

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8012160145 DOC. DATE: 80/12/09 NOTARIZED: NO DOCKET #  
 FACIL: 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: Advises that containment purge valve torque & stress analysis has been completed by Henry Pratt Co. Mods to limit valve disc openings for Unit 3 completed. Mods to Unit 4 will be completed during current refueling outage.

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 TITLE: Containment Purging

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	REEVES, E. 14	1	<u>REG FILE 01</u>	1
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1. The purpose of this document is to provide information regarding the activities of the [redacted] and the [redacted] in the [redacted] area. This information is being provided to you for your information only and is not to be distributed outside of your organization.

2. The [redacted] has been identified as a [redacted] and is currently active in the [redacted] area. The [redacted] has been identified as a [redacted] and is currently active in the [redacted] area.

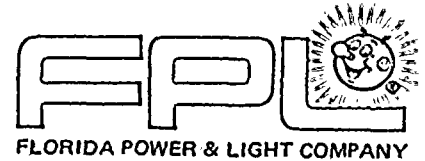
3. The [redacted] has been identified as a [redacted] and is currently active in the [redacted] area. The [redacted] has been identified as a [redacted] and is currently active in the [redacted] area.

4. The [redacted] has been identified as a [redacted] and is currently active in the [redacted] area. The [redacted] has been identified as a [redacted] and is currently active in the [redacted] area.

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6. The [redacted] has been identified as a [redacted] and is currently active in the [redacted] area. The [redacted] has been identified as a [redacted] and is currently active in the [redacted] area.

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10	10	10	10	10	10	10	10



December 9, 1980  
L-80-398

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

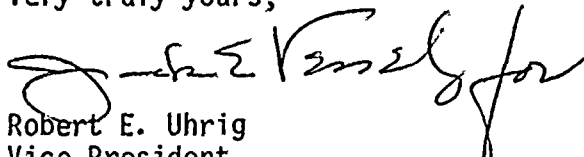
Dear Mr. Varga:

Re: Turkey Point Units 3 & 4  
Docket Nos. 50-250 & 50-251  
Containment Purge

A containment purge valve torque and stress analysis has been completed by Henry Pratt Company, the valve manufacturer. Based on the conservative analysis, the 48-inch containment purge valves are adequate and operable under DBA-LOCA conditions when the valve disc opening angle is limited to 35 degrees. The same conclusion applies to the 54-inch containment purge valves when the valve disc opening is limited to 30 degrees. Modifications to limit the valve disc openings on Unit 3 have been completed. Modifications to limit the valve disc openings on Unit 4 will be completed during the current refueling outage.

With this submittal, Florida Power & Light Company has provided all the information and evaluations requested to justify containment purging during normal operations. The effect of purging on ECCS performance, the evaluation of radiological consequences, the evaluation of instrumentation and control circuit designs, and the valves' integrity against the dynamic forces of a DBA-LOCA have been presented.

Very truly yours,

  
Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/MAS/ras

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

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