

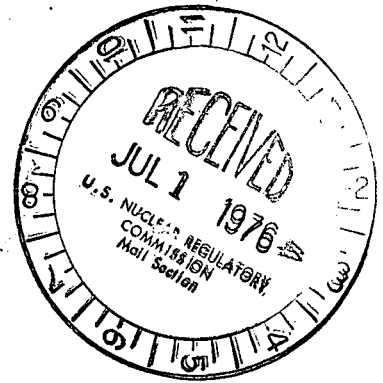


Carolina Power & Light Company

June 29, 1976

Mr. Jack E. Ravan
Regional Administrator
U.S. Environmental Protection Agency
1421 Peachtree Street, N.E.
Atlanta, Georgia 30309

50-261



RE: NPDES PERMIT NO. SC0002925
H. B. ROBINSON 316(a) DEMONSTRATION

Dear Mr. Ravan:

Pursuant to the terms and conditions of NPDES Permit No. SC0002925, please find enclosed three copies of the H. B. Robinson 316 Demonstration.

The study program has been conducted in accordance with the 316(a) demonstration study plan submitted to the Environmental Protection Agency on December 13, 1974, and as modified in March, 1975, in response to recommendations of the Agency.

The three-volume report provides compiled and interpreted data collected both prior to and during the study program. We believe that all information necessary for an independent assessment has been included within these three volumes. However, if you find that there are points we have failed to make clear or if you feel additional backup data are necessary for a proper evaluation, please let us know. We will make our best effort to respond to your questions.

The extensive biological, physical, and chemical data collected and compiled provide ample evidence that a balanced, indigenous community of shellfish, fish and wildlife exists in and on the Robinson Impoundment and in Black Creek below the dam. They also show that the operation of the H. B. Robinson Plant is compatible with the preservation and propagation of this community.

Accordingly, Carolina Power & Light Company requests, pursuant to the provisions of Section 316(a) of Public Law 92-500, that alternative effluent limitations be imposed upon the thermal component of the H. B. Robinson thermal discharge.

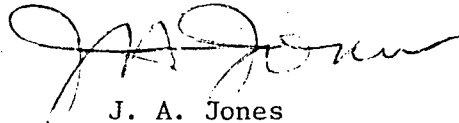
We have incorporated in this report data considered responsive to Condition E, Part III of modified Permit No. SC0002925 which is attached as Exhibit A to the proposed stipulation now being reviewed by counsel for CP&L and EPA. Condition E pertains to Section 316(b) impingement and entrainment studies.

Following your review of the material provided, we will be most happy to answer any questions that may arise.

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We are appreciative of the continued cooperation offered us by personnel of Region IV.

Yours very truly,



J. A. Jones
Executive Vice President
Engineering, Construction & Operation

JAJ/t1

cc: Messrs. C. R. Jeter w/a
R. Mahan w/a
B. C. Rusche w/a ✓
J. D. Whisenhunt w/a
J. W. Wilcox wo/a

Enclosures