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February 7, 1983

Florida Power Corporation  
ATTN: Mr. J. A. Hancock, Vice President  
Nuclear Operations  
P. O. Box 14042, Mail Stop C-4  
St. Petersburg, FL 33733

Gentlemen:

SUBJECT: DOCKET NO. 50-302

As part of the NRC Confirmatory Measurements Program, liquid samples spiked with radionuclides will be sent to the Crystal River facility for radiochemical analyses. These samples are to be analyzed for tritium, strontium-89, and strontium-90 in accordance with your approved procedures for analysis of liquid waste samples. If routine analyses of this type are normally performed by a vendor, this vendor should be used to analyze the spiked samples. The spiked samples, with instructions, will be sent under separate cover from the Department of Energy's Radiological and Environmental Sciences Laboratory within approximately thirty days.

We request that the analyses be completed as soon as practicable, but not later than 60 days from receipt of the samples. Results should be sent to: U.S. Nuclear Regulatory Commission, Region II, Attn: Dr. D. M. Montgomery. Our evaluation of your results will be discussed with your staff and documented in our next inspection report for this area. Spiked samples will be sent to you on an annual basis as part of our routine inspection program.

If you have any questions regarding this program, please contact Dr. Montgomery by telephone at 404-221-5596.

Sincerely,

(Original signed by RCLewis)  
R. C. Lewis, Director  
Division of Project and  
Resident Programs

cc: G. R. Westafer, Manager  
Nuclear Licensing and  
Fuel Management  
T. Lutkehaus, Nuclear  
Plant Manager  
E. M. Howard, Director,  
Site Nuclear Operation

bcc: Senior Resident Inspector  
Document Management Branch  
State of Florida

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DMMontgomery:sa  
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AFGibson  
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JAOLshinski  
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RCLewis  
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RDMartin  
02/07/83