



DUKE POWER

September 12, 1995

Mr. Vernon Beaty, Aquatic Toxicologist  
Industrial and Agricultural Wastewater Division  
South Carolina Department of Health  
and Environmental Control  
2600 Bull Street  
Columbia, SC 29201

Subject: Catawba Nuclear Station - NPDES Permit # SC0004278  
Toxicity Test Results for Outfall 002  
File: CN-702.13

Dear Mr. Beaty:

This letter is in response to your letter dated August 15, 1995 concerning the toxicity test failure which occurred for outfall 002 on June 7, 1995. The permit condition Part III. A. 13. c. (Copy Attached) which required that a Toxicity Reduction Evaluation (TRE) be performed following a toxicity failure was dropped from the NPDES permit when Phase II went into effect on May 1, 1994. This issue was also discussed with Mr. Tim Eleazer who indicated that we do not need to perform the TRE analysis.

Additionally, please find attached a follow up toxicity test which was collected on June 22, 1995 for outfall 002 following the June 7, 1995 test. This follow up test passed the toxicity test. Please accept this passing follow up test in lieu of the Toxicity Reduction Evaluation.

Should you have any questions concerning this letter please give John Estridge a call at (704) 875-5965.

Sincerely,

John S. Carter, Technical System Manager  
Environmental Division, Water Protection

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PDR ADDCK 05000413  
P PDR

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bc: M.A. Lascara - MF03A5 w/o attachments  
A.P. Jackson - CN03CH  
J.T. Harris - CN01EM  
J.S. Velte - MG03A3

Attachments include:

Page 9 of 31 of NPDES Permit

June 22, 1995 Passing Toxicity Test

# A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on (See Part III, Special Condition #14) of this Permit and lasting through the expiration date the Permittee is authorized to discharge from outfall(s) serial number(s) 002: low volume wastes, miscellaneous dilute wastewater, and metal cleaning wastes to Lake Wylie.

Such discharge shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTICS</u>	<u>DISCHARGE LIMITATIONS</u>				<u>MONITORING REQUIREMENTS</u>	
	kg/day (lbs/day)		Other Units (Specify)		Measurement Frequency	Sample Type
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum		
Biological Monitoring (Whole Effluent Chronic Toxicity Testing)	-	-	-	0 <sup>(1)</sup>	1/quarter	Grab
		!!!				

(1) See Part III, Special Condition #13 a,b,d,e

2. Due to the intermittent and variable duration of the batch discharges for Outfall 002, the sampling protocol for chronic testing is modified to allow Duke Power Company to conduct the chronic testing with only one or two samples in instances when flow is not available.
3. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): at the point of discharge from the conventional waste treatment (WC) system but prior to mixing with the receiving waters.