

**REGULATORY DOCKET FILE COPY**

SEPTEMBER 29 1980

Docket Nos. 50-250  
and 50-251

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Attorney, OELD

Dr. Robert E. Uhrig, Vice President  
Advanced Systems and Technology  
Florida Power and Light Company  
Post Office Box 529100  
Miami, Florida 33152

Dear Dr. Uhrig:

In our letter to you, dated February 25, 1980, we advised you of the keyway and bore cracks being found in the discs of low-pressure turbines manufactured by Westinghouse and used in nuclear power plants. We also recommended that the discs in the turbines of Turkey Point Units 3 and 4 be inspected by ultrasonic techniques to determine if keyway or bore cracks were present. It is our understanding that the rotors from both units have been removed and refurbished at the Westinghouse turbine facility in Charlotte, North Carolina since our February letter was issued. We request that you provide the results of the inspections performed prior to the refurbishment of these rotors, i.e., number, location, and depth of all keyway and bore cracks, if any. The staff is attempting to correlate the results of inspections of all low-pressure turbine discs with information provided by the vendors and users relative to fabrication and operation of these discs. Our goal is to identify the factors associated with initiation and propagation of cracks in the bore region of low-pressure turbines.

We appreciate your cooperation in this matter.

Sincerely,

Original signed by  
S. A. Varga.

Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

cc: See next page

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OFFICE	DL:ORB1	DL:ORB1	DL:ORB1			
SURNAME	WJ Ross	MGrotenhuis	SAVarga			
DATE	09/25/80	09/25/80	09/25/80			

THE UNIVERSITY OF CHICAGO

1950



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

September 29, 1980

Docket Nos. 50-250  
and 50-251

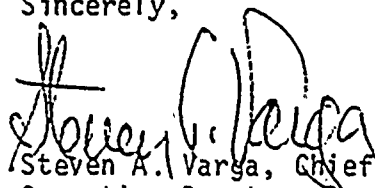
Dr. Robert E. Uhrig, Vice President  
Advanced Systems and Technology  
Florida Power and Light Company  
Post Office Box 529100  
Miami, Florida 33152

Dear Dr. Uhrig:

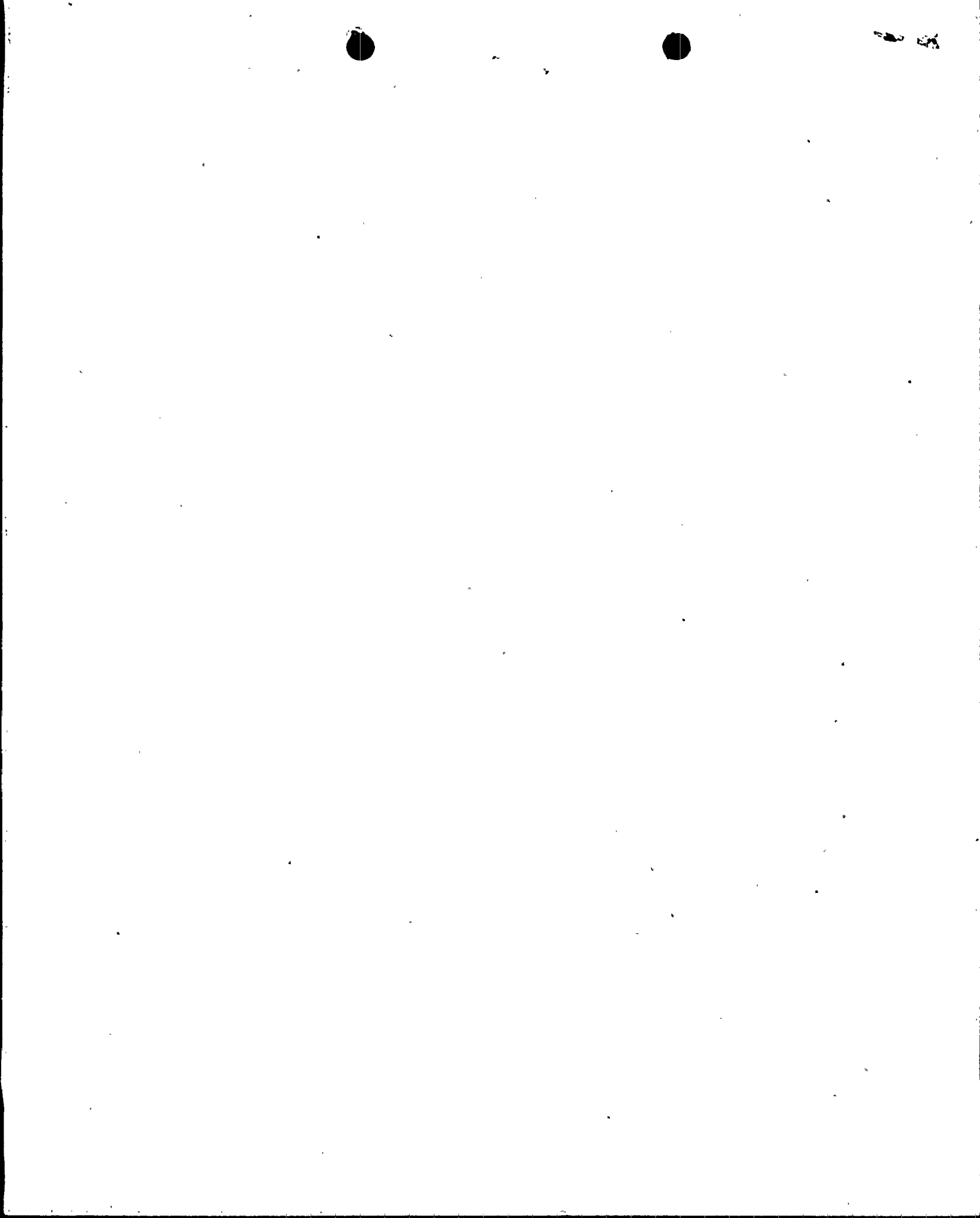
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Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

cc: See next page



Robert E. Uhrig  
Florida Power and Light Company

- 2 - September 29, 1980

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