

South Carolina
Department of
Health and
Environmental
Control

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2600 Bull Street
Columbia, S.C. 29201

October 2, 1981

50-413/444

Mr. John Lehr
Environmental Engineering Branch, AR-5200
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Duke Power - Catawba Nuclear Station
York County

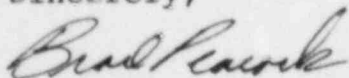
Dear John:

Regarding our meeting of September 24, 1981, and the discussion concerning the above referenced facility, the following comments may be of some benefit:

- no biological or physical studies were done on Lake Wylie nor will any be required by this Department.
- SC DHEC has only one monitoring station on the northern part of Lake Wylie with minimal data collection capabilities.
- Cooling tower blowdown must be discharged from the "cool" side of the tower; no immediate plans for thermal plume studies on this discharge (may require thermal plume study later).
- all housing, except the larger sub-divisions, have septic tanks system.
- enclosed is a memo from our Enforcement Division in regards to the aqua-culture system.

If any additional information is needed, please feel free to call.

Sincerely,



Brad Peacock, Engineer
Industrial & Agricultural Wastewater Division
Bureau of Wastewater & Stream Quality Control

13001 1/1
Add E. Adensam
K. Jabbour
R. Ballard

BP/jf

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PDR ADOCK 05000413
A PDR

South Carolina
Department of
Health and
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Control

SEP 25 1981

INDUSTRIAL & AGRICULTURAL
WASTEWATER DIVISION

September 25, 1981

BOARD
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MEMORANDUM:

TO: Brad Peacock
Industrial Engineering

FROM: Dale Farenc *Dale Farenc*
Enforcement Section

SUBJECT: NPDES Permit effluent violation at Duke Power/Catawba Nuclear Station.

During March thru June 1981, the referenced facility's discharge monitoring reports indicated violations of the total suspended solids (TSS) and biological oxygen demand (BOD) parameter limits. Duke Powers' accompanying letter explained that the facility had been experiencing problems due to algae growth, and that an in-house investigation had already been initiated to correct the violations.

On the basis of Duke's explanation, enforcement action was temporarily withheld. Upon receipt of the facility's next quarterly discharge monitoring report, the situation will be reviewed by the enforcement section. If TSS and BOD violations still exist, a conference will be scheduled with Duke representatives to discuss the violations. At that time, the possible issuance of an Order requiring correction of these violations will be considered.

DRF/ik