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U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555 - 0001

Joseph M. Farley Nuclear Plant  
Tabulation of Personnel Radiation Exposure  
for 1999 by Work and Job Function

Ladies and 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 >100mrem/yr by work and job functions during 1999 is herewith submitted. The tabulation combines the data from both Farley units. The data provided represents the total 1999 site dose for these personnel and is not an estimate.

There are no new commitments in this submittal. If further clarification is necessary, please advise.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Dave Morey".

Dave Morey

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Attachment

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U.S. Nuclear Regulatory Commission

cc: Southern Nuclear Operating Company  
Mr. L. M. Stinson, General Manager - Farley

U. S. Nuclear Regulatory Commission, Washington, D.C.  
Mr. L. M. Padovan, NRR Project Manager

U. S. Nuclear Regulatory Commission, Region II  
Mr. L. A. Reyes, Regional Administrator  
Mr. T. P. Johnson, FNP Senior Resident Inspector

**ATTACHMENT**

**TABULATION OF PERSONNEL RADIATION EXPOSURE  
AT THE JOSEPH M. FARLEY NUCLEAR PLANT  
FOR 1999 BY WORK AND JOB FUNCTION**

	Number of Personnel > 100 mrem			Total Man-Rem*		
	Station	Utility	Contract	Station	Utility	Contract
<b>Reactor Operation &amp; Surveillance</b>						
Maintenance Personnel	0	0	1	0.019	0.000	1.185
Operating Personnel	34	0	0	8.706	0.008	0.047
Health Physics Personnel	22	0	29	5.109	0.001	8.487
Supervisory Personnel	0	0	1	0.328	0.154	0.487
Engineering Personnel	2	0	0	0.862	0.069	1.048
<b>Routine Maintenance</b>						
Maintenance Personnel	2	0	7	4.068	0.032	3.548
Operating Personnel	4	0	1	1.781	0.022	0.515
Health Physics Personnel	3	0	1	1.112	0.001	0.539
Supervisory Personnel	0	0	0	0.031	0.000	0.002
Engineering Personnel	0	0	0	0.022	0.001	0.072
<b>Inservice Inspection</b>						
Maintenance Personnel	0	0	4	0.000	0.000	2.123
Operating Personnel	0	0	0	0.152	0.000	0.033
Health Physics Personnel	1	0	12	0.434	0.000	2.071
Supervisory Personnel	0	0	0	0.001	0.062	0.000
Engineering Personnel	2	0	37	0.700	0.130	16.084
<b>Special Maintenance</b>						
Maintenance Personnel	89	2	148	31.597	0.304	57.338
Operating Personnel	24	0	4	7.857	0.000	1.407
Health Physics Personnel	13	0	17	3.843	0.000	4.430
Supervisory Personnel	1	0	0	0.276	0.173	0.036
Engineering Personnel	0	0	35	0.524	0.078	14.245
<b>Waste Processing</b>						
Maintenance Personnel	0	0	0	0.117	0.000	0.000
Operating Personnel	2	0	0	1.144	0.000	0.068
Health Physics Personnel	7	0	0	3.188	0.000	0.258
Supervisory Personnel	0	0	0	0.000	0.000	0.001
Engineering Personnel	0	0	0	0.000	0.000	0.000
<b>Refueling</b>						
Maintenance Personnel	0	0	0	0.000	0.000	0.066
Operating Personnel	1	0	5	0.917	0.000	1.613
Health Physics Personnel	0	0	0	0.004	0.000	0.394
Supervisory Personnel	0	0	0	0.025	0.000	0.000
Engineering Personnel	0	0	1	0.069	0.091	0.354
<b>Totals</b>						
Maintenance Personnel	91	2	160	35.801	0.336	64.260
Operating Personnel	65	0	10	20.557	0.030	3.683
Health Physics Personnel	46	0	59	13.690	0.002	16.179
Supervisory Personnel	1	0	1	0.661	0.389	0.526
Engineering Personnel	4	0	73	2.177	0.369	31.803
<b>Grand Total</b>	<b>207</b>	<b>2</b>	<b>303</b>	<b>72.886</b>	<b>1.126</b>	<b>116.451</b>

**NOTES**

- \*1. The total radiation exposure of the above personnel is 190.463 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. **Special Maintenance includes steam generator tube testing and repair or plugging, baffle former bolt testing and replacement, incore thimble replacement, pre-steam generator replacement walkdowns, other plant design modifications and various other maintenance activities not normally considered routine in nature.**