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ACCESSION NBR: 7902260430 DOC. DATE: 79/02/16 NOTARIZED: NO DOCKET #  
 FACIL: 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  
 STELLO, V. DIVISION OF OPERATING REACTORS

SUBJECT: FORWARDS REQUEST TO AMEND DPR-41. PROPOSED AMEND WOULD  
 POSTPONE STEAM GENERATOR INSP FOR 10 DAYS.

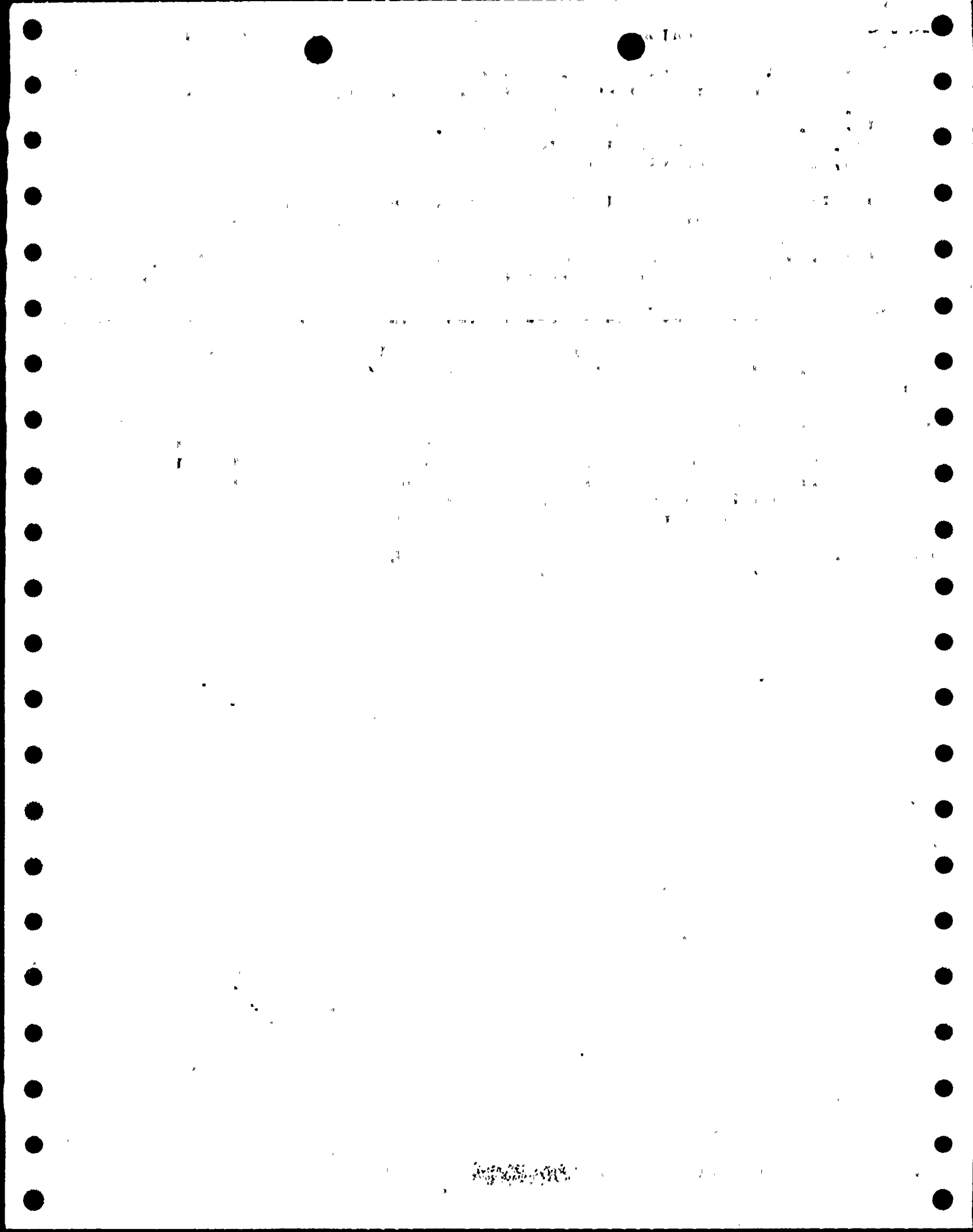
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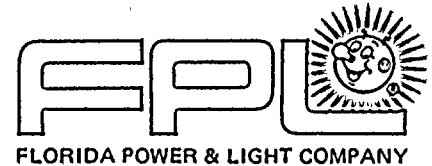
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February 16, 1979  
L-79-39

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

Dear Mr. Stello:

Re: Turkey Point Unit 4  
Docket No. 50-251  
Operating License 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 Facility Operating License DPR-41. The proposed amendment to Section 3.D.1 of Operating License DPR-41 would require that the Unit 4 steam generator inspection be postponed 10 days. We are requesting this amendment to help ensure system reliability, and to increase operating flexibility. FPL may not have to utilize the entire extension; however, this contingency is necessary in order to provide sufficient time to ensure that Unit 3 is reliably in service prior to removing Unit 4 from service.

The proposed change to the Operating License is described in the following paragraph:

STEAM GENERATOR OPERATION

1. Turkey Point Unit 4 shall be brought to the cold shutdown condition in order to perform an inspection of the steam generators after six equivalent months and 10 equivalent days of Cycle 5 operation from September 22, 1978. Nuclear Regulatory Commission (NRC) approval shall be obtained before resuming power operation following this inspection. For the purpose of this requirement, equivalent operation is defined as operation with a reactor coolant temperature greater than 350°F.

The preventive plugging program which has been implemented on Unit 4 has been judged to be overly conservative with respect to justifying a six-month operating interval. Since that time, empirical evidence (i.e., operating history at Turkey Point Units 3 and 4 and inspection results at Surry) has confirmed the current plugging pattern to be overly conservative and capable of providing for safe operations beyond the six effective operating months. Turkey Point Unit 4 has not been shutdown to repair a tube leak during the past five months of operation. No tube leakage has been detected during this period.

Acc'd  
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Director of Nuclear Reactor Regulation  
Attention: Mr. Victor Stello, Director  
Division of Operating Reactors

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Studies performed by our vendor and actual operating experience have shown that the denting phenomenon does not result in catastrophic tube failures. Tube failure due to the denting phenomenon is characterized by a slow increase in primary-to-secondary leakage. This leakage is easily detected allowing the unit to be shutdown and the leak repaired without exceeding any operating limits.

Significant degradation of the steam generators would be indicated by an increase in the frequency of tube leaks. The existing operating limits ensure that leakage rates remain low enough to assure safe and orderly shutdowns, and the required evaluations during shutdowns would provide assessment of current steam generator integrity, should leaks occur.

Turkey Point Unit 3 is scheduled to be on line on April 1, 1979, following a refueling and steam generator inspection. St. Lucie Unit 1 is scheduled to shutdown for refueling on April 1, 1979. Turkey Point Unit 4 is currently required to shutdown for steam generator inspection on April 4, 1979.

We have been operating Unit 4 at reduced power to avoid shutting down Unit 4 before Unit 3 could be returned to service. This amendment will provide additional assurance that Turkey Point Units 3 and 4 and St. Lucie Unit 1 will not need to be off line at the same time.

The Turkey Point Plant Nuclear Safety Committee and the Florida Power & Light Company Nuclear Review Board have reviewed this amendment request and have determined that it does not involve an unreviewed safety question.

Very truly yours,



Robert E. Uhrig  
Vice President

REU:GDW:RJA:cf  
Enclosures

cc: Robert Lowenstein, Esquire  
J. P. O'Reilly, Region II

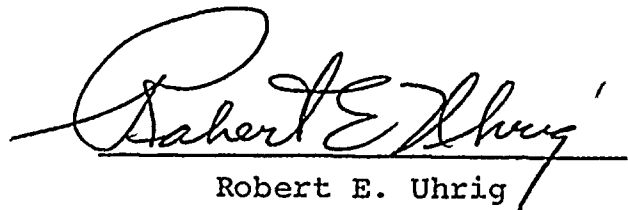


STATE OF FLORIDA     )  
                              )  
COUNTY OF DADE     )     SS.

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

16<sup>th</sup> day of February, 1978

Betty Brittain  
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 MARCH 27, 1982  
BONDED THRU MAYNARD BONDING AGENCY

