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ACCESSION NBR: 8802100452 DOC. DATE: 88/01/11 NOTARIZED: NO DOCKET #
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME AUTHDR AFFILIATION
 WOODY, C. O. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 KAHLE, J. B. Region 2, Ofc of the Director

SUBJECT: Forwards results of spiked sample analysis performed under
 NRC Confirmatory Measurements Program, in response to 871001
 request.

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	NRR/DLPQ/PEB	1 1	NRR/DOEA/EAB	1 1
	NRR/DREP/EPB	1 1	NRR/DREP/RPB	2 2
	NRR/PMAS/ILRB	1 1	OGC/HDS2	1 1
	<u>REG FILE</u> 02	1 1	RES	1 1
	RES/DRPS DIR	1 1	RGN2 FILE 01	1 1
	RGN2/DRSS/EPRPB	1 1	RGN4 MURRAY, B	1 1
EXTERNAL:	LPDR	1 1	NRC PDR	1 1
	NSIC	1 1		



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JANUARY 11 1988

L-88-11

U. S. Nuclear Regulatory Commission
Attn: Mr. J. B. Kahle, Chief
Radiological Effluents and Chemistry Section
101 Marietta St., N.W., Suite 2900
Atlanta, GA 30323

Dear Mr. Kahle:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Results of the NRC Confirmatory
Measurements Program Samples

In response to a NRC request dated October 1, 1987, Florida Power & Light Company (FPL) has obtained the results of the spiked sample analysis performed under the subject program.

The sample received by Turkey Point Plant was analyzed in accordance with the instructions that accompanied the sample. The results are corrected to January 11, 1987 and attached to this letter.

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

Very truly yours,


C. O. Woody
Executive Vice President

COW/SDF/gp

Attachment

cc: Dr. J. Nelson Grace, Regional Administrator,
Region II, USNRC
Document Control Desk, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

SDF/010.MPS

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PDR ADCK 05000250
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ATTACHMENT

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Results of the NRC Confirmatory
Measurements Program Samples

<u>Nuclide</u>	<u>Value</u>
Tritium	2.18 E-5
Sr-89	*
Sr-90	2.87 E-6
Fe-55	1.61 E-5

- * - Denotes that the percent uncertainty for Sr-89 based on Sr-89/90 gross counts minus Y-90 counts makes it too statistically inaccurate to meet the NRC Criteria of Acceptance. Reanalysis of the sample would not improve on the poor statistical data since Sr-89 was at least 10 times less than Sr-90 due to decay (approximately 6 half-lives) at analysis time. To provide an accurate cross-check for Sr-89, we request a more current Strontium split sample be provided where Sr-89 has not undergone excessive decay relative to Sr-90. For information, the Sr-89 activity in the above sample was 1.9 E-05 micro-Curies/milli-liter on January 11, 1987 with an uncertainty of 51%, which is not acceptable.

