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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 2000 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 2000 is herewith submitted. The tabulation combines the data from both Farley units. The data provided represents the total 2000 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 "D Morey".

Dave Morey

RHM:maf tabsper1.doc  
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. F. Rinaldi, Licensing Project Manager - Farley

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

**ATTACHMENT**

# ATTACHMENT

## TABULATION OF PERSONNEL RADIATION EXPOSURE AT THE JOSEPH M. FARLEY NUCLEAR PLANT FOR 2000 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	1	0	6	0.291	0.000	1.772
Operating Personnel	32	0	0	9.570	0.000	0.018
Health Physics Personnel	19	2	27	4.777	0.340	8.010
Supervisory Personnel	0	0	1	0.408	0.090	0.378
Engineering Personnel	1	0	0	0.961	0.028	0.366
<b>Routine Maintenance</b>						
Maintenance Personnel	4	0	6	5.369	0.061	2.393
Operating Personnel	20	0	2	4.741	0.000	1.165
Health Physics Personnel	1	0	0	0.230	0.000	0.114
Supervisory Personnel	0	0	0	0.040	0.000	0.002
Engineering Personnel	0	0	0	0.013	0.000	0.019
<b>Inservice Inspection</b>						
Maintenance Personnel	0	0	6	0.002	0.000	1.949
Operating Personnel	2	0	0	0.344	0.000	0.000
Health Physics Personnel	0	0	0	0.050	0.001	0.005
Supervisory Personnel	0	0	0	0.000	0.101	0.000
Engineering Personnel	1	0	5	0.357	0.103	1.166
<b>Special Maintenance</b>						
Maintenance Personnel	96	0	641	33.195	0.234	231.338
Operating Personnel	16	0	2	4.575	0.000	0.619
Health Physics Personnel	14	0	39	3.180	0.030	13.511
Supervisory Personnel	1	0	15	0.530	0.345	7.132
Engineering Personnel	1	0	24	0.473	0.250	6.019
<b>Waste Processing</b>						
Maintenance Personnel	4	0	0	1.171	0.000	0.000
Operating Personnel	4	0	0	3.850	0.000	0.000
Health Physics Personnel	3	0	3	2.447	0.004	0.982
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 Personnel	0	0	0	0.018	0.000	0.042
Operating Personnel	0	0	14	0.758	0.000	3.067
Health Physics Personnel	0	0	1	0.057	0.091	0.316
Supervisory Personnel	0	0	0	0.012	0.000	0.002
Engineering Personnel	0	0	0	0.056	0.206	0.111
<b>Totals</b>						
Maintenance Personnel	105	0	659	40.046	0.295	237.494
Operating Personnel	74	0	18	23.838	0.000	4.869
Health Physics Personnel	37	2	70	10.741	0.466	22.938
Supervisory Personnel	1	0	16	0.990	0.536	7.514
Engineering Personnel	3	0	29	1.860	0.587	7.681
<b>Grand Total</b>	<b>220</b>	<b>2</b>	<b>792</b>	<b>77.475</b>	<b>1.884</b>	<b>280.496</b>

### NOTES

- \*1. The total radiation exposure of the above personnel is 359.855 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 replacement, other plant design modifications and various other maintenance activities not normally considered routine in nature.**