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ACCESSION NBR: 3011060260 DOC. DATE: 80/10/31 NOTARIZED: NO DOCKET #
 FAGIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 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
 VARGA, S.A. Operating Reactors Branch 1

SUBJECT: Responds to NRC 800929 ltr requesting results of ultrasonic testing of low pressure rotor discs. One keyway crack found on LP-1 rotor in Number 3 disc on governor end in Unit 3. Eight cracks found on LP-1 & LP-2 rotors in Unit 4.

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October 31, 1980
L-80-361

Office of Nuclear Reactor Regulation
Attention: Mr. S.A. Varga, Chief
Operating Reactors Branch #1
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Varga:

Re: Turkey Point Units 3 & 4
Docket Nos. 50-250 & 50-251
Turbine Disc Cracks.

Florida Power & Light has reviewed your September 29, 1980 letter requesting the results of ultrasonic testing of the Turkey Point 3 and 4 low pressure rotor discs. The results of these inspections, performance by our turbine vendor (Westinghouse), are as follows:

Turkey Point 3:

On the LP-1 rotor, one keyway indication crack was found in the number 3 disc on the governor end. The indication was .50 inches in depth.

No indications were found in the LP-2 rotor.

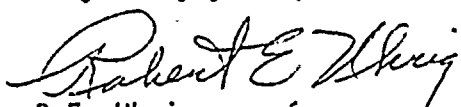
Turkey Point 4:

On the LP-1 rotor, two keyways with indications were found in the number 3 disc on the governor end. The indications were .120 and .180 inches in depth respectively.

On the LP-2 rotor, three keyways with indications were found in the number 2 disc on the generator end. The indications were .126, .283, and .283 inches in depth respectively. Additionally, three keyways with indications were found in the number 3 disc on the generator end. The indications were .529, .913, and .913 inches in depth respectively.

No bore indications were found in any of the inspected discs. We trust this information satisfies your request.

Very truly yours,


R.E. Uhrig
Vice President
Advanced Systems & Technology

REU/DKJ/md

8011080260

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

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AUTH: NAME AUTHOR AFFILIATION
 CARPAGNO, S.P. Franklin Institute/Franklin Research Center
 RECIP: NAME RECIPIENT AFFILIATION
 BUTCHER, E.J. Assistant Director for Safety Assessment

NOV 7 1980

SUBJECT: Forwards technical evaluation report, "Primary Coolant Sys Pressure Isolation Valves."

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