



Carolina Power & Light Company

Shearon Harris Energy & Environmental Center
Route 1, Box 327
New Hill, North Carolina 27562

NOV 26 1984

Serial: ESS-84-947

Mr. Charles Wakild
Regional Supervisor
Division of Environmental Management
7225 Wrightsville Avenue
Wilmington, NC 28403

RE: BRUNSWICK STEAM ELECTRIC PLANT
NPDES PERMIT NO. NCO007064

Dear Mr. Wakild:

As required by the NPDES permit for this facility, this is to provide you with notification that Brunswick Unit No. 2 was operated with less than two fine mesh screens while two or more circulating water system pumps were running. On November 16, 1984 at 09:57, the 2B pump (which is equipped with fine mesh screens) tripped due to failure of the main bearing on the screen rotating shaft. The generating unit was operated with multiple pumps with only one pump equipped with fine mesh screens until 07:48 on November 17, 1984.

The bearing for the 2B fine mesh screens unit has been repaired. As reported to you in a letter dated October 10, 1984, we are currently reviewing the practice of performing routine maintenance on the fine mesh screens while the circulating water system pumps remain in service. We will report to you any operation/maintenance changes made to the system.

If you have any questions, please call R. K. Miller at (919) 836-7185.

Yours very truly,

R. B. Starkey, Jr.
Manager

Environmental Services

RBSjr/tda (2264BSC)

cc: Mr. H. R. Denton
Mr. J. P. O'Reilly

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