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**DUKE POWER**

April 29, 1991

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

Subject: Catawba Nuclear Station  
Docket Nos. 50-413, -414  
Annual Environmental Operating Report  
Calendar Year 1990

Gentlemen:

Attached is the subject report which is required by the Environmental Protection Plan, Appendix B to the Catawba Technical Specifications.

Very truly yours,

A handwritten signature in cursive script, reading "M. S. Tuckman".

M. S. Tuckman

LTB  
Attachment

xc: Regional Administrator  
USNRC, Region II

Catawba Project Manager, ONRR  
USNRC

Catawba Resident Inspector  
USNRC

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PDR ADOCK 05000413  
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Summaries and Analysis of Results of  
Activities Required by the  
Environmental Protection Plan (EPP)

No observed non-radiological impacts on the environment due to the operation of Catawba Nuclear Station were noted during the reporting period. No evidence of trends toward irreversible damage to the environment were identified.

Section 4.2.1 - Aerial Remote Sensing

Pre-operational infrared photographs were obtained in 1983 and 1984. Operational data was obtained again in 1985, 1986, 1987, and 1990. The next aerial remote sensing monitoring will be conducted in September or October 1991 per the required sampling program for assessment of vegetative communities near the cooling towers of Catawba Nuclear Station.

Section 5.4.1(1) - EPP Non-Compliance and Corrective Actions

No noncompliances of the Environmental Protection Plan for Catawba Nuclear Station in 1990.

Section 5.4.1(2) - Changes in Station Design or Operation, Tests, and Experiments which Involve a Potentially Significant Unreviewed Question

No station changes were identified that involved a potentially significant unreviewed environmental question.

Section 5.4.1(3) - Nonroutine Reports Submitted in Accordance with Subsection 5.4.2 of EPP.

No nonroutine reports were required to be submitted to the NRC in 1990.

Section 5.4.1(4) - NPDES Reports Related to Matters Identified in Section 2.1 of the EPP.

1. Discharge Monitoring Reports Submitted to SCDHEC:

<u>Date Submitted</u>	<u>Period Covered</u>
February 23, 1990	January 1990
March 28, 1990	February 1990
April 26, 1990	March 1990
May 24, 1990	April 1990
June 28, 1990	May 1990
July 27, 1990	June 1990
August 28, 1990	July 1990
September 27, 1990	August 1990
October 25, 1990	September 1990
November 27, 1990	October 1990
December 27, 1990	November 1990
January 27, 1991	December 1990