



February 28, 2005

L-2005-037
10 CFR 50.36

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
2004 Annual Operating Report

Pursuant to Technical Specification 6.9.1.4, this letter transmits the 2004 Annual Operating Report for St. Lucie Units 1 and 2. The report covers activities on a calendar year basis for both units.

Attachment 1 Man-Rem Report required by Technical Specification 6.9.1.5

Attachment 2 Primary Chemistry information required by Technical Specification 6.9.1.5

Please contact us should there be any questions regarding this information.

Very truly yours,

A handwritten signature in black ink, appearing to read 'WJ', with a long horizontal flourish extending to the right.

William Jefferson, Jr.
Vice President
St. Lucie Plant

WJ/spt

Attachments

A001

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TECHNICAL SPECIFICATION 6.9.1.5

ST. LUCIE UNITS 1 AND 2

2004 MAN-REM REPORT

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Standard Format for Reporting Number of Personnel & Man-Rem For Work and Job Functions
End of Year Report 2004

Work and Job Function	Number of Personnel > 100 mrem			Total man-rem*		
	Station	Utility	Contractor	Station	Utility	Contractor
ROUTINE OPERATIONS AND SURVEILLANCE						
MAINTENANCE AND CONSTRUCTION	10	2	5	3.395	0.706	3.445
OPERATIONS	41	2	0	8.322	0.620	0.839
HEALTH PHYSICS	17	8	51	5.287	1.789	14.325
SUPERVISORY	0	0	0	0.115	0.010	0.011
ENGINEERING	0	0	0	0.706	0.188	0.023
ROUTINE PLANT MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	46	8	147	14.708	2.362	48.949
OPERATIONS	0	2	0	0.776	0.277	0.021
HEALTH PHYSICS	15	0	0	3.046	0.114	0.843
SUPERVISORY	0	0	0	0.053	0.000	0.001
ENGINEERING	2	0	0	0.718	0.040	0.008
INSERVICE INSPECTION						
MAINTENANCE AND CONSTRUCTION	0	0	115	0.188	0.011	32.191
OPERATIONS	0	0	0	0.255	0.169	0.016
HEALTH PHYSICS	0	0	6	0.137	0.004	2.146
SUPERVISORY	0	0	0	0.003	0.002	0.018
ENGINEERING	1	1	0	0.388	0.148	0.007
SPECIAL PLANT MAINTENANCE (Shutdown Cooling/CCW, Hanger Modifications, Additional Spent Fuel Rack, RCP Oil Collection Modification, Prep for Rx Head, Pressurizer Replacement)						
MAINTENANCE AND CONSTRUCTION	0	0	22	0.027	0.018	8.437
OPERATIONS	0	0	0	0.001	0.014	0.006
HEALTH PHYSICS	0	0	0	0.027	0.000	0.138
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.010	0.015	0.007
WASTE PROCESSING						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.534	0.001	0.420
OPERATIONS	0	0	0	0.227	0.000	0.000
HEALTH PHYSICS	1	0	1	0.835	0.066	0.752
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.007	0.000	0.000
REFUELING						
MAINTENANCE AND CONSTRUCTION	3	2	33	1.166	0.579	17.566
OPERATIONS	2	1	0	1.051	0.409	0.000
HEALTH PHYSICS	0	0	0	0.056	0.022	0.353
SUPERVISORY	0	0	0	0.019	0.000	0.000
ENGINEERING	2	1	0	0.335	0.137	0.000
Totals						
MAINTENANCE AND CONSTRUCTION	59	12	322	19.996	3.677	111.008
OPERATIONS	43	5	0	10.632	1.489	0.882
HEALTH PHYSICS	33	8	58	9.388	1.995	18.557
SUPERVISORY	0	0	0	0.190	0.012	0.030
ENGINEERING	5	2	0	2.162	0.526	0.045
Grand Totals	140	27	380	42.368	7.699	130.522

* The total radiation exposure of the above personnel constitutes 100% of the site's exposure for the year.

TECHNICAL SPECIFICATION 6.9.1.5 AND 3.4.8

ST. LUCIE UNITS 1 AND 2

CHEMISTRY RESULTS

In accordance with Technical Specification 6.9.1.5, the primary coolant specific activity did not exceed the limits of Technical Specification 3.4.8 during 2004.