

Duke Power Company
Catawba Nuclear Generation Department
4800 Concord Road
York, SC 29745

D. L. REHN
Vice President
(803)831-3205 Office
(803)831-3426 Fax



DUKE POWER

June 23, 1993

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Subject: Catawba Nuclear Station
Docket Nos. 50-413 and 50-414
Environmental Protection Plan Reporting

The Environmental Protection Plan (Appendix B to the Catawba Facility Operating License) requires that changes to the NPDES Permit or State Certification be reported to the NRC within thirty (30) days following the date the change is approved.

Attached please find approval for the discharge of Betz Clam-Trol 1 issued by the South Carolina Department of Health and Environmental Control June 8, 1993.

Very truly yours

A handwritten signature in dark ink, appearing to read 'D L Rehn', written over a horizontal line.

D. L. Rehn

Attachments

JTH/EPP 1993

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9306300216 930623
PDR ADDCK 05000413
P PDR

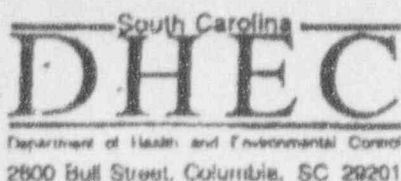
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xc: S. D. Ebnetter
Regional Administrator, Region II

R. J. Freudenberger
Senior Resident Inspector
Catawba Nuclear Station

R. E. Martin, ONRR



Interim Commissioner: Thomas F. Brown, Jr.

Board: John H. Burris, Chairman
Richard E. Jabbour, DDS, Vice Chairman
Robert J. Stripling, Jr., SecretaryWilliam E. Applegate, III,
Tony Graham, Jr., MD
Sandra J. Motander
John B. Pate, MD

Promoting Health, Protecting the Environment

June 8, 1993

Mr. Robert R. Wylie, Engineer
Environmental Division
Duke Power Company
13339 Hagers Ferry Road
Huntersville, N.C. 28078-7929

Re: Biocide: Betz Clam-Trol CT-1 Approval
Duke Power Co./Catawba Nuclear Station
York County

Dear Mr. Wylie:

Our Office has received your March 4, 1993 letter concerning the use of the Betz biocide Clam-Trol CT-1 at the Duke Power Company Catawba Nuclear Station in York County. The data supplied by Betz Laboratories on the toxicity of Clam-Trol CT-1 to *Ceriodaphnia dubia* indicates that a 12-hour exposure to 0.40 mg/l is not toxic. Based on a review of the information provided, our Office approves your request to use the biocide Clam-Trol at the Catawba Nuclear Station for Outfalls 001 and 002 with the following conditions:

- 1) The Clam-Trol CT-1 shall be limited to a daily maximum of 0.40 mg/l, at least three (3) samples shall be taken during a 24-hour period when the Clam-Trol CT-1 is expected to be present (detectable) in the outfalls.
- 2) To ensure that the CT-1 has been detoxified from the discharge, Duke Power Company shall perform a 100% effluent three-brood pass/fail *Ceriodaphnia dubia* chronic toxicity test. Toxicity shall be limited to no statistically significant evidence at the 0.05 α level that the percentage of tests failed is greater than 5%. As has been discussed with Mr. Vernon Beaty, Water Quality Monitoring Section, the toxicity test solutions will be allowed to be renewed daily with a new sample taken daily during the early part of the test. Renewing daily samples will make the test a better approximation to CT-1 that organisms in Lake Wylie will receive. The samples collected shall be 24-hour composite samples. Also, a minimum of three (3) samples must be used, and all other USEPA and SCDHEC test protocols must be followed.

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
Vernon Beaty, Water Quality Monitoring