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50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
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WILLIAMS,J.W. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
VARGA,S.A. Operating Reactors Branch 1

SUBJECT: Forwards updated status of inadequate core cooling instrumentation sys implementation, in response to NRC 841214 request re TMI Item II.F.2.

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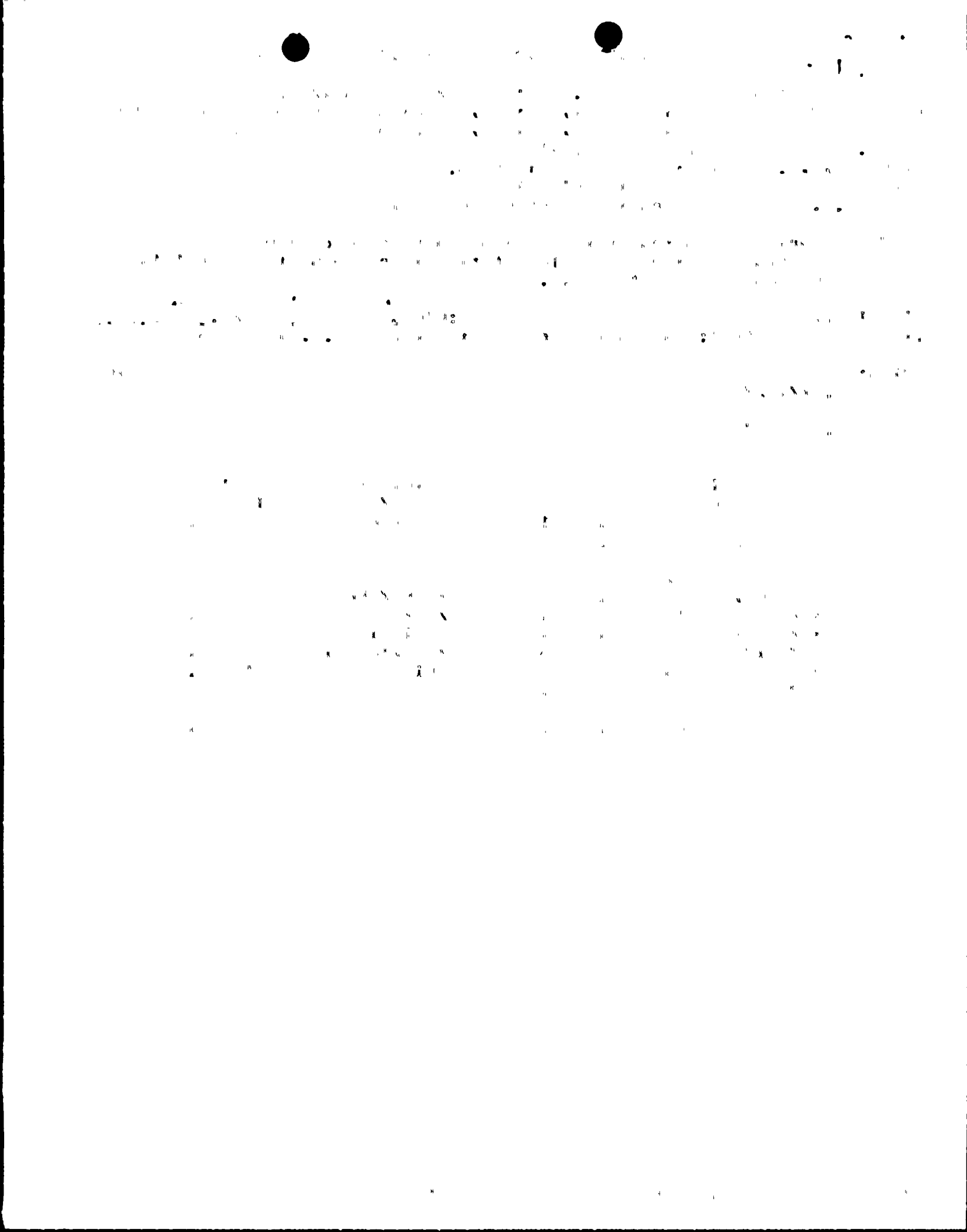

P. O. BOX 14000, JUNO BEACH, FL 33408

FLORIDA POWER & LIGHT COMPANY

January 16, 1985
L-85-20

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
Inadequate Core Cooling Instrumentation (ICCI) System
NUREG-0737, Item II.F.2
NRC TAC Nos. 45176 & 45177

The attached information is submitted in response to your December 14, 1984 letter which requested that FPL provide an updated status of the Turkey Point Units 3 & 4 ICCI implementation. This information supplements that included in our September 28, 1984 letter to you.

Should you or your staff have any questions regarding this information, please call us.

Yours very truly,

D. N. Paderanga Jr.
for J. W. Williams, Jr.
Group Vice President
Nuclear Energy

JWW/TCG/kgn

Attachment

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

A002
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Turkey Point Units 3 and 4
Inadequate Core Cooling Instrumentation
(ICCI) System Implementation

The following updates or supplements the information included in FPL's September 20, 1984 submittal (L-84-239) regarding ICCI Implementation.

1. Installation of the interconnecting cable from QSPDS to SAS will be made in conjunction with SPDS implementation scheduled to be completed during the upcoming refueling outages for Turkey Point Units 3 and 4.

2. The MI cable/connector qualification test reports were received from Combustion Engineering on November 30, 1984 and are now being reviewed by FPL and Bechtel.

3. The following plant emergency operating and offnormal operating procedures have been revised to reflect the ICCS system installation. The revisions are consistent with the technical content of the NRC approved Westinghouse Owners Group Emergency Response Guidelines. Issue of the procedures and implementation has been delayed due to the large number of other procedures currently being revised by the plant staff. Implementation of these procedures is now expected to be completed by January 25, 1985.

EOP	20000	(E-0) Immediate Actions and Diagnostics
EOP	20001	(E-1) Loss of Reactor Coolant
EOP	20002	(E-2) Loss of Secondary Coolant
EOP	20003	(E-3) Steam Generator Tube Rupture
EOP	20004	Loss of Offsite Power
EOP	20007	Loss of All A-C Power
ONOP	1008.2	Excessive Reactor Coolant System Leakage
ONOP	1008.3	Loss of Reactor Coolant Flow
ONOP	1008.7	Reactor Coolant System Natural Circulation
ONOP	1008.8	Unit 3 - Natural Circulation Cooldown
ONOP	1008.9	Unit 4 - Natural Circulation Cooldown
ONOP	1008.10	Response to Void in Reactor Vessel
ONOP	1208.1	Pressurizer Power Operated Relief System - (Reliefs and MOV's) - Malfunction

4. As discussed in enclosure, item 7, (2) to FPL letter L-84-239 dated September 20, 1984, the procedure walk-throughs to complete the task analysis portion of the ICCI System design will be done as part of the Task Analysis Upgrade Program (Detailed Control Room Design Review) and coordinated with the development and implementation of the procedures based on the approved Westinghouse Emergency Response Guidelines, which are scheduled to be completed by December 31, 1985. Specific task analyses

using the interim EOP's and ONOP's referred to above will not be done. Problems identified during their implementation will be resolved on a case by case basis. A systems function review and task analysis which included inadequate core cooling event sequences was performed as part of the Turkey Point Plant Units 3 and 4 Detailed Control Room Design Review and discussed in the Summary Report submitted to the NRC on November 1, 1983 (FPL letter L-83-547).

5. The hardware and software problems discussed during the audit are scheduled to be resolved by the end of the next refueling outage for each unit.

6. Proposed technical specifications for the ICCI System will be submitted by March 15, 1985. They will be based on the guidance provided in Generic Letter 83-37, the additional guidance in the December 14, 1984 NRC letter, and technical specifications for ICCI recently issued by the NRC.