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Southern Nuclear Operating Company

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*the southern electric system*

Docket Nos. 50-348  
50-364

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

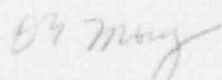
Joseph M. Farley Nuclear Plant  
Tabulation of Personnel Radiation Exposure  
for 1993 by Work and Job Function

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 1993 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/DMH/DAH:sls  
ENV-94-031  
Attachment

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

U. S. Nuclear Regulatory Commission, Region II  
S. D. Ebnetter, 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 1993 BY WORK AND JOB FUNCTION

	Number of Personnel			Number of Man-Rem		
	Station	Utility	Contract	Station	Utility	Contract
Reactor Oper & Surveillance						
Maintenance Personnel	20	1	12	0.175	0.001	0.029
Operating Personnel	124	0	2	12.505	0.000	0.005
Health Physics Personnel	64	0	85	4.911	0.000	3.508
Supervisory Personnel	6	2	7	0.111	0.030	0.107
Engineering Personnel	17	2	19	0.264	0.008	0.667
Routine Maintenance						
Maintenance Personnel	182	0	80	6.437	0.000	1.946
Operating Personnel	46	0	1	0.670	0.000	0.004
Health Physics Personnel	78	0	77	5.819	0.000	2.352
Supervisory Personnel	5	1	2	0.094	0.027	0.005
Engineering Personnel	5	2	1	0.098	0.012	0.001
Inservice Inspection						
Maintenance Personnel	4	0	123	0.025	0.000	32.818
Operating Personnel	5	0	0	0.052	0.000	0.000
Health Physics Personnel	13	0	28	0.194	0.000	1.237
Supervisory Personnel	2	1	6	0.220	0.020	0.296
Engineering Personnel	17	4	69	1.010	0.044	28.451
Special Maintenance						
Maintenance Personnel	185	0	444	43.153	0.000	92.086
Operating Personnel	81	0	8	5.199	0.000	0.854
Health Physics Personnel	79	0	99	15.956	0.000	16.660
Supervisory Personnel	9	2	13	0.207	0.043	2.374
Engineering Personnel	27	2	124	1.474	0.047	36.270
Waste Processing						
Maintenance Personnel	16	0	18	0.103	0.000	0.347
Operating Personnel	24	0	1	0.380	0.000	0.125
Health Physics Personnel	69	0	26	6.992	0.000	0.532
Supervisory Personnel	1	0	1	0.003	0.000	0.037
Engineering Personnel	0	0	0	0.000	0.000	0.000
Refueling						
Maintenance Personnel	37	0	4	1.583	0.000	0.115
Operating Personnel	39	0	32	0.574	0.000	2.872
Health Physics Personnel	12	0	19	0.358	0.000	0.610
Supervisory Personnel	4	0	0	0.139	0.000	0.000
Engineering Personnel	2	1	4	0.008	0.010	0.090
Totals						
Maintenance Personnel	444	1	681	51.476	0.001	127.341
Operating Personnel	319	0	44	19.380	0.000	3.860
Health Physics Personnel	315	0	334	34.230	0.000	24.899
Supervisory Personnel	27	6	29	0.774	0.120	2.819
Engineering Personnel	68	11	217	2.854	0.121	65.479
Grand Total	1173	18	1305	108.814	0.242	224.398

## NOTES

1. The total radiation exposure of the above personnel is 333.354 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.