

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8108040319 DOC. DATE: 81/07/30 NOTARIZED: NO DOCKET #
 FACIL: 50-251 Turkey Point Plant, Unit 4, Florida Power and Light Co 05000251
 AUTH. NAME: AUTHOR AFFILIATION
 UHRIG, R.E. Florida Power & Light Co.
 RECIP. NAME: RECIPIENT AFFILIATION
 EISENHUT, D.G. Division of Licensing

SUBJECT: Application for amend to License DPR-41 to authorize
 facility operation for addl two equivalent full power months
 prior to performing next steam generator insp.

SEE Rpt. # 8104060572

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 TITLE: General Distribution for after Issuance of Operating License

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	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	NTIS		1	1

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1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

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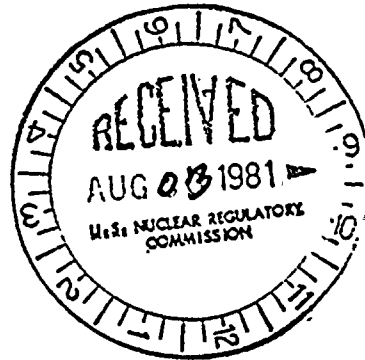


July 30, 1981
L-81-329

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 Unit 4
Docket No. 50-251
Steam Generator Inspection



In response to our letter of May 27, 1981 (L-81-227), the Commission issued Amendment No. 62 to Facility Operating License No. DPR-41 for Turkey Point Unit 4, authorizing continued operation for eight equivalent full power months from January 13, 1981. Our May 27 letter had requested authorization to operate for ten equivalent full power months prior to performing the next steam generator inspection.

On December 18, 1980 (L-80-412), Florida Power and Light Company submitted the results of the last steam generator inspection and preventive tube plugging performed for Turkey Point Unit 4. The steam generators were last inspected in November, 1980. The NRC Staff reviewed the results and the preventative plugging and issued Amendment 54 authorizing operation for six equivalent full power months. Unit 4 was returned to service on January 13, 1981.

The steam generator inspection and preventive plugging program was developed by FPL and our NSSS vendor in 1976 and 1977. On June 9, 1977 (L-77-173), we submitted information that demonstrated the inspection and plugging program would ensure protection of public health and safety during normal operation and postulated accident conditions. The program has been used successfully at Turkey Point in the subsequent four years since June, 1977 to prevent tube leakage and assure continued safe operation.

In January, 1979, the original six month program was expanded to provide for a ten month operating interval. The expanded program consists of the original inspection and plugging criteria and includes additional plugging criteria to increase the conservatism of the six month program. The expanded program results in more tubes plugged beyond those required for a six month operating interval.

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The ten month program has been implemented in five inspections, including the current operating intervals for Units 3 and 4. The Staff approved and the units were subsequently operated for two, operating intervals of 10 months each and an 8-1/2 month interval (only 8-1/2 months were requested). Unit 3 has experienced one forced outage since July 1978 due to steam generator tube leaks (source of leakage was leaking plugs, not a new tube leak). Unit 4 has operated since February 1978 with no forced shutdowns due to steam generator tube leaks. Unit 4 is presently operating with slight leakage in the B steam generator. This leakage has been relatively constant and significantly below the allowable .3 gpm limit (i.e., less than .01 gpm). To date the leakage behavior is consistent with past experiences with "weeping" plugs.

The inspection program is described in the last inspection report (Attachment A). The program included denting inspections in the hot and cold legs of all steam generators, flow slot measurements, small radius U-bend inspections, Regulatory Guide 1.83 inspections in the hot and cold legs of all three steam generators, and preventive plugging for ten months. In addition to normal operating conditions, the worst case accident condition, i.e. the main steam line break, was analyzed to justify continued operation in excess of ten months. The level of steam generator tube plugging, which is currently 23.8%, is conservatively bounded by the 28% ECCS analysis, recently approved by the staff.

During the Staff review of the inspection report (Attachment A), additional information was requested regarding the tube wastage in steam generator B. On February 27, 1981 (Attachment B), we submitted the requested information. With respect to tube wastage, this analysis supports a minimum operating interval in excess of 14 months.

The extensive inspections and conservative level of preventing plugging performed during the last outage, the submitted tube wastage information, analyses of postulated accident conditions, and operating restrictions provided by existing license conditions, ensure safe plant operation for a period in excess of ten months, and continue to assure protection of the public health and safety.

Due to a recent failure of the Turkey Point Unit 3 electrical generator and Commission issuance of Amendment No. 69, for Turkey Point Unit 3 on June 24, 1981, the steam generator repair program for Turkey Point Unit 3 is in progress. Unit 3 will be out of service until early 1982. This situation combined with the Unit 4 steam generator inspection outage scheduled for September, would place the reserves in southeast Florida at an unacceptably low level of 12.8%. (See Attachment C). The continued operation of Turkey Point Unit 4 would raise our southeast Florida reserves to an acceptable level.

Accordingly, we request the Unit 4 be authorized to operate for an additional two equivalent full power months prior to performing the next steam generator inspection. The inspections and preventive plugging conducted during the last inspection justify continued operation for a ten month operating interval.

Mr. Darrell Eisenhut, Director
Page 3

Furthermore, the conservatism in the inspection and plugging program (as evidenced by past experience), the analyses presented in the attachments, and the existing license conditions assure the protection of public health and safety.

The original request for an additional four equivalent full power months of operation has been reviewed and approved by the Plant Nuclear Safety Committee and the Company Nuclear Review Board.

As this request falls within the period originally sought in the May 27, 1981 request for extended operation, wherein it was determined that a Class III fee was proper and forwarded in accordance with 10 CFR 170, no further fees are enclosed.

Very truly yours,



Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/DAC/ras

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

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION: NBR: 8108040319 DOC. DATE: 81/07/30 NOTARIZED: NO DOCKET # 05000252
 FACIL: 50-252 Univ. of New Mexico Research Reactor
 AUTH. NAME: AUTHOR AFFILIATION
 UHRIG, R. E. Florida Power & Light Co.
 RECIP. NAME: RECIPIENT AFFILIATION
 EISENHUT, D. G. Division of Licensing

50-257

SUBJECT: Application for amend to License DPR-41 to authorize facility operation for addl two equivalent full power months prior to performing next steam generator insp.

SEE Repts. # 8104060 572

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NOTES:

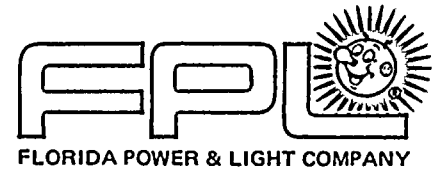
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	NSIC	05	1	1	NTIS	1	1

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A black and white photograph of a large, multi-story building with a complex facade, featuring many windows and architectural details. The building appears to be a government or institutional structure. The photo is taken from a low angle, looking up at the building.

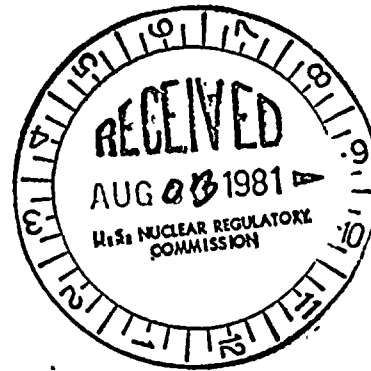


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1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud.

2. The second part of the document outlines the specific procedures for recording transactions. It details the steps involved in the accounting cycle, from identifying the transaction to posting it to the appropriate ledger account.

3. The third part of the document discusses the role of the auditor in verifying the accuracy of the records. It describes the various techniques used by auditors to test the reliability of the data and to ensure that the financial statements are presented fairly.

4. The fourth part of the document addresses the issue of internal controls. It explains how a well-designed system of internal controls can help to minimize the risk of errors and to ensure that the organization's assets are protected.

5. The fifth part of the document discusses the importance of transparency and accountability in financial reporting. It argues that organizations should be open and honest about their financial performance and should provide clear and concise information to their stakeholders.

6. The sixth part of the document discusses the role of the government in regulating the financial system. It describes the various laws and regulations that govern the behavior of financial institutions and the consequences of non-compliance.

7. The seventh part of the document discusses the importance of ethical behavior in the financial industry. It argues that financial professionals should always act in the best interests of their clients and should avoid any conflicts of interest.

8. The eighth part of the document discusses the role of the media in financial reporting. It describes how the media can help to disseminate financial information and to hold financial institutions accountable for their actions.

9. The ninth part of the document discusses the importance of ongoing education and training for financial professionals. It argues that the financial industry is constantly evolving and that professionals must stay up-to-date on the latest developments.

10. The tenth part of the document discusses the importance of collaboration and communication between financial institutions and other stakeholders. It argues that a coordinated effort is needed to ensure the stability and integrity of the financial system.

Furthermore, the conservatism in the inspection and plugging program (as evidenced by past experience); the analyses presented in the attachments, and the existing license conditions assure the protection of public health and safety.

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Vice President
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Harold F. Reis, Esquire

