

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO: Mr. Victor Stello		FROM: Florida Power & Light Company Miami, Florida Mr. Robert E. Uhrig		DATE OF DOCUMENT 12/9/76
<input checked="" type="checkbox"/> LETTER <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> COPY		<input type="checkbox"/> NOTORIZED <input checked="" type="checkbox"/> UNCLASSIFIED		DATE RECEIVED 12/9/76
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DESCRIPTION

Ltr. w/attached errata sheet....re our 6/17/76 and 12/3/76 orders...trans the following:

**DO NOT REMOVE**  
**ACKNOWLEDGED**

(3-P)

PLANT NAME:  
Turkey Point Units 3 & 4

ENCLOSURE

Concerns re-evaluation of ECCS cooling performance calculated in accordance with an approved Westinghouse Evaluation Model, with appropriate corrections for upper head water temperature.

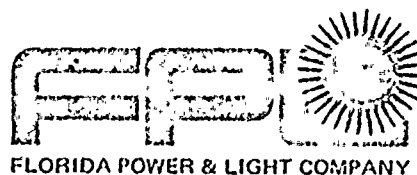
(60-P)

SAFETY		FOR ACTION/INFORMATION		ENVIRO	12/10/76	R.H.
ASSIGNED AD:				ASSIGNED AD:		
<input checked="" type="checkbox"/> BRANCH CHIEF:	Lear (6)			BRANCH CHIEF:		
<input checked="" type="checkbox"/> PROJECT MANAGER:	Elliott			PROJECT MANAGER:		
<input checked="" type="checkbox"/> LIC. ASST. :	Parrish (Lm.)			LIC. ASST. :		
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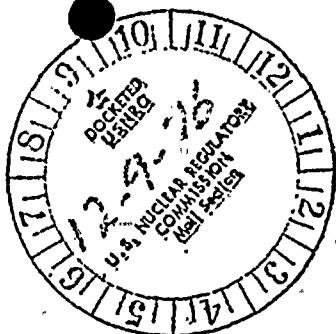
INTERNAL DISTRIBUTION			
<input checked="" type="checkbox"/> REG FILE		SYSTEMS SAFETY	PLANT SYSTEMS
<input checked="" type="checkbox"/> NRC PDR		HEINEMAN	TEDESCO
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<input checked="" type="checkbox"/> CASE		KNIGHT	
HANAUER		SIRWEIL	OPERATING REACTORS
HARLESS		PAWLICKI	STELLO
			SITE SAFETY & ENVIRO ANALYSIS
PROJECT MANAGEMENT		REACTOR SAFETY	OPERATING TECH.
<input checked="" type="checkbox"/> BOYD	<input checked="" type="checkbox"/>	ROSS	EISENHUT
<input checked="" type="checkbox"/> P. COLLINS	<input checked="" type="checkbox"/>	NOVAK (3)	SHAO
<input checked="" type="checkbox"/> HOUSTON	<input checked="" type="checkbox"/>	ROSZTOCZY	BAER
<input checked="" type="checkbox"/> PETERSON		CHECK	BUTLER
<input checked="" type="checkbox"/> MELTZ			GRIMES
<input checked="" type="checkbox"/> HELTEMES		AT & I	
<input checked="" type="checkbox"/> SKOVHOLT		SAITZMAN	
		RUTBERG	
			SITE TECH.
			GAMILL
			STEPP
			HULMAN
			SITE ANALYSIS
			VOLLMER
			BUNCH
			J. COLLINS
			KREGER

EXTERNAL DISTRIBUTION			CONTROL NUMBER
<input checked="" type="checkbox"/> LPDR; Miami, Fla.	NAT. LAB;	BROOKHAVEN NAT. LAB.	T 12453 ECCS 1
<input checked="" type="checkbox"/> TIC:	REG V.IE	ULRIKSON (ORNL)	
<input checked="" type="checkbox"/> NSIC:	LA PDR		
<input checked="" type="checkbox"/> ASLB:	CONSULTANTS:		
<input checked="" type="checkbox"/> ACRS 16 CYS HOLDING/SENT	(at B. (12/10/76))		

1950-1951  
1952-1953



December 9, 1976  
L-76-419

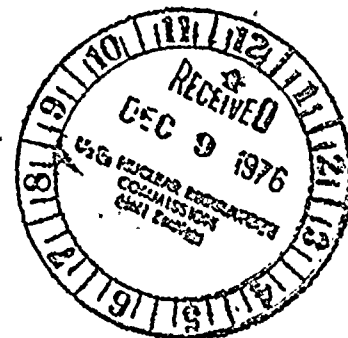


Office of Nuclear Reactor Regulation  
Attention: Mr. Victor Stello, Director  
Division of Operating Reactors  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Regulatory Docket File

Dear Mr. Stello:

Re: Turkey Point Units 3 & 4  
Docket Nos. 50-250 and 50-251  
ECCS Re-evaluation



In accordance with the June 17, 1976 and December 3, 1976 Orders for Modification of License issued by the Commission for Turkey Point Unit 4, Florida Power & Light Company hereby submits a re-evaluation of ECCS cooling performance calculated in accordance with an approved Westinghouse Evaluation Model, with appropriate corrections for upper head water temperature. The re-evaluation also includes the effects of (1) plugged steam generator tubes and (2) modifications to increase the water volume of the Safety Injection accumulators. The re-evaluation was performed using a rated power level of 2192 Mwt instead of the actual Technical Specification rated power level of 2200 Mwt.

Westinghouse Electric Corporation is now revising their calculations using 2200 Mwt and, when this is complete, change pages will be forwarded to you to bring the ECCS re-evaluation up to date.

The ECCS re-evaluation assumes a minimum accumulator water volume of 875 cubic feet, however, the actual minimum water volume for the remainder of core cycle 3 for Unit 4 will be 825 cubic feet. Modifications to increase the Unit 4 accumulator volume are planned for the Spring 1977 refueling outage. Modifications to increase the Unit 3 accumulator volume will be completed during the Fall 1976 refueling outage which is now in progress.

Core Cycle 3 parameters were used in the ECCS re-evaluation. Westinghouse Electric Corporation then compared Cycle 4 operation with Cycle 3 operation and concluded that Cycle 3 is

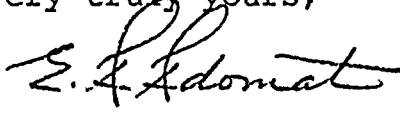
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Office of Nuclear Reactor Regulation  
Attention: Mr. Victor Stello, Director  
Page Two

more limiting than Cycle 4 with respect to ECCS performance. The comparison included consideration of the three Region 3 assemblies which will be reloaded into Unit 4 for Cycle 4 operation.

Proposed Technical Specification amendments incorporating the results of the ECCS re-evaluation will be submitted under separate cover letters.

Very truly yours,



*for* Robert E. Uhrig  
Vice President

REU/MAS/cpc

Attachment

cc: Mr. Norman C. Moseley  
Robert Lowenstein, Esquire