

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8104270260 DUC DATE: 81/04/17 NOTARIZED: YES DOCKET #  
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250  
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251  
 AUTH. NAME: AUTHOR AFFILIATION  
 UHRIG, R.E. Florida Power & Light Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 EISENHUT, D.G. Division of Licensing

SUBJECT: Requests amends to Licenses DPR-31 & DPK-41 to specify scope of steam generator insp program, acceptance criteria & reporting requirements. Request supplements 810402 request.

DISTRIBUTION CODE: A001S COPIES RECEIVED: LTR 3 ENCL 3 SIZE: 5  
 TITLE: General Distribution for after Issuance of Operating License

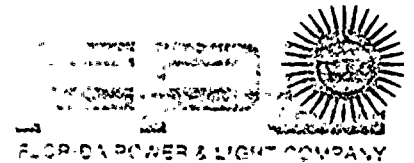
NOTES: W/CHECK: \$400.00

ACTION:	RECIPIENT ID CODE/NAME		COPIES		RECIPIENT ID CODE/NAME		COPIES	
			LTTR	ENCL			LTTR	ENCL
	VARGA, S.	04	13	13				
INTERNAL:	D/DIR, HUM	FAC08	1	1	DIR, DIV OF LIC		1	1
	I&E	06	2	2	NRC PDR	02	1	1
	OELD	11	1	0	OR ASSESS BR	10	1	0
	RAD ASMT BR		1	1	REG FILE	01	1	1
EXTERNAL:	ACRS	09	16	16	LPDR	03	1	1
	NSIC	05	1	1				

APR 28 1981

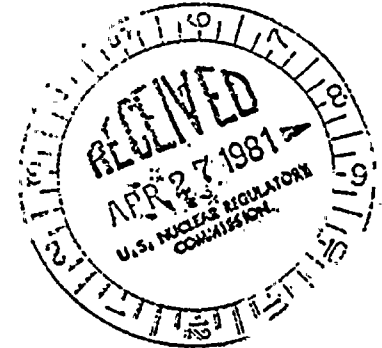
TOTAL NUMBER OF COPIES REQUIRED: LTTR 40 ENCL 38





April 17, 1981  
L-81-172

Office of Nuclear Reactor Regulation  
Attention: Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington D.C. 20555



Dear Mr. Eisenhut:

Re: Turkey Point Units 3 & 4  
Docket Nos. 50-250 and 50-251  
Proposed License Amendments  
Steam Generator Inspection

In accordance with 10 CFR 50.30, Florida Power & Light Company submits herewith three signed originals and forty copies of a request to amend Facility Operating Licenses DPR-31 and DPR-41. This request supplements our request of April 2, 1981 (L-81-144).

The proposed amendment is described below and shown on the accompanying pages bearing the date of this letter in the lower right hand corner.

DPR-31, page 3 & 4 and DPR-41, page 4

The License conditions have been modified to specify in the license the scope of the steam generator inspection program and acceptance criteria and the reporting requirements. This amendment is administrative in nature since it does not change the technical content of the inspection and plugging program.

The proposed amendment has been reviewed by the Turkey Point Plant Nuclear Safety Committee and the Florida Power & Light Company Nuclear Review Board. We have determined that since this request supplements the previous request but involves a duplicate amendment, the request should be classified as a Class I Amendment pursuant to 10 CFR 170. Accordingly, a check for \$400 is enclosed.

Very truly yours,

Robert E. Uhrig  
Vice President  
Advanced Systems and Technology

REU/JEM/mbd

Attachment

cc: Mr. James P. O'Reilly, Region II  
Harold F. Reis, Esquire

A001  
S  
3/3  
w/check:  
\$400.00

810427 0260  
P



B. Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 62 are hereby incorporated in the license. The licensee shall operate the facility in accordance with Technical Specifications..

C. Reports

FPL shall issue certain reports to the NRC in accordance with the requirements of the Technical Specifications.

D. Records

FPL shall originate and maintain facility operating records in accordance with the requirements of the Technical Specifications.

E. Steam Generator Inspections

1. After operation of six equivalent full power months from the last inspection of all three steam generators Turkey Point Unit 3 shall be brought to the cold shutdown condition and all three steam generators shall be inspected unless: (1) an inspection of the steam generators is performed within this period, or (2) an extension is granted by the NRC to authorize continued operation beyond the authorized period of operation. Any request for continued operation must be submitted at least 45 days prior to the expiration date of the authorized period of operation. For the purpose of this requirement, equivalent operation is defined as operation with the reactor coolant at a temperature greater than 350°F.
2. Reactor coolant to secondary leakage through the steam generator tubes shall be limited to 0.3 gpm per steam generator. With a steam generator tube leakage greater than this limit, the reactor shall be brought to the cold shutdown condition within 24 hours and an inspection of the leaking steam generator shall be performed.
3. The concentration of radioiodine in the reactor coolant shall be limited to 1.0 microcurie/gram during normal operation and to 30 microcuries/gram during power transients.
4. If primary to secondary leakage attributable to the denting phenomena is detected in 2 or more tubes during any 20 day period an inspection of the leaking steam generator shall be performed by the licensee.
5. The inspection and plugging results from 1, 2, or 4 above shall be submitted to the NRC no later than 14 days following the return to power operation. Any unusual results from the denting inspections shall be reported within 24 hours. If in the inspections performed under regulatory position C.5 of Regulatory Guide 1.83, more than 10% of the total tubes inspected have detectable wall penetration (>20%) or more than three of the tubes inspected exceed the plugging limit, the inspection results shall be reported within 24 hours.



6. The scope of the steam generator inspections (including eddy current, gauging and visual inspection) and tube plugging criteria shall be consistent with FPL letter L-80-412 dated December 18, 1980. The scope of the program shall be increased as appropriate to reflect operating experience and/or analysis.
  7. Prior to resumption of power operation following inspections per 1, 2, and 4 above the licensee shall perform a safety analysis per 10 CFR 50 Section 59.
- F. The licensee shall maintain in effect and fully implement all provisions of the Commission-approved physical security plan, including amendments and changes made pursuant to the authority of 10 CFR 50.54 (p). The approved security plan documents, withheld from public disclosure pursuant to 10 CFR 2.790(d), collectively titled "Turkey Point Plant Unit Nos. 3 and 4 physical Security Plan", dated October 18, 1979, as supplemented February 20, 1979.
- G. The licensee may proceed with and is required to provide a schedule for and to complete the modifications identified in Paragraphs 3.1.1 through 3.1.19 of the NRC's Fire Protection Safety Evaluation, dated March 21, 1979 for the facility. These modifications are to be completed prior to December 1980. If any modifications cannot be completed on schedule the licensee shall submit a report explaining the circumstances together with a revised schedule.

In addition, the licensee shall submit the additional information identified in Sections 3.1 and 3.2 of the related Safety Evaluation in accordance with the schedule contained therein. In the event these dates for submittal cannot be met, the licensee shall submit a report explaining the circumstances, together with a revised schedule.

The licensee is required to develop and implement the administrative controls which are consistent with the licensee's letters of August 28 and November 7, 1978 within three months from the date of this amendment.

H. Safeguards Contingency Plan

The licensee shall fully implement and maintain in effect all provisions of the Commission-approved Safeguards Contingency Plan, including amendments and changes made pursuant to the authority of 10 CFR 50.54(p). The approved Contingency Plan consists of documents withheld from public disclosure pursuant to 10 CFR 2.790(d) and identified as "Turkey Point Plant Safeguards Contingency Plan" dated June 17, 1980 and submitted pursuant to 10 CFR 73.40. The Contingency Plan shall be fully implemented, in accordance with 10 CFR 73.40(b), within 30 days of this approval.

4/17/81

1. After operation of six equivalent full power months from the last inspection of all three steam generators, Turkey Point Unit 4 shall be brought to the cold shutdown condition and all three steam generators shall be inspected unless" (1) an inspection of the steam generators is performed within this period, or (2) an extension is granted by the NRC to authorize continued operation beyond the authorized period of operation. Any request for continued operation must be submitted at least 45 days prior to the expiration date of the authorized period of operation. For the purpose of this requirement, equivalent operation is defined as operation with the reactor coolant at a temperature greater than 350°F.
2. Reactor coolant to secondary leakage through the steam generator tubes shall be limited to 0.3 gpm per steam generator. With a steam generator tube leakage greater than this limit, the reactor shall be brought to the cold shutdown condition within 24 hours and an inspection of the leaking steam generator shall be performed.
3. The concentration of radioiodine in the reactor coolant shall be limited to 1.0 microcurie/gram during normal operation and to 30 microcuries/gram during power transients.
4. If primary to secondary leakage attributable to the denting phenomena is detected in 2 or more tubes during any 20 day period an inspection of the leaking steam generator shall be performed by the licensee.
5. The Metal Impact Monitoring System (MIMS) shall be continued in operation with the capability of detecting loose objects. If the MIMS is out of service in other than cold shutdown or refueling mode of operation, this fact shall be reported to the NRC. Any abnormal indications from the MIMS shall also be reported to the NRC by telephone by the next working day and by a written evaluation within two weeks.
6. Following each startup from below 350°F, core barrel movement shall be evaluated using Neutron Noise Technique.
7. The inspection and plugging results from 1, 2, or 4 above shall be submitted to the NRC no later than 14 days following the return to power operation. Any unusual results from the denting inspections shall be reported within 24 hours. If, in the inspections performed under regulatory position C.5 of Regulatory Guide 1.83, more than 10% of the total tubes inspected have detectable wall penetration (>20%) or more than three of the tubes inspected exceed the plugging limit, the inspection results shall be reported within 24 hours.
8. The scope of the steam generator inspections (including eddy current, guaging and visual inspection) and tube plugging criteria shall be consistant with FPL letter L-80-412 dated December 18, 1980. The scope of the program shall be increased as appropriate to reflect operating experience and/or analysis.
9. Prior to resumption of power operation following inspections per 1, 2, and 4 above the licensee shall perform a safety analysis per 10 CFR 50 Section 59.

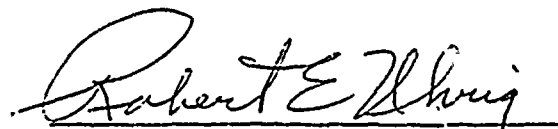


STATE OF FLORIDA     )  
                              )  
COUNTY OF DADE       )           ss.

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

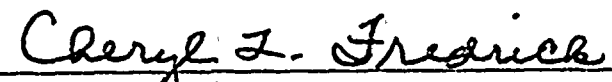
That he is a Vice President of Florida Power & Light Company,  
the Licensee herein;

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

17 day of April, 1981

  
NOTARY PUBLIC, in and for the county of Dade,  
State of Florida

My commission expires: Notary Public, State of Florida at Large  
My Commission Expires October 31, 1983  
Bonded thru Meynard Bonding Agency

