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TO: MR GEORGE LEAR

FROM: FLORIDA POWER & LIGHT CO  
MIAMI, FLA  
R E UHRIG

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DESCRIPTION  
LTR NOTORIZED 5-20-76....REF THEIR 4-8-76  
SUBMITTAL....REQUEST TO AMEND CHANGE TO  
TECHSPEC.....TRANS THE FOLLOWING.....

ENCLOSURE  
TABLE 4..1-2 SHEET 2 MINIMUM FREQUENCIES FOR  
EQUIPMENT AND SAMPLING TESTS AND MEMO ON  
SAFETY EVALUATION.....

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

PLANT NAME: TURKEY POINT 3 & 4

2 PG  
3 ENCL

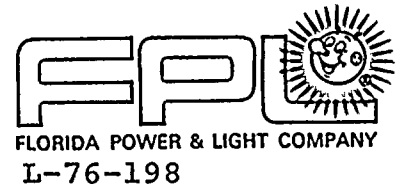
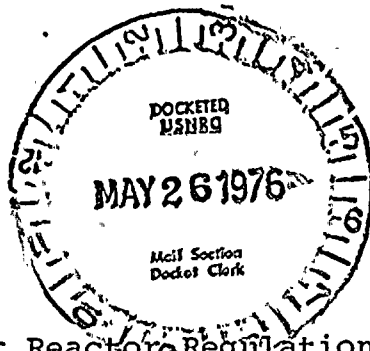
SAFETY		FOR ACTION/INFORMATION		ENVIRO 5-27-76 rkb	
ASSIGNED AD :		ASSIGNED AD :			
BRANCH CHIEF :	LEAR	BRANCH CHIEF :			
PROJECT MANAGER:		PROJECT MANAGER :			
LIC. ASST. :	(17) BARRISH	LIC. ASST. :			

INTERNAL DISTRIBUTION			
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OELD		LAINAS	SPANGLER
GOSSICK & STAFF	ENGINEERING	IPPOLITO	
MIRC	MACCARY		SITE TECH
CASE	KNIGHT	OPERATING REACTORS	GAMMILL
HANAUER	SINWELL	STELLO	STEPP
HARLESS	PAWLICKI		HULMAN
		OPERATING TECH	
PROJECT MANAGEMENT	REACTOR SAFETY	EISENHUT	SITE ANALYSIS
BOYD	ROSS	SHAO	VOLLMER
P. COLLINS	NOVAK	BAER	BUNCH
HOUSTON	ROSZTOCZY	SCHWENCER	J. COLLINS
PETERSON	CHECK	GRINES	KREGER
MELTZ			
HELTENES	AT & I	SITE SAFETY & ENVIRO	
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ACRS 16 HOLDING (SEPT)		

CONTROL NUMBER  
5305

Regulatory Docket File



May 20, 1976

Director of Nuclear Reactor Regulation  
 Attn: 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 Plant Units 3 and 4  
Docket Nos. 50-250 and 50-251  
Proposed Amendment to Facility  
Operating Licenses DPR-31 and DPR-41

In accordance with 10 CFR 50.30, Florida Power & Light Company submits herewith three (3) signed originals and forty (40) copies of a request to amend Appendix A of Facility Operating Licenses DPR-31 and DPR-41.

This submittal modifies our proposed technical specification relating to the surveillance of spent fuel cask crane interlocks at Turkey Point Units 3 and 4, submitted on April 8, 1976.

The proposed change is as described below and as shown in the accompanying technical specification page bearing the date of this letter in the lower right hand corner.

Table 4.1-2 Sheet 2.

Interim controls to be used in lieu of those crane interlocks not now installed have been added to Item 19.

In earlier correspondence (reference our letter to Mr. Karl R. Goller, dated January 10, 1975), Florida Power & Light Company stated that interlocks would be installed to prevent operating the cask crane over spent fuel prior to moving any spent fuel with the cask. Due to a longer than expected design period, these interlocks will not be available for the transfer of Unit 4 spent fuel to the Unit 3 spent fuel pit scheduled to commence June 7. It is felt that the proposed interim controls provide equal assurance that the cask crane hook will not be operated over spent fuel during the fuel transfer.

5305

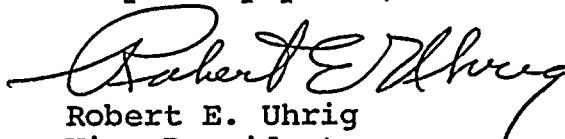
To: Mr. George Lear  
Re: Turkey Point Plant Units 3 and 4  
Proposed Amendment to Facility  
Operating Licenses DPR-31, DPR-41

May 20, 1976  
Page -2-

The crane interlocks will be installed and tested prior to the transfer of fuel from the Unit #3 spent fuel pit to the Unit 4 spent fuel pit scheduled to commence in June 1977.

The proposed amendment and safety evaluation are attached. The proposed amendment has been reviewed and the conclusion reached that it does not involve a significant hazards consideration; therefore, prenoticing pursuant to 10 CFR 2.105 should not be required.

Very truly yours,

  
Robert E. Uhrig  
Vice President

REU/GDW/hlc

Attachments

cc: Norman C. Moseley  
Jack R. Newman, Esq.

TABLE 4.1-2 SHEET 2

MINIMUM FREQUENCIES FOR EQUIPMENT AND SAMPLING TESTS

	<u>Check</u>	<u>Frequency</u>	<u>Maximum Time Between Tests</u>
19. Spent Fuel* Cask Crane Interlocks	Functioning	Within 7 days of using crane to lift spent fuel cask	7 days when crane is being used to maneuver spent fuel cask

\*Prior to June 1977, the following controls may be used in lieu of crane interlocks to prevent movement of the cask over spent fuel:

1. Indexing of the crane and trolley will be implemented.
2. Once properly positioned, the respective crane bridge and trolley drives will be de-energized as appropriate.
3. In addition, a mechanical bumper will be installed to limit trolley travel in the westward direction, such that movement of the spent fuel shipping cask over spent fuel is prevented.

## SAFETY EVALUATION

Spent fuel cask crane interlocks to prevent movement of the cask over spent fuel will not be installed prior to transferring spent fuel from the Unit 4 to the Unit 3 Spent Fuel Pit. Substitute controls have been developed to provide assurance that the cask will not be moved over spent fuel. These controls are summarized as follows:

1. With the trolley still over the "alley"\* the bridge will be positioned using tram marks such that the west end of the bridge is properly aligned over the fuel building opening.
2. The bridge drive will be de-energized.
3. The trolley would then be moved in the westerly direction until properly positioned above the cask loading area using its tram marks.
4. The trolley drive would then be de-energized. At this point the cask is properly positioned and only vertical movement of the crane hook is permitted.
5. Once loaded, the cask would be raised to clear the top of the spent fuel pool, the trolley drive re-energized, and the cask would be moved out of the fuel handling building.

With implementation of the above methods, the cask movements are positively controlled. Therefore, it is concluded that these methods provide satisfactory assurance that the cask movements can be conducted in a safe manner during the period that the limit switches are not installed. It is also concluded that the level of assurance for safe operation provided by these controls, is equal to that provided by the limit switches.

The proposed amendment (1) does not involve a significant hazards consideration because there is no adverse change in the probability or consequences of accidents or malfunctions of equipment important to safety and there is no reduction in the margin of safety as defined in the basis for any technical specification, and (2) provides reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner. Activities associated with this amendment will be conducted in compliance with the Commission's regulations. Issuance of this amendment will not be inimical to the common defense and security, or to the health and safety of the public.

\*Alley refers to the clear north-south passage that is located just east of the Unit Nos. 3 and 4 auxiliary building..

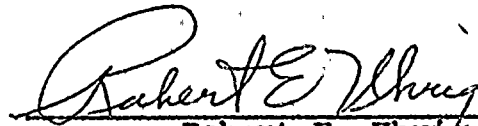


STATE OF FLORIDA )  
                          )     ss.  
COUNTY OF DADE    )

Robert E. Uhrig, being first duly sworn, deposes and says:

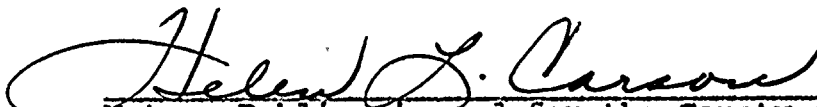
That he is a Vice President of Florida Power & Light Company,  
the Licensee herein;

That he has executed the foregoing document; that the state-  
ments made in this said document are true and correct to the  
best of his knowledge, information and belief, and that he is  
authorized to execute the document on behalf of said Licensee.

  
\_\_\_\_\_  
Robert E. Uhrig

Subscribed and sworn to before me

this 20<sup>th</sup> day of May, 1976

  
\_\_\_\_\_  
Notary Public, in and for the County of  
Dade, State of Florida

NOTARY PUBLIC STATE OF FLORIDA AT LARGE  
MY COMMISSION EXPIRES NOV. 30 1979  
BONDED THRU GENERAL INS. UNDERWRITERS

My commission expires: \_\_\_\_\_

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MEMORANDUM FOR THE RECORD  
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FOR THE RECORD

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FOR THE RECORD