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*the southern electric system*

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50-364

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


Joseph M. Farley Nuclear Plant  
Tabulation of Personnel Radiation Exposure  
for 1994 by Work and Job Function

Gentlemen:

In accordance with Section 6.9.1.5 (a) of the Joseph M. Farley Nuclear Plant Units 1 and 2 Technical Specifications, a tabulation of personnel radiation exposures by work and job functions during 1994 is herewith submitted. The tabulation combines the data from both Farley units. The data provided represents actual dose.

If further clarification is necessary, please advise.

Respectfully submitted,

  
Dave Morey

DNM/WBH  
ENV-95-014  
Attachment

cc: U.S. Nuclear Regulatory Commission, Washington, D.C.  
B. L. Seigel

U.S. Nuclear Regulatory Commission, Region II  
S. D. Ebner, Regional Administrator  
T. M. Ross, Senior Resident Inspector

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# ATTACHMENT

## TABULATION OF PERSONNEL RADIATION EXPOSURE AT THE JOSEPH M. FARLEY NUCLEAR PLANT FOR 1994 BY WORK AND JOB FUNCTION

	Number of Personnel			Number of Man-Rem		
	Station	Utility	Contract	Station	Utility	Contract
Reactor Oper & Surveillance						
Maintenance Personnel	26	0	4	0.232	0.000	0.038
Operating Personnel	117	0	1	12.348	0.000	0.078
Health Physics Personnel	66	0	85	6.001	0.000	9.743
Supervisory Personnel	8	2	4	0.140	0.034	0.152
Engineering Personnel	13	3	7	0.238	0.038	0.182
Routine Maintenance						
Maintenance Personnel	183	0	43	6.675	0.000	0.994
Operating Personnel	19	0	0	0.582	0.000	0.000
Health Physics Personnel	70	0	73	6.188	0.000	1.913
Supervisory Personnel	2	0	0	0.051	0.000	0.000
Engineering Personnel	4	0	5	0.076	0.000	0.062
Inservice Inspection						
Maintenance Personnel	22	0	62	0.540	0.000	10.639
Operating Personnel	2	0	1	0.079	0.000	0.018
Health Physics Personnel	11	0	13	0.082	0.000	0.262
Supervisory Personnel	2	0	2	0.092	0.000	0.482
Engineering Personnel	13	3	43	0.831	0.066	7.173
Special Maintenance						
Maintenance Personnel	191	0	278	40.247	0.000	55.239
Operating Personnel	47	0	18	2.829	0.000	2.118
Health Physics Personnel	72	0	72	11.787	0.000	8.079
Supervisory Personnel	5	1	5	0.100	0.043	1.096
Engineering Personnel	19	0	133	1.299	0.000	48.685
Waste Processing						
Maintenance Personnel	41	0	1	0.641	0.000	0.021
Operating Personnel	32	0	2	0.688	0.000	0.007
Health Physics Personnel	62	0	35	6.859	0.000	1.697
Supervisory Personnel	1	0	0	0.009	0.000	0.000
Engineering Personnel	1	0	1	0.006	0.000	0.022
Refueling						
Maintenance Personnel	3	0	5	0.027	0.000	0.087
Operating Personnel	21	0	22	0.395	0.000	1.802
Health Physics Personnel	11	0	1	0.301	0.000	0.002
Supervisory Personnel	1	1	2	0.097	0.043	0.041
Engineering Personnel	4	3	1	0.066	0.056	0.010
Totals						
Maintenance Personnel	466	0	393	48.362	0.000	67.018
Operating Personnel	238	0	44	16.921	0.000	4.023
Health Physics Personnel	292	0	279	31.218	0.000	21.696
Supervisory Personnel	19	4	13	0.539	0.120	1.771
Engineering Personnel	54	9	190	2.516	0.160	56.134
Grand Total	1069	13	919	99.556	0.280	150.642

### NOTES

1. The total radiation exposure of the above personnel is 250.478 rem which constitutes 100% of site exposure for the year.
2. Individual workers may be included in more than one category based upon job function.
3. Workers involved with implementing design changes are included under Engineering Personnel.