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 AUTH. NAME AUTHOR AFFILIATION  
 UHRIG, R. E. FLORIDA POWER & LIGHT CO.  
 RECIP. NAME RECIPIENT AFFILIATION  
 STELLO, V. DIVISION OF OPERATING REACTORS

SUBJECT: FORWARDS STEAM GENERATOR INSP PROGRAM. INSP SHOWED NO NEW PHENOMENA. VERIFIED GENERAL PATTERN OF DENTING IS WITHIN PREDICTABLE LIMITS. REQUESTS PERMISSION TO RETURN FACILITY TO POWER OPERATION.

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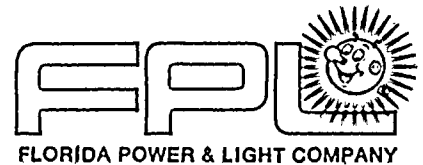
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May 18, 1979  
L-79-122

Office 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  
Steam Generator Inspections

The results of the Turkey Point Unit 4 steam generator inspections conducted during the current outage are attached. The inspections which were performed in accordance with Turkey Point Unit 4 operating license DPR-41 showed no new phenomena and verified that the general pattern of denting in Unit 4 is within predictable limits and consistent with previous inspections of the Turkey Point Units.

The general criteria applied for steam generator inspections and preventive plugging are the same as previously applied to Turkey Point Units 3 and 4, with an additional plugging criterion included to provide more conservatism. Additional tubes to provide in excess of 10 months of operation have been plugged. This approach provides reasonable assurance of steam generator tube integrity such that safe operation of the unit during normal full power operation and during hypothetical accident conditions is assured for an operating period in excess of 10 effective full power months. Therefore, the implementation of this program with the resulting preventive plugging, enables continued safe full power operation of Turkey Point Unit 4 for a period in excess of 10 months.

Total steam generator tube plugging at the conclusion of the current outage will be approximately 20.6%. This is conservatively bounded by the 25% tube plugging ECCS analysis which has been previously submitted and the 22% tube plugging ECCS analysis which we plan to submit shortly.

The results of this inspection and the preventative tube plugging program have been reviewed by the Turkey Point Plant Nuclear Safety Committee and the Florida Power & Light Company Nuclear Review Board. They have concluded that based on the inspection results, the implemented plugging pattern, and previously submitted analysis, that the return of Turkey Point Unit 4 to full power operation for at least 10 effective months does not involve an unreviewed safety question.

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Mr. Victor Stello, Director  
Division of Operating Reactors  
U. S. Nuclear Regulatory Commission

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In accordance with condition D1 of operating license DPR-41, Florida Power & Light Company requests permission to return Unit 4 to power operation. Based on our current schedule, we could be ready to resume power operation by June 1, 1979. We will keep you advised of any significant schedule changes.

Very truly yours,

*for E. J. Adomat*  
Robert E. Uhrig  
Vice President

REU:GDW:cf  
Attachment

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

