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**Docket Nos. 50-321
50-366**

HL-5929

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

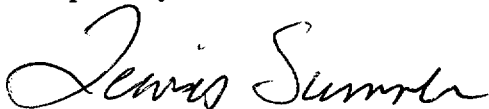
**Edwin I. Hatch Nuclear Plant
Annual Environmental Operating Report**

Ladies and Gentlemen:

In accordance with the Edwin I. Hatch Nuclear Plant Units 1 and 2 Environmental Protection Plan, Appendix B to Facility Operating Licenses DPR-57 and NPF-5, Subsection 5.4.1, Southern Nuclear Operating Company is submitting the enclosed Annual Environmental Operating Report for 1999.

If you have any questions in this regard, please contact this office.

Respectfully submitted,


H. L. Sumner, Jr.

HLS/ABG:ahl/eb

ENV-00-101

Enclosure: Annual Environmental Operating Report for 1999

**cc: Southern Nuclear Operating Company
Mr. P. H. Wells, Nuclear Plant General Manager
SNC Document Management (R-Type A02.001)**

**U.S. Nuclear Regulatory Commission, Washington, D.C.
Mr. L. N. Olshan, Project Manager - Hatch**

**U.S. Nuclear Regulatory Commission, Region II
Mr. L. A. Reyes, Regional Administrator
Mr. J. T. Munday, Senior Resident Inspector - Hatch**

JE2511

Enclosure

**EDWIN I. HATCH NUCLEAR PLANT - UNITS 1 AND 2
ANNUAL ENVIRONMENTAL OPERATING REPORT
(NONRADIOLOGICAL)
1999**

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 License DPR-57 and NPF-5. This report is submitted describing implementation of the Environmental Protection Plan for the calendar year 1999.

Reporting Requirements

A. Summaries and Analyses of Results of Environmental Monitoring Activities for the Reporting Period in Accordance with Environmental Protection Plan (EPP) Subsection 4.2

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 1999.
2. Terrestrial Monitoring - Terrestrial monitoring is not required.
3. Maintenance of Transmission Line Corridors
 - a. A State-approved herbicide was applied to the wetland areas on the OPC-Bonaire corridor. Equipment with low-pressure tires was used in accordance with Transmission Bulletin T-34.
 - b. The OPC-North Tifton, OPC-Bonaire, and OPC-Eastman corridors were mowed during 1999. No mowing activities took place in wetland areas.
 - c. No routine tree trimming activities were conducted in 1999. Several danger trees along the HNP-Offerman and HNP-Vidalia corridors were removed due to storm damage.

B. Comparisons of the 1999 Monitoring Activities with Preoperational Studies, Operational Controls, and Previous Nonradiological Environmental 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. GA0004120.

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

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

D. EPP Noncompliance and Corrective Actions

No EPP noncompliances occurred during 1999.

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

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

F. Nonroutine Reports Submitted in Accordance with EPP Section 5.4.2

No nonroutine reports were submitted in 1999.