



DUKE POWER

September 20, 1995

Mr. Timothy M. Eleazer
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 No. SC0004278
Request for Maintenance Chemical Approval
File: CN-702.13

Dear Mr. Eleazer:

Catawba Nuclear Station requests approval to begin using Dimethylamine (DMA) which will be discharged in non-toxic concentrations. This product will be used in the plants feedwater systems in order to reduce and prevent corrosion fouling.

Dimethylamine has an NOEC concentration of 20 ppm for ceriodaphnia dubia. The proprietary product to be used (Pre-Tect 9002) has a NOEC concentration of 1000 ppm. The product will be used in the system at concentration less than the NOEC and will be combined with other flows prior to discharging to Lake Wylie via outfall 002. Attached please find a Chronic Toxicity Study performed on Pre - Tect 9002 as well as an MSDS sheet for the product.

The SCDHEC Industrial Wastewater Division has approved the use of this product for Oconee Nuclear Station (See attached approval letter dated June 28, 1995). We are requesting a similar approval letter be issued for Catawba Nuclear Station. However, we are requesting that the approval letter reference dimethylamine (DMA) rather than the proprietary manufactures name in order to have flexibility in selecting different product suppliers without seeking additional approval.

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

Sincerely,

250087

John S. Carter by JTE

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

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