





Carolina Power & Light Company

SERIAL: NLS-89-181

JUN 21 1989

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 a copy of a recent notification regarding the NPDES Permit No. SC0002925 for the H. B. Robinson site.

Yours very truly,

L. I. Loflin  
Manager

Nuclear Licensing Section

JSK/crs (367CRS)

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

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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. BOD<sub>5</sub> 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