

DUKE POWER COMPANY

P.O. BOX 33189

CHARLOTTE, N.C. 28242

HAL B. TUCKER

VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

March 27, 1989

U. S. Nuclear Regulatory Commission
Region II
101 Marietta street
Atlanta, Georgia 30323

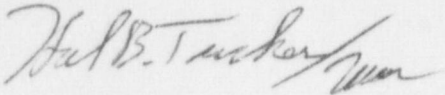
Attention: T. R. Decker

Subject: Catawba Nuclear Station, Units 1 and 2
Docket Nos. 50-413 and 50-414
Analysis of NRC Supplied Spiked Samples

Gentlemen:

T. R. Decker's, NRC Region II, January 6, 1989 letter to H. B. Tucker requested that Catawba Nuclear Station perform a routine analysis on an NRC supplied liquid sample spiked with radionuclides. Please find attached the results of the sample analysis performed at Catawba Nuclear Station.

Very truly yours,



H. B. Tucker

Attachment

JGT/2/SAMPLE

xc: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Mr. W. T. Orders
NRC Resident Inspector
Catawba Nuclear Station

IE06
1/1

8904040169 890327
PDR ADOCK 05000413
P PDC

RESULTS OF ANALYSIS OF NRC SAMPLE
SPIKED WITH RADIONUCLIDES PERFORMED
AT CATAWBA NUCLEAR STATION

Tritium (H-3)	$1.54 \pm 0.36\text{E-}05 \text{ } \mu\text{ci/ml}$
SR-89	$7.3 \pm 0.2\text{E-}05 \text{ } \mu\text{ci/ml}$
SR-90	$4.5 \pm 0.1\text{E-}06 \text{ } \mu\text{ci/ml}$
FE-55	$1.74\text{E-}06 \pm 9.7\text{E-}08 \text{ } \mu\text{ci/ml}$