



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

July 19, 1984

Docket Nos. 50-250  
and 50-251

LICENSEE: Florida Power and Light Company

FACILITIES: Turkey Point Units 3 and 4

SUBJECT: SUMMARY OF MEETING HELD WITH FLORIDA POWER AND LIGHT COMPANY, JULY 13, 1984, REGARDING REACTOR MATERIALS SURVEILLANCE PROGRAM

BACKGROUND

Members of the NRC staff met with the Licensee representatives at Bethesda, Maryland, to discuss the Reactor Materials Surveillance Programs at the Turkey Point Plant. The existing surveillance programs for the two units have an adequate number of material sample capsules. However, there are a limited number of samples which include the critical or limiting material of the girth welds. The girth welds in both reactor vessels are of the same material.

SUMMARY

Details relating to the requirements of an integrated surveillance program in accordance with 10CFR50 Appendix H (2)(C) were discussed. Some of the advantages of an integrated program at the Turkey Point facilities are:

- 1) The units are similar in design and operating features.
- 2) The girth welds are the same material.
- 3) Flexibility would exist do to weld sample material in both units.
- 4) Both units would have the same heatup-cool down Pressure-Temperature (P-T) curves for operational constraints.
- 5) Both units have in-core and ex-core dosimetry in place.
- 6) Reduction in exposure to personnel (ALARA considerations) would result.

Conclusion

The licensee is considering the integration of the existing surveillance

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programs in light of the above advantages. Other options are also being considered based on the discussions. The staff indicated that Regulatory Guide 199, "Effects of Residual Elements On Predicted Radiation Damage To Reactor Vessel Material," is currently under revision and will provide further guidance.

The exchange of information was beneficial to both parties and provided valuable insight to the NRC staff on the overall material data base, and FPL considerations for upgrading their existing surveillance programs. A list of attendees is attached.

/s/DMCDonald

Daniel G. McDonald, Project Manager  
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Division of Licensing

Enclosure:  
As stated

cc w/enclosures  
See next page

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MEETING SUMMARY DISTRIBUTION  
OPERATING REACTORS BRANCH NO. 1

Docket or Central File

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