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 LOFLIN,L.I. Carolina Power & Light Co.
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SUBJECT: Provides copies of 890616 & 900327 notifications re NPDES
 Permit SC0002925,per 890127 commitment.

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Carolina Power & Light Company

SERIAL: NLS-90-098

APR 30 1990

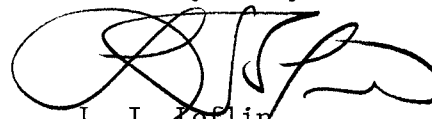
United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
NPDES PERMIT NOTIFICATION

Gentlemen:

Pursuant to the commitment made in our January 27, 1989 letter, CP&L is providing copies of notifications dated June 16, 1989 and March 27, 1990 regarding the NPDES Permit No. SC0002925 for the H. B. Robinson site.

Yours very truly,



L. I. Loflin
Manager
Nuclear Licensing Section

JSK/ecc (693ECC)

cc: Mr. S. D. Ebnetter
Mr. L. Garner (NRC-HBR)
Mr. R. Lo

411 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602

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Carolina Power & Light Company

COPY

Shearon Harris Energy & Environmental Center
Route 1, Box 327

New Hill, North Carolina 27562 SERIAL: 89-ESS-444

JUN 16 1989

Mr. Jack Wilkinson
Environmental Quality Manager
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, SC 29201

RE: Darlington County
Robinson Steam Electric Plant
NPDES Permit No. SC0002925

Dear Mr. Wilkinson:

As required by the NPDES permit for Carolina Power & Light Company's (CP&L) Robinson Steam Electric Plant, this is intended to provide written notification of two noncompliance incidents during May, 1989. Mr. Ed Hart of SCDHEC was recently notified of the noncompliances by B. W. Stephens of CP&L.

On May 16 and May 17, 1989, effluent samples from the sewage treatment facility Serial No. 004 were split with SCDHEC during a routine compliance inspection by Mr. Hart. Analytical results of CP&L's sample collected on May 16 exceeded the daily maximum permit limit of 45 mg/l for total suspended solids (TSS) with a reading of 71.0 mg/l. The daily average limit for TSS of 30 mg/l for May was also exceeded, with an average of 42.2 mg/l. Samples collected on May 3 and May 17 were below TSS permit limits. BOD₅ and fecal coliform results for the month were also within permit limits. Although the cause of the plant upset is unknown, it is possible that rainfall prior to sampling contributed to the solids carryover. Robinson Plant personnel are presently working with a consultant to investigate and help identify problems being experienced with the sewage treatment plant.

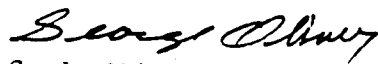
Also during May, the once-through cooling water discharge (Serial No. 001) temperature exceeded the daily maximum limit of 98.6°F on May 31 and the daily average limit for May of 93.2°F with readings of 98.7°F and 94.1°F, respectively. This was attributed to the high ambient temperatures and resultant Unit 2 intake temperatures. Unit 1 was off-line during the time.

Beginning on May 25, the Unit 1 circulating water pumps were started up in an attempt to lower the discharge temperatures with additional flow; however, this did not result in a significant difference in temperature. Unit 1 circulating water pumps could not be operated prior to May 25 due to potential interference with the turbine alignment being conducted at the time.

No adverse environmental impact has been observed as a result of the elevated temperature. As you are aware, the permit daily maximum and daily average temperature limits were adjusted to 111.2°F and 108.7°F, respectively, beginning in June.

If there are any questions concerning this notification, please call J. M. McDowell at (919) 546-6920.

Yours very truly,



G. J. Oliver, Ph.D.
Manager
Environmental Services

BWS/ad1:89-71BWS

cc: Mr. E. E. Hart

bcc: Mr. C. V. Bailes
Mr. M. R. Greeson
Mr. L. R. King
Mr. R. E. Morgan
Mr. A. B. Cutter
Mr. R. W. Prunty
Mr. W. T. Traylor



LEK by BWS

CP&L

Carolina Power & Light Company

RECEIVED MAR 28 1990

Shearon Harris Energy & Environmental Center
Route 1 Box 327

New Hill, North Carolina 27562

SERIAL NO.: ESS-90-305

MAR 27 1990

Mr. Jack W. Wilkinson
Environmental Quality Manager
South Carolina Department of Health
& Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

RE: Robinson Steam Electric Plant
Darlington County
NPDES Permit No. SC0002925

Dear Mr. Wilkinson:

In accordance with the subject permit, we are providing notification of a permit noncompliance during February. This was reported to SC-DHEC on the monthly Discharge Monitoring Report submitted March 21, 1990, as well as to Mr. Ed Hart by telephone on March 12, 1990.

The once-through cooling water discharge temperature measured at the weir (discharge serial number 001) exceeded the daily average limit of 78.8°F for the month with a result of 80.7°F. The daily maximum temperature limit of 85.1°F was not exceeded.

Unusually high ambient temperatures during February contributed to the elevated discharge temperatures. CP&L meteorological personnel report that the average ambient temperature for February measured in Florence, South Carolina was 56°F. The 30-year normal average temperatures for February, March, and April are 47.2°F, 54.7°F, and 63.7°F, respectively. Therefore, February's temperatures were more in line with the normal temperatures expected in March or April. It should be noted that the daily average permit limit beginning March 1 increased to 86.0°F.

If there are any questions or comments concerning this notification, please call J. M. McDowell at (919) 546-6902.

Yours very truly,

G. J. Oliver

G. J. Oliver, Ph.D.
Manager
Environmental Services

BWS:dcs (90-19BWS)
cc: Mr. E. E. Hart, Jr.
bcc: Mr. C. V. Bailes
Mr. M. R. Greeson
Mr. J. C. Goode
Mr. L. R. King
Mr. L. I. Loflin
Mr. R. E. Morgan