

CP&L

Carolina Power & Light Company

Brunswick Steam Electric Plant
P. O. Box 10429
Southport, N. C. 28461
December 6, 1990

FILE: B09-13510C
SERIAL: BSEP/90-0813

U. S. Nuclear Regulatory Commission
Region II
ATTN: Mr. John B. Kahle
101 Marietta St. Suite 2900
Atlanta, Ga. 30323

BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 & 2
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62
RESULTS OF ANALYSES OF NRC TEST SAMPLES

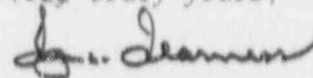
Dear Mr. Kahle:

This letter is being sent to you to provide the final results of the NRC test samples received by the Brunswick Steam Electric Plant October 9, 1990, in accordance with the instructions provided with the NRC test samples. Per letter dated October 12, 1990, the test results to be provided by BSEP are for Liquid Sample-Tritium, and Liquid Sample-Sr-89, Sr-90 and Fe-55. The sample analyses test results for Brunswick are as follows:

Liquid Sample-Tritium:	4.18E-5 + 1.6E-5 uCi/ml
Liquid Sample-Sr-89:	5.56E-5 + 3.0E-7 uCi/ml
Liquid Sample-Sr-90:	3.13E-6 + 8.0E-8 uCi/ml
Liquid Sample-Fe-55:	2.46E-5 + 3.0E-7 uCi/ml

Results were decay corrected to 10/1/90 in accordance with the enclosed instructions. If you have any further questions regarding these results, please contact me.

Very truly yours,



J. L. Harness, General Manager
Brunswick Nuclear Project

TH/

cc: BSEP NRC Resident Office
Mr. B. H. Webster

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