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CP&L

Carolina Power & Light Company

86 AUG 25 P12: 10

HARRIS NUCLEAR PROJECT

P.O. Box 165

AUG 22 1986

New Hill, North Carolina 27562

File Number: SHF/10-13510E

Letter Number: HO-860336(O)

Dr. J. Nelson Grace

NRC-474

United States Nuclear Regulatory Commission
Region II

101 Marietta Street, Northwest (Suite 2900)
Atlanta, GA 30323

Reference: NRC Inspection Report No. 50-400/86-54 dated
July 30, 1986

Dear Dr. Grace:

Carolina Power & Light Company has completed the analysis of the
spiked simulated liquid waste sample identified as Inspector
Follow-up Item 50-400/86-54-03. The results are shown below:

Nuclide	Activity (uCi/ml)	
	Diluted*	Undiluted**
H-3	4.4 E-5	4.4 E-4
Fe-55	3.52 E-5	3.52 E-4
Sr-89	5.52 E-5	5.52 E-4
Sr-90	4.49 E-6	4.49 E-5

* - Analyzed

** - Calculated

Note that the results for both the stock sample and the diluted
sample (1:10 dilution) are included. The H-3 value was determined
by Shearon Harris Nuclear Power Plant counting room staff. The
remaining nuclide values were generated by the Radiological and
Chemistry Section Laboratory at the Harris Energy and
Environmental Center.

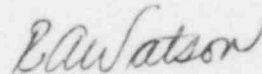
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If you have any further questions, please contact our Regulatory Compliance Staff.

Yours very truly,

A handwritten signature in cursive script, appearing to read "R. A. Watson".

R. A. Watson
Vice President
Harris Nuclear Project

ONH:skm

cc: Messrs. C. Maxwell (NRC-SHNPP)
P. Stoddart (NRC-RII)