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March 30, 1995

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Attention: Document Control Desk

Subject: Grand Gulf Nuclear Station  
Docket No. 50-416  
License No. NPF-29  
1994 Grand Gulf Nuclear Station (GGNS) Annual  
Environmental Operating Report (AEOR)

GNRO-95/00038

Gentlemen:

Attached is the Grand Gulf Nuclear Station (GGNS) Annual Environmental Operating Report (AEOR) for the period January 1, 1994 through December 31, 1994. This report is submitted in accordance with the Environmental Protection Plan, Appendix B to the GGNS Operating License (NPF-29), Section 5.4, "Station Reporting Requirements.

If you have any questions or require additional information concerning this report, please contact Michael J. Larson at (601) 437-6685, or this office.

Yours truly,

CRH/MJL/ams

attachment: 1994 Annual Environmental Operating Report

cc: (See Next Page)

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March 30, 1995

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ENTERGY OPERATIONS, INC.

GRAND GULF NUCLEAR  
STATION

1994  
ANNUAL  
ENVIRONMENTAL  
OPERATING REPORT

## PREFACE

The Annual Environmental Operating Report (AEOR) provides information and data obtained from implementation of Grand Gulf Nuclear Station's (GGNS) Environmental Protection Plan (EPP), Appendix B to the GGNS Operating License (NPF-29), which only requires terrestrial issues to be addressed, for the period January 1 through December 31, 1994.

The GGNS Final Environment Statement did not identify any aquatic issues. Consequently, the EPP does not address any. The GGNS National Pollutant Discharge Elimination System (NPDES) Permit issued by the Mississippi Department of Environmental Quality (MDEQ) contains effluent limitations and monitoring requirements for aquatic matters. The MDEQ regulates matters involving water quality and aquatic biota.

This report addresses only those issues required by the EPP. In the past, the AEOR included activities associated with the GGNS Construction Permit, and an Updated Final Safety Analysis Report (UFSAR) requirement which involved reporting regional and perched groundwater levels and precipitation data in the AEOR. However, the Nuclear Regulatory Commission approved cancellation of Construction Permit CPPR-119 for Unit 2 on August 21, 1991 (GNRI-91/00176), and GGNS deleted the UFSAR AEOR reporting requirement in 1993 (GNRI-93/00025); therefore, GGNS terminated reporting activities associated with these items.

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## **1.0 INTRODUCTION**

### **1.1 Impact Assessment and Summary**

GGNS personnel monitored the environmental impact of plant operational activities between January 1 and December 31, 1994. The monitoring results contained in the following sections indicate no adverse impact on the environment due to operation of GGNS. In addition, GGNS personnel have not observed harmful effects or evidence of trends toward irreversible damage to the surrounding environment at GGNS.

## **2.0 ENVIRONMENTAL SURVEILLANCE ACTIVITIES**

### **2.1 Transmission Line Surveys**

GGNS discontinued this program in 1988.

### **2.2 Cooling Tower Drift Program**

GGNS discontinued this program in 1992.

### **2.3 Environmental Evaluations**

The EPP permits changes in GGNS design or operation and performance of tests or experiments that affect the environment, provided they do not involve a change in the EPP or an unreviewed environmental question. However, EPP requirements do not apply to changes, tests or experiments which do not affect the environment. Also, EPP requirements do not relieve GGNS of 10 CFR 50.59 requirements, "Changes, Tests and Experiments," which address the question of safety associated with proposed changes, tests and experiments.

The EPP excludes changes, tests or experiments from the evaluation:

- If all measurable environmental effects confined to onsite areas previously disturbed during site preparation and plant construction, or
- If required to achieve compliance with other federal, state or local requirements.

### **3.0 OBSERVATIONS AND DISCUSSIONS**

#### **3.1 Environmental Evaluations**

During 1994, GGNS activities did not require any environmental evaluations as outlined in the EPP.

### **4.0 ADMINISTRATIVE REQUIREMENTS**

#### **4.1 EPP Changes**

GGNS made no changes to the EPP in 1994.

#### **4.2 EPP Noncompliances**

GGNS activities contained no EPP noncompliances during 1994.

#### **4.3 Nonroutine Reports**

GGNS submitted no nonroutine reports in 1994.

#### **4.4 Potentially Significant Unreviewed Environmental Issues**

GGNS activities did not require any environmental evaluations as outlined in the EPP during 1994. Therefore, unreviewed environmental issues did not occur.