

ENVIRONMENTAL PROTECTION SECTION

January 19, 1996

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Mr. John Carter, Technical Systems Manager
Duke Power Company
Environmental Division, Water Protection
13339 Hagers Ferry Road
Huntersville, N.C. 28078-7929

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Re: Sodium Bromide Trial Extension
Catawba Nuclear Station/Duke Power Co.
York County

Dear Mr. Carter:

As discussed by telephone with Mr. John Estridge of your staff, our Office agrees to extend the approval of the maintenance chemical trial using sodium bromide for control of biological growth in the two (2) recirculating cooling towers systems at the Catawba Nuclear Station in York County. Our Office approves this request with the following conditions:

- 1) This trial extension is approved until July 1, 1996.
- 2) A minimum dilution of one (1) part RC cooling tower blowdown water to two (2) parts once through RL cooling water (1:2) must be maintained.
- 3) During the trial, internal Outfall 005 shall be limited to a monthly average of 0.2 mg/l and a instantaneous maximum of 0.5 mg/l for Free Available Oxidants.

The modifications to the Catawba Nuclear Steam Station NPDES Permit No. SC0004278 should be finalized by July 1, 1996. These modifications incorporate the permanent use of sodium bromide as a maintenance chemical to the cooling towers.

If you should have any questions, please call me at (803)734-5247.

Sincerely,

Timothy M. Eleazer

Timothy M. Eleazer
Environmental Engineer Associate
Industrial and Agricultural
Wastewater Division

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TME/DUKEBR4

cc: Al Williams, Catawba EQC
John Estridge, Duke Power Co.

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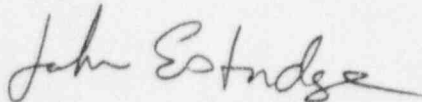
January 30, 1996

A.P. Jackson - CN03CH
J.T. Harris - CN01EM
W.J. Davis - CN01CH
S.D. Davenport - EC07D

Subject: Catawba Nuclear Station -NPDES Permit No. SC0004278
Sodium Bromide Request for Permanent Approval
File: CN-702.13

Attached please find a memo from SCDHEC approving the use of sodium bromide until July 1, 1996. Should you have questions concerning this letter please give me a call at (704) 875-5965.

Sincerely,



John Estridge, Engineer
Environmental Division, Water Protection

jte/503

cc: NRC Document Distribution List
M.A. Lascara