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Energy to Serve Your World

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NL-09-0378

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

Edwin I. Hatch Nuclear Plant
Joseph M. Farley Nuclear Plant
Vogtle Electric Generating Plant
Annual Non-Radiological Environmental Operating Report for 2008

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 2008.

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,

A handwritten signature in black ink, appearing to read "J. M. Godfrey".

J. M. Godfrey
Manager, Environmental Affairs

JMG/TWS/daj

Enclosures: 1. Hatch Annual Non-Radiological Environmental Operating Report for 2008
2. Farley Annual Non-Radiological Environmental Operating Report for 2008
3. Vogtle Annual Non-Radiological Environmental Operating Report for 2008

U. S. Nuclear Regulatory Commission

NL-09-0378

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cc: Southern Nuclear Operating Company
Mr. J. T. Gasser, Executive Vice President
Mr. J. R. Johnson, Vice President – Farley
Mr. D. R. Madison, Vice President – Hatch
Mr. T. E. Tynan, Vice President – Vogtle
Ms. P. M. Marino, Vice President – Engineering
RType: CFA04.054; CHA02.004; CVC7000

U. S. Nuclear Regulatory Commission
Mr. L. A. Reyes, Regional Administrator
Mr. R. E. Martin, NRR Project Manager – Farley
Mr. R. E. Martin, NRR Project Manager – Hatch
Mr. R. E. Martin, NRR Project Manager – Vogtle
Mr. E. L. Crowe, Senior Resident Inspector – Farley
Mr. J. A. Hickey, Senior Resident Inspector – Hatch
Mr. M. Cain, Senior Resident Inspector – Vogtle

State of Alabama
Mr. K. E. Whatley, Department of Public Health, Division of Radiation Control

State of Georgia
Mr. C. Clark, Department of Natural Resources

American Nuclear Insurers
Mr. R. A. Oliveira

**Edwin I. Hatch Nuclear Plant
Joseph M. Farley Nuclear Plant
Vogtle Electric Generating Plant
Annual Non-Radiological Environmental Operating Report for 2008**

Enclosure 1

Hatch Annual Non-Radiological Environmental Operating Report for 2008

Enclosure 1

Hatch Annual Non-Radiological Environmental Operating Report for 2008

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 2008.

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 Nonradiological Environmental 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. 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 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 Unreviewed Environmental Question**

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

Enclosure 1

Hatch Annual Non-Radiological Environmental Operating Report for 2008

F. Nonroutine Reports Submitted in Accordance with EPP Section 5.4.2

There were no nonroutine reports submitted during the year.

**Edwin I. Hatch Nuclear Plant
Joseph M. Farley Nuclear Plant
Vogtle Electric Generating Plant
Annual Non-Radiological Environmental Operating Report for 2008**

Enclosure 2

Farley Annual Non-Radiological Environmental Operating Report for 2008

Enclosure 2

Farley Annual Non-Radiological Environmental Operating Report for 2008

I. 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 2008.

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 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 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 Section 3.1 Which Involved a Potentially Significant Unreviewed Environmental Question**

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

Enclosure 2

Farley Annual Non-Radiological Environmental Operating Report for 2008

F. Nonroutine Reports Submitted in Accordance with EPP Section 5.4.2

There were no nonroutine reports submitted during the year.

**Edwin I. Hatch Nuclear Plant
Joseph M. Farley Nuclear Plant
Vogtle Electric Generating Plant
Annual Non-Radiological Environmental Operating Report for 2008**

Enclosure 3

Vogtle Annual Non-Radiological Environmental Operating Report for 2008

Enclosure 3

Vogtle Annual Non-Radiological Environmental Operating Report for 2008

I. Introduction

In accordance with Subsection 5.4.1 of the Vogtle Electric Generating Plant (VEGP) Environmental Protection Plan (Nonradiological), 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 2008.

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 nonradiological 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.

Enclosure 3

Vogtle Annual Non-Radiological Environmental Operating Report for 2008

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

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

F. Nonroutine Reports Submitted in Accordance with EPP Section 5.4.2

There were no nonroutine reports submitted during the year.