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A SOUTHERN COMPANY

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50-366 50-364 50-425

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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 & 2;
Joseph M. Farley Nuclear Plant Units 1 & 2;
Vogtle Electric Generating Plant Units 1 & 2
Annual Non-Radioactive Environmental Operating Reports for 2015

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 2015.

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

Respectfully submitted,

C. R. Pierce
Regulatory Affairs Director

CRP/RMJ

- Attachments:
1. Edwin I. Hatch Nuclear Plant Units 1 & 2 Annual Non-Radiological Environmental Operating Report for 2015
 2. Joseph M. Farley Nuclear Plant Units 1 & 2 Annual Non-Radiological Environmental Operating Report for 2015
 3. Vogtle Electric Generating Plant Units 1 & 2 Annual Non-Radiological Environmental Operating Report for 2015

cc: Southern Nuclear Operating Company
Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Ms. C. A. Gayheart, Vice President - Farley
Mr. D. R. Vineyard, Vice President – Hatch
Mr. D. R. Madison, Vice President – Fleet Operations
Mr. B. K. Taber, Vice President – Vogtle 1 & 2
Mr. M. D. Meier, Vice President – Regulatory Affairs
Mr. B. J. Adams, Vice President – Engineering
Ms. B. L. Taylor, Regulatory Affairs Manager – Farley
Mr. G. L. Johnson, Regulatory Affairs Manager – Hatch
Mr. G. W. Gunn, Regulatory Affairs Manager – Vogtle 1 & 2
RType: Farley=CFA04.054; Hatch=CHA02.004; Vogtle=CVC7000

U. S. Nuclear Regulatory Commission
Ms. C. Haney, Regional Administrator
Mr. S. A. Williams, NRR Project Manager – Farley
Mr. D. H. Hardage, Senior Resident Inspector – Hatch
Mr. W. D. Deschaine, Senior Resident Inspector – Vogtle 1 & 2
Mr. P. K. Niebaum, Senior Resident Inspector - Farley
Mr. R. E. Martin, NRR Project Manager – Vogtle 1 & 2
Mr. M. D. Orenak, NRR Project Manager – Hatch

Alabama Department of Public Health
Dr. T. M. Miller, State Health Officer

State of Georgia
Mr. J. H. Turner, Director – Environmental Protection Division

Edwin I. Hatch Nuclear Plant Units 1 & 2;
Joseph M. Farley Nuclear Plant Units 1 & 2;
Vogtle Electric Generating Plant Units 1 & 2
Annual Non-Radioactive Environmental Operating Reports for 2015

Attachment 1

Edwin I. Hatch Nuclear Plant Units 1 & 2
Annual Non-Radiological Environmental Operating Report for 2015

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 2015.

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.

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 Units 1 & 2;
Joseph M. Farley Nuclear Plant Units 1 & 2;
Vogtle Electric Generating Plant Units 1 & 2
Annual Non-Radioactive Environmental Operating Reports for 2015

Attachment 2

Joseph M. Farley Nuclear Plant Units 1 & 2
Annual Non-Radiological Environmental Operating Report for 2015

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 2015.

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.

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 Units 1 & 2;
Joseph M. Farley Nuclear Plant Units 1 & 2;
Vogtle Electric Generating Plant Units 1 & 2
Annual Non-Radioactive Environmental Operating Reports for 2015

Attachment 3

Vogtle Electric Generating Plant Units 1 & 2
Annual Non-Radiological Environmental Operating Report for 2015

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 2015.

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.

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.

F. Nonroutine Reports Submitted in Accordance with EPP Section 5.4.2

There were no nonroutine reports submitted during the year.