

# CATEGORY 1

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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  
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SUBJECT: Informs that util will provide new pressure/temp limit curve analysis for NRC review min of 6 months prior to expiration of plant pressure/temp limit curves.

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L-96-175  
10 CFR §50.36  
10 CFR §50.90

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
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Gentlemen:

Re: Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
Pressure/Temperature Limit Curves  
Proposed License Amendments  
Thermal Power Uprate

By letter L-95-245 dated December 18, 1995, Florida Power and Light Company (FPL) submitted a request to amend Turkey Point Units 3 and 4 Operating Licenses and Technical Specifications, so as to allow operation at an uprated core thermal power of 2300 MW. L-95-245 included an assessment of the applicability of the Pressure Temperature (P/T) Limit Curves at the uprated conditions.

The P/T Limit Curves submitted for the thermal power uprating are the current P/T curves provided in the Turkey Point Technical Specifications. The P/T Limit Curves were submitted via FPL letter L-88-424 dated September 21, 1988 and approved by the NRC on 1/10/89. L-95-245 revised the period of applicability to account for the new thermal power uprate fluence projection. This yields a reduction in the period of applicability from 20 EFPY to 19 EFPY.

FPL will provide a new P/T limit curve analysis for NRC review a minimum of 6 months prior to the expiration of the Turkey Point P/T Limit Curves. FPL will include in the limiting material property evaluation, (1) the data from the three surveillance capsules previously removed from Turkey Point Units 3 & 4, and (2) supplemental surveillance data from capsules being irradiated in the Davis Besse Reactor Vessel. The surveillance capsule program is as described in B&W Owners Group report BAW 1543 Revision 4 and Supplement 1. An evaluation of the temperature and fluence environment between the host plant (Davis Besse) and Turkey Point will be provided demonstrating the applicability of the surveillance data to the Turkey Point limiting materials. FPL plans to utilize the Linde 80 generic initial RT<sub>NDT</sub> lower bound value of -27°F as presented in B&W Owners Group report BAW-2245.

Should there be any questions, please contact us.

Very truly yours,

R. J. Hovey  
Vice President  
Turkey Point Plant

JAH

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cc: S. D. Ebnetter, Regional Administrator, Region II, USNRC  
T. P. Johnson, Senior Resident Inspector, USNRC, Turkey Point  
an FPL Group company

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ADP

