

Charles R. Pierce
Regulatory Affairs Director

**Southern Nuclear
Operating Company, Inc.**
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, Alabama 35201
Tel 205.992.7872
Fax 205.992.7601



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

Edwin I. Hatch Nuclear Plant – Units 1 and 2
Joseph M. Farley Nuclear Plant – Units 1 and 2
Vogtle Electric Generating Plant – Units 1 and 2
Annual Non-Radiological Environmental Operating Reports for 2012

Ladies and Gentlemen:

In accordance with Subsection 5.4.1 of the referenced plants' Environmental Protection Plans (Appendix B to the Operating Licenses), Southern Nuclear Operating Company hereby submits the Annual Non-Radiological Environmental Operating Reports for 2012.

This letter contains no NRC commitments. If you have any questions, please contact Ken McElroy at (205) 992-7369.

Respectfully submitted,

A handwritten signature in cursive script that reads "C. R. Pierce".

C. R. Pierce
Regulatory Affairs Director

CRP/GAL/lac

Enclosures:

1. Hatch Annual Non-Radiological Environmental Operating Report for 2012
2. Farley Annual Non-Radiological Environmental Operating Report for 2012
3. Vogtle Annual Non-Radiological Environmental Operating Report for 2012

cc: Southern Nuclear Operating Company
Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Mr. T. A. Lynch, Vice President – Farley
Mr. D. R. Madison, Vice President – Hatch
Mr. T. E. Tynan, Vice President - Vogtle
Mr. B. L. Ivey, Vice President – Regulatory Affairs
Mr. B. J. Adams, Vice President – Fleet Operations
RTYPE: CFA04.054; CHA02.004; CVC7000

U. S. Nuclear Regulatory Commission
Mr. V. M. McCree, Regional Administrator
Mr. R. E. Martin, NRR Project Manager – Hatch, Vogtle
Mr. E. D. Morris, Senior Resident Inspector – Hatch
Mr. L. M. Cain, Senior Resident Inspector – Vogtle
Ms. E. A. Brown, NRR Project Manager – Farley
Mr. P. K. Niebaum, Senior Resident Inspector – Farley
Mr. J. R. Sowa, Senior Resident Inspector – Farley

State of Alabama
Mr. J. L. McNeese, Department of Public Health, Office of Radiation Control

State of Georgia
Mr. M. Williams, Department of Natural Resources

**Edwin I. Hatch Nuclear Plant – Units 1 and 2
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Annual Non-Radiological Environmental Operating Reports for 2012**

Enclosure 1

Hatch Annual Non-Radiological Environmental Operating Report for 2012

EDWIN I. HATCH NUCLEAR PLANT – UNITS 1 AND 2

I. Introduction

This report is submitted in accordance with Subsection 5.4.1 of the Edwin I. Hatch Nuclear Plant Environmental Protection Plan, Appendix B to Facility Operating Licenses DPR-57 and NPF-5. This report describes implementation of the Environmental Protection Plan for the calendar year 2012.

II. 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. Aquatic Monitoring - Liquid effluent monitoring was performed in accordance with the State of Georgia National Pollutant Discharge Elimination System (NPDES) Permit GA0004120; there was no additional requirement for aquatic monitoring during the year.
2. Terrestrial Monitoring - Terrestrial monitoring is not required.
3. Maintenance of Transmission Line Corridors – There is no reporting requirement associated with this condition.

B. Comparisons of the Year's Monitoring Activities with Preoperational Studies, Operational Controls, and Previous Non-radiological Environmental Monitoring Reports

These comparisons were not required because no non-radiological environmental monitoring programs were conducted during the reporting period beyond those performed in accordance with NPDES Permit No. GA0004120.

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

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

D. EPP Noncompliance and Corrective Actions

There were no EPP non-compliances during the year.

E. Changes in Station Design or Operation, Tests, or Experiments Made in Accordance with EPP Subsection 3.1 Which Involved a Potentially Significant Un-reviewed Environmental Question

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

F. Non-routine Reports Submitted in Accordance with EPP Section 5.4.2

There were no non-routine reports submitted during the year.

**Edwin I. Hatch Nuclear Plant – Units 1 and 2
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Enclosure 2

Farley Annual Non-Radiological Environmental Operating Report for 2012

JOSEPH M. FARLEY NUCLEAR PLANT - UNITS 1 AND 2

I. Introduction

This report is submitted in accordance with Subsection 5.4.1 of the Joseph M. Farley Nuclear Plant Environmental Protection Plan, Appendix B to the Facility Operating License Nos. NPF-2 and NPF-8, this report is submitted summarizing implementation of the Environmental Protection Plan for calendar year 2012.

II. 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 Year's Monitoring Activities with Preoperational Studies, Operational Controls, and Previous Non-Radiological Monitoring Reports

These comparisons were not required because no non-radiological 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 the year.

D. EPP Noncompliance and Corrective Actions

There were no EPP non-compliances during the year.

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

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

F. Non-routine Reports Submitted in Accordance with EPP Section 5.4.2

There were no non-routine reports submitted during the year.

**Edwin I. Hatch Nuclear Plant – Units 1 and 2
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Enclosure 3

Vogtle Annual Non-Radiological Environmental Operating Report for 2012

VOGTLE ELECTRIC GENERATING PLANT - UNITS 1 AND 2

I. Introduction

In accordance with Subsection 5.4.1 of the Vogtle Electric Generating Plant (VEGP) Environmental Protection Plan (Non-radiological), Appendix B to Facility Operating License Nos. NPF-68 and NPF-81, this report is submitted describing implementation of the Environmental Protection Plan for the calendar year 2012.

II. 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. Aquatic Monitoring - Liquid effluent monitoring was performed in accordance with State of Georgia National Pollutant Discharge Elimination System (NPDES) Permit GA0026786; there was no additional requirement for aquatic monitoring during the year.
2. Terrestrial Monitoring - Terrestrial monitoring is not required.
3. Maintenance of Transmission Line Corridors – There is no reporting requirement associated with this condition.
4. Noise Monitoring - There were no complaints reported regarding noise along the VEGP-related, high-voltage transmission lines.

B. Comparison of the Year's Monitoring Activities with Preoperational Studies, Operational Controls, and Previous Monitoring Reports

These programs were not required because no non-radiological environmental monitoring programs were conducted during the reporting period beyond those performed in accordance with NPDES Permit No. GA0026786 referenced in Section A above.

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

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

D. EPP Noncompliance and Corrective Actions

There were no EPP noncompliances during the year.

E. Changes in Station Design or Operation, Tests, or Experiments Made in Accordance with EPP Subsection 3.1 Which Involved a Potentially Significant Un-reviewed Environmental Question

There were no changes in station design or operation, tests, or experiments which involved a potentially significant, un-reviewed environmental question, including activities related to the proposed Vogtle Units 3 and 4.

F. Non-routine Reports Submitted in Accordance with EPP Section 5.4.2

There were no non-routine reports submitted during the year.