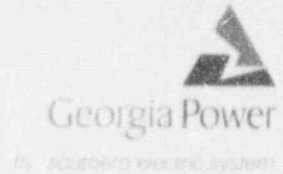


Georgia Power Company  
40 Inverness Center Parkway  
Post Office Box 1296  
Birmingham, Alabama 35201  
Telephone 205 877-7122

C. K. McCoy  
Vice President, Nuclear  
Vogtle Project



October 1, 1992

ELV-04037

Docket No. 50-424

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

Gentlemen:

VOGTLE ELECTRIC GENERATING PLANT - UNIT 1  
NPDES PERMIT NO. GA 0026786

In accordance with the requirements of the Environmental Protection Plan, Appendix B of the Vogtle Electric Generating Plant Facility Operating License Numbers NPF 68 and NPF-81, enclosed is a copy of correspondence submitted to the Georgia Department of Natural Resources - Environmental Protection Division transmitting a report required by our National Pollutant Discharge Elimination System (NPDES) Permit No. GA 0026786.

Should you have any questions, please advise.

Respectfully submitted,

*C. K. McCoy*  
C. K. McCoy

CKM/LPD:sls

Enclosure

9210060313 911001  
PDR ADOCK 05000424  
S PDR

*JE 12/1*

cc: Georgia Power Company  
Mr. W. B. Shipman, General Manager - Plant Vogtle  
Mr. M. Sheibani  
NORMS

U. S. Nuclear Regulatory Commission, Washington, DC  
Mr. D. S. Hood, Licensing Project Manager - Vogtle

U. S. Nuclear Regulatory Commission, Region II  
Mr. S. D. Ebnetter, Regional Administrator  
Mr. B. R. Bonser, Senior Resident Inspector - Vogtle

Georgia Power Company  
355 Piedmont Avenue  
Atlanta, Georgia 30308  
Telephone 404 526 6126

Mr. S. D. Holder  
Post Office Box 4545  
Atlanta, Georgia 30302



Georgia Power

Member of the Electric System

S. D. Holder  
Manager  
Licensing and Compliance

September 18, 1992

PLANT VOGTLE  
NPDES Permit No. GA0026786  
Five Day Report of NPDES Incident

VIA TELECOPY

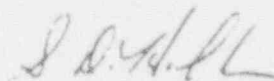
Mr. Lawrence W. Hedges  
Program Manager,  
Industrial Wastewater Program  
205 Butler Street, S.E. - Room 1070  
Atlanta, Georgia 30334

Dear Mr. Hedges:

Attached is a report submitted in compliance with Part II.A. 2. & 5. of the above referenced NPDES permit. It details the overflow of the Unit 1 cooling tower basin to Retention Pond #1 and outfall OSN-014 that occurred on September 14, 1992. Telephone notification was made to Mr. Joseph R. Kane on September 15, 1992.

If you have questions or comments, please advise.

Yours very truly,

  
S. D. Holder

GNG:gg  
Attachment

VOGTLE ELECTRIC GENERATING PLANT  
NPDES PERMIT NO. GA 0026786

Description of Incident:

On Monday, September 14, 1992, an NPDES incident occurred at Vogtle Electric Generating Plant (VEGP) which resulted in discharge of water from the Unit 1 cooling tower basin via a storm drain to Retention Pond #1. Retention Pond #1 discharges to the Savannah River via NPDES Permit point OSN 014.

A cooling tower high level basin alarm was received in the control room at approximately 2211 EDT on September 14, 1992. In response to this alarm, control room personnel maximized Unit 1 cooling tower blowdown capability and shut off all makeup to the cooling tower in accordance with plant procedures in order to reduce basin water level. At approximately 2358 EDT, a Chemistry foreman observed that the ground area around the Unit 1 cooling tower basin was wet and water was flowing in the storm drain indicating the Unit 1 cooling tower basin had overflowed. The foreman notified the control room and proceeded to sample the cooling tower ground area and storm drain.

The chemical parameters of the discharge samples and results (mg/l) were as follows:

<u>Sample No.</u>	<u>pH</u>	<u>Chlorine</u>	<u>Zinc</u>	<u>Chromium*</u>
1 (East of Unit 1 drain)	8.24	Non-Detectable	0.21	<0.10
2 (Basin ground area)	8.15	Non-Detectable	0.23	<0.10
3 (Retention pond #1)	8.96	Non-Detectable	Non-Detectable	<0.10

\* Results from the Georgia Power Company Environmental Laboratory

Cause of the Incident:

The cause of this incident is attributed to an out-of-calibration level transmitter that provides control room indication and alarm upon occurrence of a high level condition in the cooling tower basin. The alarm was not received in time to take corrective action to prevent overflow of the basin.

Period of the Incident:

The period of discharge from the cooling tower basin is estimated to be one hour and 58 minutes. The discharge began at approximately 2200 EDT and ceased a short time before approximately 2353 EDT.

Action Taken to Prevent Recurrence:

The overflow from the Unit 1 cooling tower basin discharged via the storm drain to the Retention Pond #1, which discharges to the Savannah River via NPDES Permit point OSN 014. Analyses of samples taken at the basin discharge and the discharge from Retention Pond #1 indicate no adverse impact to the environment occurred as a result of the basin overflow.

A work request was initiated to repair the out-of-calibration level transmitter. In addition, plant management has appointed an event critique team to investigate the cooling tower overflow condition and to provide additional corrective action to the plant as appropriate.

Details of this incident were reported verbally to Mr. George Guill of Georgia Power Company - Environmental Affairs on September 15, 1992. Verbal notification to the Department of Natural Resources - Environmental Protection Division was provided by Mr. Guill on September 15, 1992, in accordance with the provisions of Part II A.2 of the VEGP NPDES Permit. This report is submitted in accordance with the requirement for a 5 day written report documenting the above incident as referenced in Part II A.2 of the VEGP NPDES Permit.