

Southern Nuclear Operating Company
Post Office Box 1295
Birmingham, Alabama 35201
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Southern Nuclear Operating Company
the southern electric system

Dave Morey
Vice President
Farley Project

March 14, 1994

Docket Nos 50-348
50-364

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

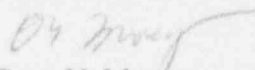
Joseph M. Farley Nuclear Plant
NPDES Permit Noncompliance

Gentlemen:

Enclosed in accordance with Section 3.2 of the Joseph M. Farley Nuclear Plant Environmental Protection Plan (Units 1 and 2), Appendix B to Facility Operating License Nos. NPF-2 and NPF-8, is a copy of a report submitted to the Alabama Department of Environmental Management concerning a noncompliance with National Pollutant Discharge Elimination System (NPDES) Permit Number AL0024619.

Should you have any questions, please advise.

Respectfully submitted,


Dave N. Morey

LPD:sls
ENV-94-092

Enclosure

cc: Southern Nuclear Operating Company
R. D. Hill, Plant Manager

U. S. Nuclear Regulatory Commission, Washington, DC
B. L. Siegel, Licensing Project Manager

U. S. Nuclear Regulatory Commission, Region II
S. D. Ebnetter, Regional Administrator
T. M. Ross, Senior Resident Inspector

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Southern Nuclear Operating Company
the southern electric system

ENV-94-091

April 13, 1994

VIA TELEFAX
AND
VIA CERTIFIED MAIL, RETURN RECEIPT REQUESTED

FARLEY NUCLEAR PLANT
NPDES Permit No. AL0024619

Mr. Charles R. Horn, Chief
Water Division
Alabama Department of Environmental Management
1751 Cong. W. L. Dickinson Drive
Montgomery, AL 36109-2608

Dear Mr. Horn:

Pursuant to the provisions of Part I.C.2.a of the above referenced NPDES permit, the enclosed report is submitted to the Division. This report provides information concerning an exceedance of the discharge limitation for Fecal Coliform at DSN011 - Sewage Treatment Plant 2B as a result of an upset. This incident was verbally reported to the Division on April 8, 1994.

If you have any questions or require additional information, please contact LeRoy Daniels at 868-5937.

Sincerely,

K.W.M. Carr for
W. C. Carr
Manager, Environmental Services

WCC/LPD:sls

Enclosure

cc: J. M Coles

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
WATER DIVISION - INDUSTRIAL BRANCH
NONCOMPLIANCE NOTIFICATION FORM

PERMITTEE NAME: Southern Nuclear Operating Company - Farley Nuclear Plant

PERMIT NUMBER: AL0024619

FACILITY LOCATION: Houston County, Highway 95 South, Columbia, AL

DMR REPORTING PERIOD: Second Quarter 1994

1. DESCRIPTION OF DISCHARGE:
Discharge flow from Sewage Treatment Plant 2B (DSN011)

NONCOMPLIANCE PARAMETER(S):

Fecal coliform sample taken during Upset condition exceeded 300 cpg/100 ml limitation.
No other permit limitations were exceeded.

CAUSE OF NONCOMPLIANCE: (Attach additional pages if necessary)

An Upset of Sewage Treatment Plant 2B (DSN011) occurred when an influent flow surge caused a temporary hydraulic overload. The hydraulic overload resulted in carryover of wastewater from the clarifier into the chlorine contact chamber and a corresponding decrease in chlorine contact time. Due to the short duration of the flow increase, investigation into the root cause of the Upset has been inconclusive.

2. PERIOD OF NONCOMPLIANCE: (Include exact date(s) and time(s) or, if not corrected, the anticipated time the noncompliance is expected to continue):
The Upset occurred on April 7, 1994 from approximately 10:45am to 11:25am (40 minute total duration).

3. DESCRIPTION OF STEPS TAKEN AND/OR BEING TAKEN TO REDUCE OR ELIMINATE THE NONCOMPLYING DISCHARGE AND TO PREVENT ITS RECURRENCE (attach additional pages if necessary):

Plant personnel were present at Sewage Treatment Plant 2B when the Upset occurred and immediately took the following corrective actions:

- Chlorine feed rate was maximized to provide additional disinfection capacity.
- Solids were pumped from the chlorine contact chamber back to the aeration zone.
- Sludge was subsequently removed from the aeration zone to reduce organic loading.
- Influent sources (restrooms, etc.) were inspected to determine the source of increased flow. Results of the inspection were inconclusive.

A new sewage plant which will replace the existing sewage treatment plants has been constructed and will begin operation in approximately 30 days.

Richard D. Hill, General Manager - Farley Nuclear Plant
NAME AND TITLE OF RESPONSIBLE OFFICIAL (type or print)

R. D. Hill
SIGNATURE OF RESPONSIBLE OFFICIAL

4/13/94
DATE SIGNED