

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL.**

TO:  
Mr. Victor Stello

FROM:  
Florida Pwr. & Light Company  
Miami, Florida  
Robert E. Uhrig

DATE OF DOCUMENT  
9/20/77

DATE RECEIVED  
9/23/77

LETTER  
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**1 SIGNED**

DESCRIPTION

(2-P)

PLANT NAME: Turkey Point Units 3 & 4  
RJL 9/23/77.  
**DIST. PER R.J. CLARK 9/23/77**

ENCLOSURE

Consists of STEAM GENERATOR REPAIR REPORT which evaluates all safety related aspects of the repair effort..

(1")

SAFETY	FOR ACTION/INFORMATION	ENVIRONMENTAL
ASSIGNED AD: <b>K. GOLLER</b>	ASSIGNED AD: <b>V. MOORE (LTR)</b>	
BRANCH CHIEF: <b>G. LEAR</b>	BRANCH CHIEF: <b>G. KNIGHTON</b>	
PROJECT MANAGER: <b>R.J. CLARK ADV. 3 CYS.</b>	PROJECT MANAGER: <b>S. KIRSILIS</b>	
LICENSING ASSISTANT: <b>K. PARRISH</b>	LICENSING ASSISTANT:	
	<b>B. HARLESS</b>	

INTERNAL DISTRIBUTION			
<input checked="" type="checkbox"/> <b>REG FILES</b>	<b>SYSTEMS SAFETY</b>	<b>PLANT SYSTEMS</b>	<b>SITE SAFETY &amp; ENVIRON ANALYSIS</b>
<input checked="" type="checkbox"/> NRC PDR	<b>R. MATTSON</b>	<b>TEDESCO</b>	<input checked="" type="checkbox"/> <b>DENTON &amp; MULLER</b>
<input checked="" type="checkbox"/> T & E (2)	<b>SCHROEDER</b>	<b>BENAROYA</b>	<input checked="" type="checkbox"/> <b>CRITCHFIELD</b>
<input checked="" type="checkbox"/> <b>FIELD (SCINTO)</b>		<b>LAINAS</b>	
<b>GOSSICK &amp; STAFF</b>	<b>ENGINEERING</b>	<b>IPPOLITO</b>	
<b>HANAUER</b>	<b>KNIGHT</b>	<b>F. ROSA</b>	<b>ENVIRO TECH.</b>
<b>MYEC</b>	<b>BOSNAK</b>		<b>ERNST</b>
<b>CASE</b>	<b>STWELL</b>	<b>OPERATING REACTORS</b>	<b>BALLARD</b>
<b>BOYD</b>	<b>PAWLICKI</b>	<b>STELLO ADV. 2 CYS.</b>	<input checked="" type="checkbox"/> <b>YOUNGBLOOD</b>
		<b>ELSENHUT</b>	
<b>PROJECT MANAGEMENT</b>	<b>REACTOR SAFETY</b>	<b>SHAO</b>	<b>SITE TECH.</b>
<b>SKOVHOLT</b>	<b>ROSS</b>	<b>BAER</b>	<b>GAMMILL (2)</b>
<b>P. COLLINS</b>	<b>NOVAK</b>	<b>BUTLER</b>	
<b>HOUSTON</b>	<b>ROZYGNY</b>	<b>GRIMES (2)</b>	
<b>MELTZ</b>	<b>CHECK</b>		<b>SITE ANALYSIS</b>
<b>HELTEMES</b>			<b>VOLLMER</b>
<b>SK</b>	<b>AT&amp;T</b>		<input checked="" type="checkbox"/> <b>BUNCH</b>
	<b>SALTZMAN</b>		<input checked="" type="checkbox"/> <b>J. COLLINS</b>
	<b>RUTBERG</b>		<input checked="" type="checkbox"/> <b>KREGER</b>

EXTERNAL DISTRIBUTION			CONTROL NUMBER
<input checked="" type="checkbox"/> <b>LEDR</b>			<b>772660074</b>
<input checked="" type="checkbox"/> <b>TIC</b>	<b>NSIC</b>		
<input checked="" type="checkbox"/> <b>NAT LAB</b>			
<input checked="" type="checkbox"/> <b>REG IV (J. RANCHETT)</b>			
<input checked="" type="checkbox"/> <b>3 CYS ACRS SENT CATEGORY B</b>			



REGULATORY DOCKET FILE COPY

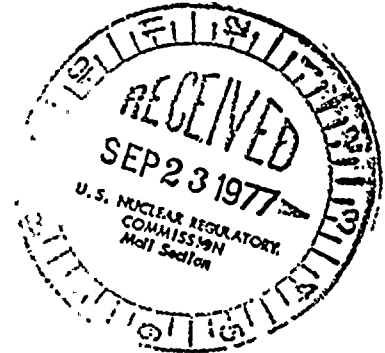


September 20, 1977  
L-77-296

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

Dear Mr. Stello:

Re: Turkey Point Units 3 & 4  
Docket Nos. 50-250 and 50-251  
Steam Generator Repair Report



During the past two years, Florida Power & Light Company has on occasion shut down Turkey Point Unit 4, and to a lesser extent Unit 3, for steam generator inspections and tube plugging. If the total number of steam generator tubes plugged continues to increase, it could become necessary to limit the output of the units. Accordingly, Florida Power & Light Company has determined that a loss in the generating capacity of the units may make it desirable to undertake a maintenance program to repair the Turkey Point Unit 3 and 4 steam generators.

Two alternate methods of repair are being considered: lower section replacement and in place retubing. The lower section replacement is described in some detail in the attached Steam Generator Repair Report, which is being forwarded to you for your information. In place retubing is still undergoing review. If retubing proves feasible and practical, we will supply a description of this alternative for your information.

The Turkey Point Plant Nuclear Safety Committee (PNSC) and the Florida Power & Light Company Nuclear Review Board (CNRB) have reviewed the steam generator repair described in the attached report. They have concluded that the repair of the steam generator is most appropriately classified as a repair and not an alteration or a change to the facility. However, since the repair involves minor modifications to steam generator internals to achieve state-of-the-art performance, evaluation of the modifications is required in accordance with 10 CFR 50.59. The PNSC and CNRB have concluded that these modifications are not safety-related, and do not involve an unreviewed safety question or a change in the facilities' Technical Specifications.

772660074

Office of Nuclear Reactor Regulation  
Attn: Mr. Victor Stello, Director  
Division of Operating Reactors

Page Two

The PNSC and CNRB have also reviewed this repair activity, in all aspects, and have concluded that it does not involve an unreviewed safety question and that a modification of the facilities' Technical Specifications is not required. The bases for this determination are provided in the attached report which evaluates all safety related aspects of the repair effort. Thus, this repair, in accordance with the provisions of 10 CFR 50.59, does not require prior NRC approval.

It is the responsibility of Florida Power & Light Company, as the holder of operating licenses for Turkey Point Units 3 and 4, to perform those repairs which it deems necessary for the continued safe and reliable generation of electric power for its customers. Since this repair requires substantial advance planning and involves a considerable cost, it is important that the NRC make early determinations with respect to any review it believes is required in this matter. Therefore, Florida Power & Light Company requests that the Nuclear Regulatory Commission Staff inform us what prior review, if any, they will require in this matter. This determination should be made by October 15, 1977, so as not to impact the earliest date we could commence the repair which is October 15, 1978.

Very truly yours,

*J. A. De Mastry*  
or

Robert E. Uhrig  
Vice President

REU/GDW:ltm  
Attachment

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