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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 Reports for 2006

Ladies and Gentlemen:

In accordance with Subsection 5.4.1 of the referenced plants' Environmental Protection Plan (Appendix B to the Operating Licenses), Southern Nuclear Operating Company hereby submits the Annual Non-Radiological Environmental Operating Reports for 2006.

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

Sincerely,

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

J. M. Godfrey
Manager, Environmental Affairs

JMG/TWS/daj

Enclosures: 1. Hatch Annual Non-Radiological Environmental Operating Report for 2006
2. Farley Annual Non-Radiological Environmental Operating Report for 2006
3. Vogtle Annual Non-Radiological Environmental Operating Report for 2006

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
Mr. D. H. Jones, Vice President – Engineering
RType: CFA04.054; CHA02.004; CVC7000; LC# 14567

U. S. Nuclear Regulatory Commission
Dr. W. D. Travers, Regional Administrator
Ms. K. R. Cotton, NRR Project Manager – Farley
Mr. R. E. Martin, NRR Project Manager – Hatch
Mr. B. K. Singal, NRR Project Manager – Vogtle
Mr. E. L. Crowe, Senior Resident Inspector – Farley
Mr. D. S. Simpkins, Senior Resident Inspector – Hatch
Mr. G. J. McCoy, Senior Resident Inspector – Vogtle

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

State of Georgia
Mr. J. L. Setser, Department of Natural Resources

Georgia Power Company
Mr. M. C. Nichols

American Nuclear Insurers
Mr. R. A. Oliveira

Enclosure 1
Edwin I. Hatch Nuclear Plant -- Units 1 and 2

Annual Non-Radiological Environmental Operating Report for 2006

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 2006.

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 2006.
2. Terrestrial Monitoring - Terrestrial monitoring is not required.
3. Maintenance of Transmission Line Corridors
 1. Herbicide treatment and danger tree cutting was performed on the Hatch-Offerman-Duval, Hatch-Bonaire and Hatch-Eastman corridors. The herbicide treatment consisted of a combination of EPA-registered and State-approved herbicides.
 2. Danger tree cutting was performed along the HNP-Thalman-Duval Hatch-North Tifton, HNP-Douglas, Hatch-Vidalia and HNP-Baxley corridors

B. **Comparisons of the 2006 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 2006.

D. **EPP Noncompliance and Corrective Actions**

There were no EPP noncompliances during 2006.

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 in 2006 which involved a potentially significant, unreviewed environmental question.

F. Nonroutine Reports Submitted in Accordance with EPP Section 5.4.2

There were no nonroutine reports submitted in 2006.

Enclosure 2
Joseph M. Farley Nuclear Plant – Units 1 and 2
Annual Non-Radiological Environmental Operating Report for 2006

JOSEPH M. FARLEY NUCLEAR PLANT - UNITS 1 AND 2

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 2006.

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 2006 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 2006.

D. **EPP Noncompliance and Corrective Actions**

There were no EPP noncompliances during 2006.

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 2006 which involved a potentially significant, unreviewed environmental question.

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

There were no nonroutine reports submitted in 2006.

Enclosure 3
Vogtle Electric Generating Plant – Units 1 and 2
Annual Non-Radiological Environmental Operating Report for 2006

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 (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 2006 .

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 2006.
2. Terrestrial Monitoring - Terrestrial monitoring is not required.
3. Maintenance of Transmission Line Corridors
 - a) Herbicide treatment and danger tree cutting was performed on the Vogtle-Thalmann, Vogtle-Wadley, Vogtle-SCE&G and Vogtle-Wilson corridors.
 - b) Danger trees were cut along the Vogtle-Scherer, and VEGP-Goshen, corridors as necessary.
 - c) All routine maintenance activities within the designated cultural properties located along the transmission line corridor were conducted in accordance with the Final Cultural Resources Management Plan. This plan was developed in conjunction with the Georgia Historic Preservation Officer.
4. Noise Monitoring - There were no complaints received by Southern Nuclear Operating Company during 2006 regarding noise along the VEGP-related, high-voltage transmission lines.

B. **Comparison of the 2006 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 2006.

D. EPP Noncompliance and Corrective Actions

There were no EPP noncompliances during 2006.

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 in 2006 which involved a potentially significant, unreviewed environmental question.

F. Nonroutine Reports Submitted in Accordance with EPP Section 5.4.2

There were no nonroutine reports submitted in 2006.