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FILE NUMBER

TO: Mr. George Lear

FROM: FPL
Robert E. Uhrig
Miami, Fla. 33101

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5-13-76

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5-14-76

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DESCRIPTION Ltr re theri 4-21 & 5-10-76 ltrs...
furn info on the ECCS re-analysis performed
by the reactor vendor....

ENCLOSURE

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ACKNOWLEDGED

PLANT NAME: Turkey Pt. Unit 4

SAFETY

FOR ACTION/INFORMATION

ENVIRO

DHL 5-15-76

ASSIGNED AD :

ASSIGNED AD :

BRANCH CHIEF :

BRANCH CHIEF :

PROJECT MANAGER:

PROJECT MANAGER :

LIC. ASST. :

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(6) LEAR
Elliott
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INTERNAL DISTRIBUTION

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HANAUER	SIHWEIL	STELLO	STEPP
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		OPERATING TECH	
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BOYD	ROSS	<input checked="" type="checkbox"/> SHAO	VOLLMER
P. COLLINS	NOVAK	<input checked="" type="checkbox"/> BAER	BUNCH
HOUSTON	ROSZTOCZY	<input checked="" type="checkbox"/> SCHWENCER	<input checked="" type="checkbox"/> J. COLLINS
PETERSON	CHECK	<input checked="" type="checkbox"/> GRIMES	KREGER
MELTZ			
HELTEMES	AT & I	SITE SAFETY & ENVIRO	
SKOVHOLT	SALTZMAN	ANALYSIS	
	RUTBERG	DENTON & MULLER	

EXTERNAL DISTRIBUTION

CONTROL NUMBER

<input checked="" type="checkbox"/> LPDR: Miami, Fla.	NATL LAB	BROOKHAVEN NATL LAB
<input checked="" type="checkbox"/> TIC	REG. V-IE	ULRIKSON(ORNL)
<input checked="" type="checkbox"/> NSIC	LA PDR	
ASLB	CONSULTANTS	
<input checked="" type="checkbox"/> ACRS 16 SENT	TO L.A.	

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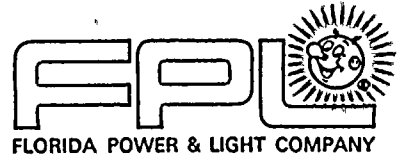
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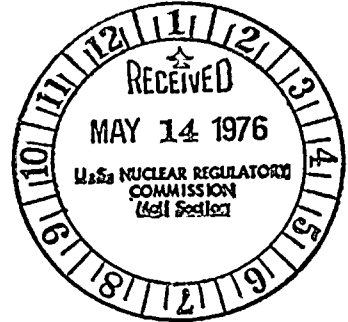
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May 13, 1976
L-76-188

Regulatory Docket File



Director of Nuclear Reactor Regulation
Attention: Mr. George Lear, Chief
Operating Reactors Branch #3
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Lear:

Re: Turkey Point Unit 4
Docket No. 50-251
Additional Reload Information

Florida Power and Light Company is submitting the following information to supplement our letters of April 21 and May 10, 1976.

An ECCS re-analysis performed by the reactor vendor has shown that for Unit 4, Cycle 3, the Region 4 fuel, with an internal gas pressure of 465 psia, is the limiting region. The peak clad temperature for this region for a power level of 2300 MW_t is calculated at 2160°F. This value is within 10°F of the 2150°F peak clad temperature obtained in the ECCS analysis for Turkey Point submitted by Florida Power & Light Company to the Regulatory Staff on March 10, 1975 and therefore falls within the 20°F deviation permitted by the Appendix K ECCS criteria.

The effect of steam generator tube plugging is estimated to add 36°F to the calculated peak clad temperature. This brings the peak clad temperature for Turkey Point Unit 4, Cycle 3, operating at 2300 MW_t, to 2196°F which is still below the allowable limit of 2200°F. During this cycle the plant will not operate above 2200 MW_t, so the margin will actually be larger than indicated by these calculations.

Very truly yours,

Robert E. Uhrig
for Robert E. Uhrig
Vice President

MAS/ec

cc: Mr. Norman C. Moseley
Jack R. Newman, Esquire

4896

