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April 28, 2000

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

LaSalle County Station, Units 1 and 2
Facility Operating License Nos. NPF-11 and NPF-18
NRC Docket Nos. 50-373 and 50-374

Subject: Environmental Protection Plan Operating Report Appendix B to
Facility License No. NPF-11 and NPF-18

Attached is the Annual Environmental Operating Report for 1999 for the
Environmental Protection Plan (EPP) as required by Section 5.4 of Appendix
B to the Facility License No. NPF-11 and NPF-18.

This report includes information required by the following subsections of
Appendix B.

- 3.1 Plant Design and Operation
- 4.2.1 Vegetative Integrity on Cooling Pond Dike
- 5.4.1 EPP Noncompliances and the Corrective Actions to Remedy Them
- 5.4.2 Non-routine Reports

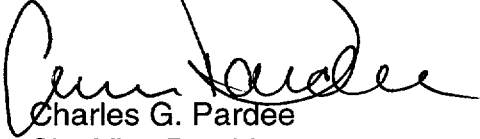
Eighteen copies of this report are being submitted in accordance with
Regulatory Guide 10.1.

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Should you have any questions concerning this letter, please contact
Mr. Frank A. Spangenberg, III, Regulatory Assurance Manager, at
(815) 357-6761, extension 2383.

Respectfully,



Charles G. Pardee
Site Vice President
LaSalle County Station

Attachment

cc: Regional Administrator - NRC Region III
NRC Senior Resident Inspector - LaSalle County Station

**Lasalle County Station
Environmental Protection Plan**

1999 Annual Environmental Operating Report

Introduction

Presented below is a summary of environmentally related activities at Lasalle County Station for the year 1999. The summary reveals no significant environmental impacts as a result of station operation.

Plant Design and Operation

No changes were made in station design or operation, nor any tests or experiments performed, which have been classified as an unreviewed environmental question per the Environmental Protection Plan, Subsection 3.1.

Vegetative Integrity on Cooling Pond Dike

The vegetative integrity on the cooling pond dike was inspected in accordance with Lasalle County Station Surveillances LTS-1000-5, 'Minor Dike Inspection' and LTS-1000-32, 'Major Dike Inspections'. Inspections during 1999 were completed on April 22, May 3, June 21, July 30, August 25, October 23, and October 28. The results of the inspections determined that the vegetative growth on the Lasalle Cooling Pond Dike was in good condition. Small trees and shrubs were found on the various exterior dike toe areas and on the interior dikes. However, this growth has not impacted the integrity of any of the dikes. A portion of this growth was removed in August 1999. The remainder will be trended during the year 2000 monthly dike inspections.

EPP Noncompliances and Corrective Actions Taken to Remedy Them

During 1999, Lasalle County Station experienced two NPDES noncompliances. The events were submitted to the Illinois Environmental Protection Agency (IEPA) in accordance with Standard Condition 12 of the station's NPDES Permit No. IL0048151. The following contains a description of the noncompliances and corrective actions taken:

EPP Noncompliance #1

During the month of February, 1999 the monthly average sewage treatment effluent BOD₅ was 37.0 mg/L. The NPDES permit monthly average limit for BOD₅ is 30 mg/L.

It is believed that unusually high amounts of rain on February 8, 1999, coupled with a hole in the Service Building Lift Station wall, resulted in an abnormal influx of rain water into the system, which overloaded the Sewage Treatment Plant. This volume of water pushed solids into the STP Polishing Ponds, resulting in the high BOD₅ results. There was no significant impact on the receiving waters in the Illinois River or the cooling lake due to this noncompliance.

Corrective Action Taken to Remedy:

- a) Increased STP sampling frequencies to monitor performance.
- b) Repaired the Service Building Lift Station wall.
- c) Cleaned the East and West Polishing Ponds.

EPP Noncompliance #2

On November 6, 1999, the Cooling Pond Makeup Line ruptured, resulting in an unpermitted discharge of cooling pond makeup water to the Illinois River, calculated to be approximately 3 million gallons.

Corrective Action Taken to Remedy:

- a) Isolated and drained the Cooling Pond Makeup and Blowdown lines.
- b) Sampled the discharged water and confirmed a pH of 8.11.
- c) Inspected and repaired the ruptured line.
- d) Returned the system to service on November 22, 1999 without incident.

Non Routine Reports

On November 2, 1999, during removal of outdoor underground storage tanks for the old filling station, a waste oil tank was found to have leaked. Notifications were made to the National Response Center (Incident No. 504538), IEMA (Incident No. 992477), and the Nuclear Regulatory Commission. Immediate actions were taken to ensure the safety of personnel and the environment. Sampling was performed, and free product was removed from the hole to the maximum extent practicable. Subsequent analysis identified the presence of chlorinated solvents and heavy metals. In accordance with IEPA Leaking Underground Storage Tank regulations, a 20 Day Certification, 45 Day Report, and Free Product Removal Report were submitted to the IEPA. Site characterization is currently in progress to determine any remediation actions. No radiological materials are involved.