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April 26, 1990

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

Subject: Waterford Steam Electric Station - Unit Number 3
Docket Number 50-382
Operating License NPF-38
Annual Environmental Operating Report - 1989

Dear Gentlemen:

Attached is the 1989 Annual Environmental Operating Report for the subject facility. This report is submitted pursuant to Section 5.4.1 of the Environmental Protection Plan (Appendix B to the Operating License).

Should you have any questions regarding this report, please contact Roy Prados at (504) 595-2806.

Very truly yours,

R.F. Burski
RFB/RWP/dc
Attachment

cc: Messrs. F.J. Hebdon
D.L. Wigginton
R.D. Martin
E.L. Blake
W.M. Stevenson
NRC Resident Inspectors Office

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1989 ANNUAL ENVIRONMENTAL OPERATING REPORT

This report describes implementation of the Environmental Protection Plan (EPP) for the calendar year 1989, and provides the information required by the EPP.

A. Summaries and analyses of the results of the environmental protection activities required by EPP Subsection 4.2:

This section of the EPP provides protection of the two cultural resource areas on the Waterford 3 site. There were no activities which affected either the Plantation Overseer's House site or the Plantation Quarter's site, both eligible of the National Register of Historic Places, during this reporting period.

B. EPP noncompliances and the corrective actions taken to remedy them:

There were no noncompliances with the requirements of the EPP during this reporting period.

C. A discussion of 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, nor tests or experiments conducted reportable under this section during this reporting period.

D. Nonroutine reports submitted in accordance with Subsection 5.4.2:

One nonroutine report was submitted in accordance with Subsection 5.4.2 and is described as follows:

It was conservatively estimated that a maximum of 261 pounds of hydrazine, at a maximum concentration of 210 ppm, was discharged into the onsite drainage ditch between September 24-25, 1989.

Remedial actions included immediate damming of the ditch along with dilution and oxygenation activities. By October 2, 1989, the highest hydrazine concentration was less than 0.06 ppm.

The discharge was not in accordance with Waterford 3 administrative procedures. Implementing procedures were revised to reflect the specific requirements of the administrative procedures and Waterford 3 personnel, especially those involved with system operations and treatment of liquid effluents, were made aware of the incident. These actions should preclude recurrence of such an incident.

"Notification of Unauthorized Discharge" was sent to the Louisiana Department of Environmental Quality with copies to the EPA (Region VI), St. Charles Parish Local Emergency Planning Committee, Louisiana State Police - Hazardous Material Unit, and the NRC. A separate report (W3A89-0186, dated October 2, 1989) of the event was submitted to the NRC pursuant to Section 5.4.2 of the Environmental Protection Plan (non-radiological).