

February 17, 1994

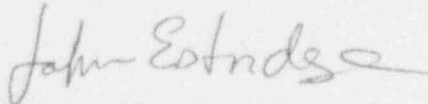
J.T. Harris-CN01EM
A.P. Jackson-CN03CH
G.W. Sain-EC07D
J.W. Bramblett-EC07D
C.L. Peed-CN01EM
W.J. Davis-CN01CH
J.S. Velte
D.L. Vaught
M.E. Hollis

Subject: Catawba Nuclear Station -NPDES Permit No. SC0004278
Steam Generator Chemical Metal Cleaning
File: CN-208.20

Attached please find an approval letter from the South Carolina Department of Health and Environmental Control to use the treatment chemicals for the steam generator chemical metal cleaning to occur later this year. No additional monitoring has been imposed above those required in our NPDES permit.

The next step will to submit a package to the State for a construction permit (or letter of approval) to treat the wastewater generated from the cleaning. If you have any questions or need additional information please give me a call at 875-5965.

Sincerely,



John Estridge, Engineer
Environmental Division, Water Protection

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cc: NRC Document Distribution
M.A. Lascara

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February 16, 1994

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

Re: Chemical Metal Cleaning
Duke Power Co./Catawba Nuclear Station
York County

Dear Mr. Carter:

Our Office has received your December 28, 1993 letter concerning the Chemical Metal Cleaning of the four (4) steam generators at Unit 2 at the Catawba Nuclear Station in York County. Based on a review of the proposal, we agree with your request. We understand the treatment chemicals selected to remove the copper and iron build up within the steam generator are ethylenediamine (EDA) and ammonium carbonate $(\text{NH}_4)_2\text{CO}_3$. Approximately 40,000 gallons of wastewater will be generated from the metal cleaning which will be treated and discharged through the NPDES permit outfall 004.

We look forward to receiving the submittal for the wastewater treatment system associated with the chemical metal cleaning project in the near future.

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

TME/ebs

cc: Al Williams, Catawba EQC