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TO: B.C. RUSCHE

FROM FLORIDA POWER & LIGHT CO.
MIAMI, FLORIDA
R.E. UHRIG

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DESCRIPTION LTR. RE. OUR 5-21-76 LTR...
LTR. TRANS THE FOLLOWING.....

ENCLOSURE
REACTOR VESSEL MATERIAL SURVEILLANCE AND FRACTURE
MECHANICS EVALUATIONS.....

(3 SIGNED CYS. RECEIVED)
(200 PAGES)

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: TURKEY PT. # 3 & 4

SAFETY

FOR ACTION/INFORMATION

ENVIRO

BAB 10-30-76

ASSIGNED AD:		ASSIGNED AD:
BRANCH CHIEF:	LEAR	BRANCH CHIEF:
PROJECT MANAGER:		PROJECT MANAGER:
LIC. ASST.:	PARRISH	LIC. ASST.:

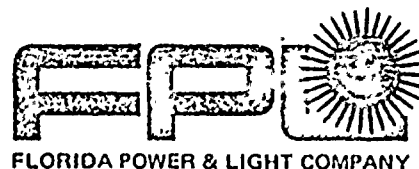
INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
<input checked="" type="checkbox"/> I & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
OELD		LAINAS	
GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
MIPC	MACCARRY	KIRKWOOD	ERNST
CASE	KNIGHT		BALLARD
<input checked="" type="checkbox"/> HANAUER	SIHWELL	OPERATING REACTORS	SPANGLER
<input checked="" type="checkbox"/> HARLESS	PAWLICKI	STELLO	
			SITE TECH.
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
BOYD	ROSS	EISENHUT	STEEP
P. COLLINS	NOVAK	SHAO	HULMAN
HOUSTON	ROSZTOCZY	BAER	
PETERSON	CHECK	BUTLER	SITE ANALYSIS
MEITZ		GRIMES	VOLLMER
HEITEMES	AT & I	<i>Hazelton</i>	BUNCH
SKOVHOLT	SALTZMAN		J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION

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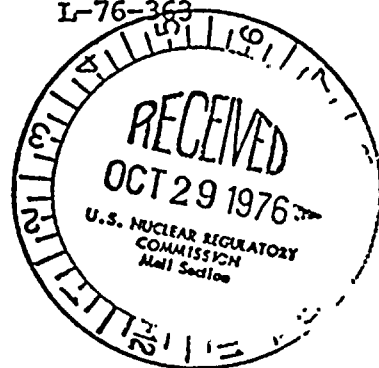
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ACKNOWLEDGED



October 19, 1976

L-76-363

Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



Dear Mr. Rusche:

Re: Turkey Point Units 3 & 4
Docket Nos. 50-250 and 50-251
Reactor Vessel Surveillance Capsules

Florida Power & Light Company hereby submits fifteen (15) copies of a summary technical report on the results of Turkey Point reactor vessel surveillance capsule fracture toughness tests. The report is being submitted in accordance with 10CFR Part 50, Appendix H (Reactor Vessel Material Surveillance Program Requirements) and Regulatory Guide 10.1 (Compilation of Reporting Requirements for Persons Subject to NRC Regulations).

The present report includes the Capsule T Analysis, Accident Analysis, Fracture Analysis and resultant Heatup/Cooldown Curves for Unit 3. It also contains the Capsule T Analysis and resultant Heatup/Cooldown Curves for Unit 4. Additional reports are being prepared by our NSSS vendor to summarize the Fatigue Analysis for Unit 3 and the Fatigue Analysis, Accident Analysis, and Fracture Analysis for Unit 4. When we have received and completed our review of these additional reports, they will be forwarded to your office.

The Heatup/Cooldown Curves for both Units were previously submitted to your staff in our letter L-76-199 dated May 21, 1976 (Proposed Amendment to Facility Operating Licenses DPR-31 and DPR-41).

Very truly yours,

Robert E. Uhrig
Vice President

REU/MAS:mew

Enclosures

cc: Jack R. Newman, Esq.

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