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DUKE POWER

September 23, 1993

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

Subject: Catawba Nuclear Station, Units 1 and 2
Docket Nos. 50-413 and 50-414
NRC Confirmatory Measurement Program
Analysis of Radionuclide Samples

The following information is provided in response to NRC letter dated July 28 1993, concerning the analysis of spiked liquid samples as part of the NRC Confirmatory Measurement Program. Liquid samples spiked with beta emitting radionuclides were received at CNS on July 15, 1993, and were analyzed as indicated on the instructions for analysis that accompanied the test samples, utilizing approved station procedures. The results of this analysis are as follows:

<u>Station</u>	<u>Radionuclide</u>	<u>Activity (μCi/ml)</u>
Catawba	H-3	1.08E-04 +/-7.99E-06
	Sr-90	1.70E-05 +/-1.10E-07
	Fe-55	1.23E-05 +/-1.56E-07

Should you have further questions, please contact Kay Nicholson at (803) 831-3237.

Very truly yours,

D. L. Rehn

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NRC Confirmatory Measurement Program
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