

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 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  
 EISENHUT,D.G. Division of Licensing

SUBJECT: Advises that arrangements made for consultant to perform new analysis per NUREG-07.44, Rev 1, Generic Ltr 82-26, "Pressure Vessel Matl Fracture Toughness," to confirm previous conclusions re shelf energy. Results expected by Aug 1983.

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 TITLE: OR Submittal: USI A-12 Component Support Fracture Toughness

## NOTES:

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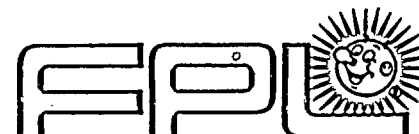
The following information was obtained from the records of the  
 Department of the Interior, Bureau of Land Management, regarding the  
 land owned by the United States in the State of California.  
 The information is given in the form of a list of the  
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Date	Section	Township	Range
1	1	1	1
1	1	1	1
1	1	1	1
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FLORIDA POWER & LIGHT COMPANY

February 3, 1983

L-83-55

Office of Nuclear Reactor Regulation  
Attention: Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Eisenhut:

Re: Turkey Point Units 3 & 4  
Docket No. 50-250 & 50-251  
NUREG-0744 Rev. 1: (Generic Letter 82-26)  
Pressure Vessel Material Fracture Toughness

Generic Letter 82-26 outlines an acceptable method of fracture mechanics analysis which is to be performed to demonstrate the existence of adequate margin when the fracture toughness requirements of Appendix G to 10 CFR 50 are not met. The Generic Letter further requires that this analysis be submitted at least 3 years prior to the date fracture toughness levels are predicted to no longer satisfy these requirements.

In previous correspondence (L-76-363, dated 10/19/76; L-77-113, dated 4/11/77; L-77-292, dated 9/14/77; L-77-326, dated 10/21/77) and meetings with your staff, we demonstrated that although the shelf energy of Turkey Point Unit 4's surveillance capsule "T" did not meet Section V.B of Appendix G to 10 CFR 50, the unit could continue to be safely operated. This conclusion was demonstrated by fatigue, accident and fracture analyses, as well as an in-depth look at the Turkey Point Unit 3 and 4 surveillance program.

In addition to these actions, we have now arranged for a consultant to perform a new analysis, in accordance with Generic Letter 82-26, which we anticipate will confirm our previous conclusions. The results of this work is tentatively scheduled to be complete by the end of August 1983. We will submit the report to you following in-house review, approximately eight weeks later.

Very truly yours,

*Robert E. Uhrig*

Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/JEM/JS

cc: Mr. James P. O'Reilly, Region II  
Mr. Harold F. Reis, Esquire  
PNS-LI-83-056

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