

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8306160335 DOC. DATE: 83/06/10 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 AUTHOR AFFILIATION
 UHRIG, R.E. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 VARGA, S.A. Operating Reactors Branch 1

SUBJECT: Forwards response to 830422 request for addl info re
 Criteria 2, 10 & 11 of NUREG-0737, Item II.B.3, "Post-Accident
 Sampling." Interim core damage estimate guidelines will be
 submitted by 830630.

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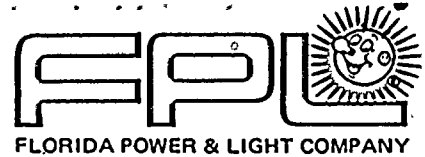
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June 10, 1983
L-83-358

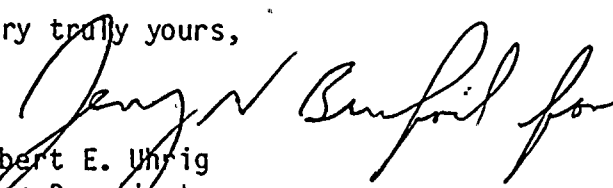
Office of Nuclear Reactor Regulation
Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Varga:

Re: Turkey Point Units 3 & 4
Docket Nos. 50-250 & 50-251
Post TMI Requirements
Post-Accident Sampling System

Your letter of April 22, 1983 requested that Florida Power & Light Company supply the staff with additional information concerning criteria two, ten, and eleven of Item II.B.3 of NUREG-0737. Attached to this letter is our response to your request.

Very truly yours,


Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/PKG/js

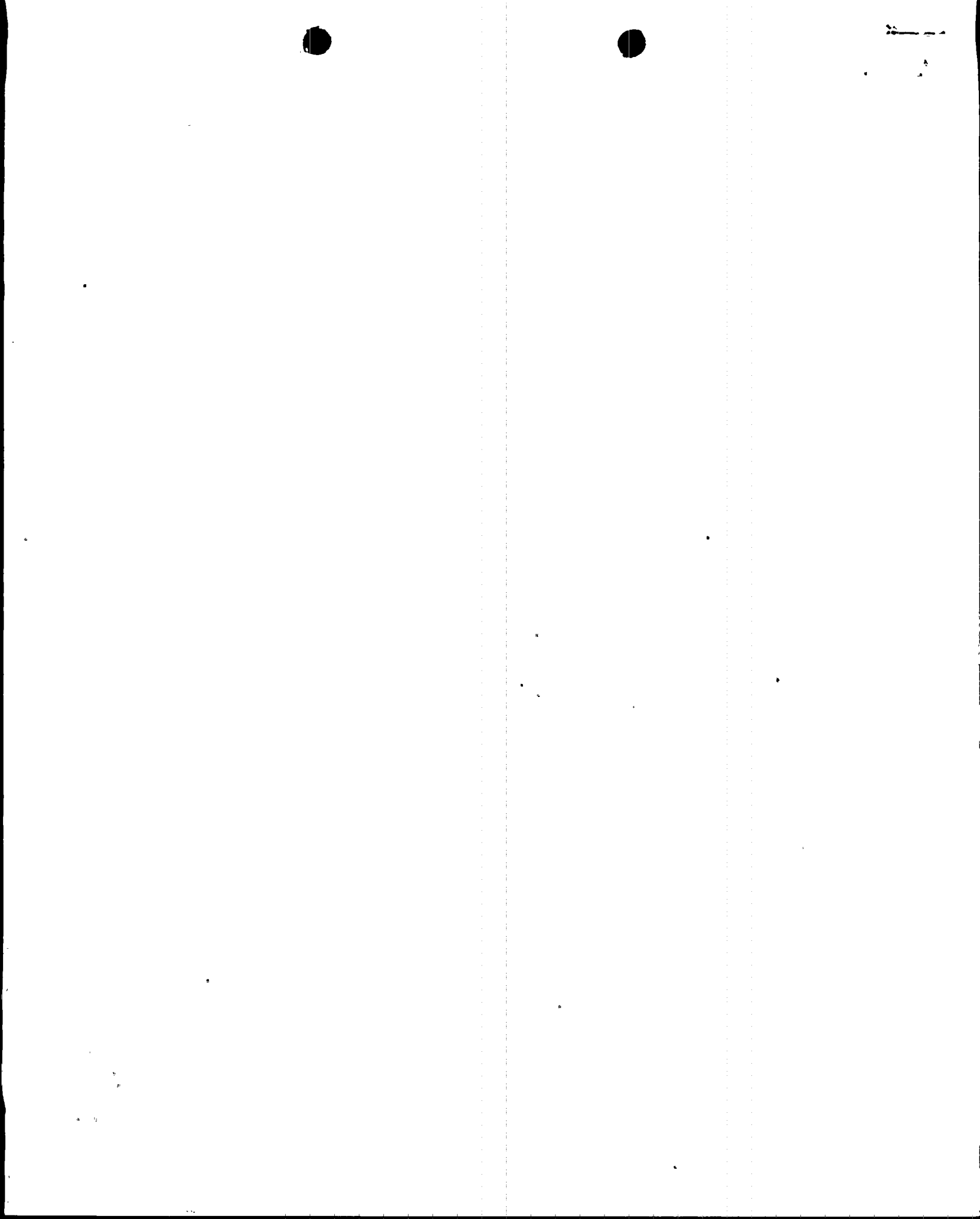
Attachment

cc: J. P. O'Reilly, Region II
Harold F. Reis, Esquire

(L-3)

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ATTACHMENT

RE: TURKEY POINT UNITS 3 & 4
DOCKET NOS. 50-250 & 50-251
POST-TMI REQUIREMENTS
POST-ACCIDENT SAMPLING SYSTEM

RESPONSE TO DRAFT SAFETY EVALUATION OF NUREG-0737
ITEM II.B.3 POST-ACCIDENT SAMPLING
FOR TURKEY POINT PLANT UNITS 3 & 4

Criterion (2)

Florida Power & Light Company is participating with the Westinghouse Owners Group (WOG) to develop a final core damage assessment procedure which will be applicable to Turkey Point Units No. 3 and 4. A detailed schedule for this development effort was presented to NRC in Pittsburgh on April 28, 1983. In the interim, it was proposed that licensees would provide core damage assessment guidelines by June 30, 1983.

FPL intends to submit interim core damage estimate guidelines to you by June 30, 1983.

The Post Accident Sampling System will use an Orion Chloride Analyzer. The accuracy of the chloride analyzer is as follows:

$>1.0 \text{ ppm} \pm 5\% \text{ of full scale}$

$<1.0 \text{ ppm} \pm .05 \text{ ppm}$

Criterion (10)

The ability of the Turkey Point Unit 3 & 4 on line Post Accident Sampling System (PASS) to operate in the Standard Test matrix has been discussed with the PASS System vendor. The vendor has indicated that the on-line instrumentation will perform within the range and accuracy specified in RG 1.97 Rev. 2 in the test matrix environment. The vendor has been requested to provide documentation of this information by June 30, 1983. The documentation, when received, will be maintained in a file on-site and will be made available to NRC inspectors upon request.

Responsibility for sampling the reactor coolant system and containment atmosphere following an accident is assigned to the Turkey Point Nuclear Chemistry Department. Each of the chemistry technicians currently assigned to the Nuclear Chemistry Department has completed initial training in the operation of the Turkey Point Unit 3 & 4 PASS. In as much as the Turkey Point 3 & 4 Post Accident Sampling System is designed to be used routinely to collect normal reactor coolant and containment atmosphere samples, exception is taken to the semi-annual training requirement. Instead, refresher training of each "qualified" operator is proposed to be conducted at least annually. New personnel, whose duties include sampling of primary systems, would receive initial training within 60 days from the time of such assignment.

Criterion (11).

The PASS atmosphere sample lines for each containment are not heat traced. The original designer did not consider heat tracing to be essential in meeting the original NUREG requirements. Based on the current design and the NUREG's implicit requirements, we have requested our engineering department to furnish a design for heat tracing of these sample lines. It is our intent to provide you with a schedule for installation of the heat tracing by August 31, 1983.

