBER OF PERSONNEL AND PERSON-REM BY WORK AND JOB FUNCTION

Work and Job Function	All Personnel			Total Person-Rem		
	Station Employees	Utility Employees	Contractors and Others	Station Employees	Utility Employees	Contractors and Others
<b>Reactor Operation and Surveillance</b>						
- Maintenance	19	0	31	0.311	0.000	0.707
- Operations Personnel	21	0	1	0.189	0.000	0.000
- Health Physics	32	0	1	0.511	0.000	0.000
- Supervisory Personnel	19	0	12	0.101	0.000	0.181
- Engineering Personnel	4	1	11	0.024	0.000	0.049
<b>Routine Maintenance</b>						
- Maintenance	127	2	874	27.949	0.006	81.989
- Operations Personnel	141	0	34	19.326	0.000	0.724
- Health Physics	74	0	62	13.463	0.000	4.647
- Supervisory Personnel	119	13	142	2.565	0.002	3.890
- Engineering Personnel	100	15	99	3.015	0.053	3.721
<b>Inservice Inspection</b>						
- Maintenance	11	0	309	0.017	0.000	33.240
- Operations Personnel	25	0	1	2.036	0.000	0.201
- Health Physics	10	0	3	0.022	0.000	0.014
- Supervisory Personnel	10	1	15	0.211	0.000	0.376
- Engineering Personnel	7	3	2	0.015	0.020	0.334
<b>Special Maintenance</b>						
- Maintenance	4	0	0	0.000	0.000	0.000
- Operations Personnel	3	0	0	0.000	0.000	0.000
- Health Physics	19	0	0	0.001	0.000	0.000
- Supervisory Personnel	1	0	0	0.000	0.000	0.000
- Engineering Personnel	1	0	0	0.000	0.000	0.000
<b>Waste Processing</b>						
- Maintenance	0	0	0	0.000	0.000	0.000
- Operations Personnel	0	0	0	0.000	0.000	0.000
- Health Physics	13	0	0	0.323	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
<b>Refueling</b>						
- Maintenance	50	0	62	1.314	0.000	10.101
- Operations Personnel	27	0	6	0.887	0.000	0.705
- Health Physics	44	0	13	3.037	0.000	1.318
- Supervisory Personnel	18	0	11	0.116	0.000	0.624
- Engineering Personnel	9	1	16	0.022	0.026	1.720
<b>TOTALS</b>						
- Maintenance	211	2	1276	29.592	0.006	126.036
- Operations Personnel	217	0	42	22.438	0.000	1.630
- Health Physics	192	0	79	17.357	0.000	5.979
- Supervisory Personnel	167	14	180	2.994	0.002	5.071
- Engineering Personnel	121	20	128	3.075	0.099	5.824
<b>GRAND TOTALS</b>						
	908	36	1705	75.456	0.107	144.540