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Docket Nos.: 50-348  
50-364

NEL-00-0107

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

**Joseph M. Farley Nuclear Plant**  
**1999 Annual Environmental Operating Report (Nonradiological)**

Ladies and Gentlemen:

In accordance with subsection 5.4.1 of the Joseph M. Farley Nuclear Plant Environmental Protection Plan (Units 1 & 2), Appendix B to Facility Operating License Nos. NPF-2 and NPF-8, please find enclosed the Annual Environmental Operating Report for 1999.

If you have any questions, please advise.

Respectfully submitted,

  
Dave Morey

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Attachment:

1. Annual Environmental Operating Report for 1999

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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, 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

**SOUTHERN NUCLEAR OPERATING COMPANY**

**JOSEPH M. FARLEY NUCLEAR PLANT - UNITS 1 AND 2**

**NRC DOCKET NOS. 50-348 AND 50-364**

**FACILITY OPERATING LICENSE NOS. NPF-2 AND NPF-8**

**ANNUAL ENVIRONMENTAL OPERATING REPORT FOR 1999  
(NONRADIOLOGICAL)**

**JOSEPH M. FARLEY NUCLEAR PLANT - UNITS 1 AND 2  
ANNUAL ENVIRONMENTAL OPERATING REPORT FOR 1999  
(NONRADIOLOGICAL)**

**INTRODUCTION**

In accordance with Subsection 5.4.1 of the Joseph M. Farley Nuclear Plant Environmental Protection Plan, Appendix B to Facility Operating License Nos. NPF-2 and NPF-8, this report is submitted summarizing implementation of the Environmental Protection Plan for calendar year 1999.

**REPORTING REQUIREMENTS**

**A. Summaries and Analyses of Results of Environmental Protection Activities Required by Subsection 4.2 of the Environmental Protection Plan (EPP) for the Reporting Period**

1. Aerial Remote Sensing - Aerial Remote Sensing is no longer required.
2. Herbicide Application - There is no reporting requirement associated with this condition.
3. Land Management - There is no reporting requirement associated with this condition.

**B. Comparison of the 1999 Monitoring Activities with Preoperational Studies, Operational Controls, and Previous Non-Radiological Monitoring Reports**

These comparisons were not required because no nonradiological environmental monitoring programs were conducted during the reporting period beyond those performed in accordance with NPDES Permit No. AL0024619.

**C. Assessment of the Observed Impacts of Plant Operation on the Environment**

There were no significant adverse environmental impacts associated with plant operation during 1999.

**D. EPP Noncompliance and Corrective Actions**

There were no EPP noncompliances during 1999.

**E. Changes in Station Design or Operation, Tests, or Experiments Made in Accordance with EPP Section 3.1 Which Involved a Potentially Significant Unreviewed Environmental Question**

There were no changes in station design or operation, tests, or experiments in 1999 which involved a potentially significant unreviewed environmental question.

Activities associated with the replacement of the Unit 1 steam generators were conducted during 1999. The actual replacement began during the first quarter of 2000 and is currently in progress. Steam generator replacement activities were reviewed in accordance with Section 3.1 of the EPP. None of the activities involved a potentially significant unreviewed environmental question or resulted in significant adverse environmental impact. No change to the EPP was required.

**F. Nonroutine Reports Submitted in Accordance with EPP Section 5.4.2**

There were no nonroutine reports submitted in 1999.