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SUBJECT: Forwards results of 910308 confirmatory measure split sample analysis. Results of analyses discussed in telecon on 910503.

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

Gentlemen:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Confirmatory Measurements Program

In accordance with Florida Power and Light's (FPL) September 22, 1989, correspondence entitled "Confirmatory Measurements Program," FPL is enclosing the results of the Turkey Point confirmatory measures split sample analysis received on March 8, 1991. The results of these analyses were discussed in a telephone conference call between NRC - Region II and FPL Turkey Point representatives on May 3, 1991.

QC standards of the split samples were prepared and forwarded to a contractor laboratory as part of FPL's regular practice. The comparison of the laboratory results against the expected values resulted in a 95 % mismatch in one sample and a 48 % mismatch in another sample. As part of FPL's investigation of this event a new set of standards (QC samples) have been prepared and sent to the Laboratory along with the remaining volume of the split sample. This was necessary to ensure the accuracy of the results. These analysis take between 2 - 4 weeks to perform. An amended report with the validated results will be issued following reanalysis. This amended report will include the results of the FPL investigation of this event.

Should there be any additional information needed, please contact us.

Very truly yours,,

T. F. Plunkett
Vice President
Turkey Point Nuclear

TFP/DPS/ds

Attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
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Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Confirmatory Measurements Program

ATTACHMENT 1

Split Sample Results

The following are the results of the Turkey Point Confirmatory Measures split sample received on March 8, 1991. The results have been corrected for decay to October, 1990 values.

<u>NUCLIDE</u>	<u>VALUE</u>	<u>% UNCERTAINTIES</u>
Tritium	6.80 E-05	10%
*Fe-55	2.86 E-05	10%
*Sr-89	4.35 E-05	10%
Sr-90	3.09 E-06	10%

* As part of the routine analysis program, QC samples are frequently analyzed with the sample of interest in order to validate the results. This methodology was applied for this split sample.

