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50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
AUTH.NAME AUTHOR AFFILIATION
HOVEY,R.J. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
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SUBJECT: Requests addl ref be added to Units 3 & 4 TS Section 6.9.1.7
re COLR.

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L-97-108
10 CFR §50.36
10 CFR §50.90

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington D. C. 20555

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Proposed License Amendments
Large Break Loss of Coolant Accident Re-analysis
Request for Additional Information

On February 24, 1997, Florida Power and Light Company (FPL) submitted L-97-037, "Large Break Loss of Coolant Accident Re-analysis." L-97-037 requested that Appendix A of Facility Operating Licenses DPR-31 and DPR-41 be amended to modify Turkey Point Units 3 and 4 Technical Specifications Section 6.9.1.7, Core Operating Limits Report (COLR). This requested change will add Best Estimate Large Break Loss of Coolant Accident Analysis (BELOCA) to the COLR.

During the NRC review of WCAP-12945-P, "Westinghouse Code Qualification Document For Best Estimate LOCA Analysis," Volumes I-V, revisions were made to the large break LOCA methodology. A number of plant specific analyses were performed prior to the final approval of the BELOCA methodology. Turkey Point Units 3 and 4 were among the affected plants. In order to document the re-analyses performed as a result of these revisions, FPL requests an additional reference be added to the Turkey Point Units 3 and 4 Technical Specifications Section 6.9.1.7, Core Operating Limits Report.

Attachment 1 describes the basis for the reference addition and Attachment 2 provides the proposed Technical Specification page.

No changes have been made to the analyses or references described in L-97-037. Therefore, the conclusion of the No Significant Hazards Evaluation remains valid.

Should there be any questions on this request, please contact us.

Very truly yours,

R. J. Hovey
Vice President
Turkey Point Plant

JAH

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PDR ADDCK 05000250
P PDR

Attachments



cc: L. A. Reyes, Regional Administrator, Region II, USNRC
T. P. Johnson, Senior Resident Inspector, USNRC, Turkey Point Plant
W. A. Passetti, Florida Department of Health and Rehabilitative Services

an FPL Group company

STATE OF FLORIDA)
) ss.
COUNTY OF DADE)

R. J. Hovey being first duly sworn, deposes and says:

That he is Vice President, Turkey Point Plant, of Florida Power and Light Company,
the Licensee herein;

That he has executed the foregoing document; that the statements made in this document are true and
correct to the best of his knowledge, information and belief, and that he is authorized to
execute the document on behalf of said Licensee.

RJH
R. J. Hovey

Subscribed and sworn to before me this
24th day of April, 1997.

Cheryl A. Stevenson

Name of Notary Public (Type or Print)



NOTARY PUBLIC, in and for the County of
Dade, State of Florida

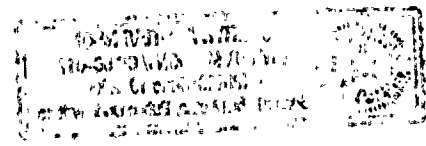
My Commission expires _____
Commission No. _____

R. J. Hovey is personally known to me.

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Introduction

On February 24, 1997, Florida Power and Light Company (FPL) submitted L-97-037, "Large Break Loss of Coolant Accident Re-analysis." L-97-037 requested that Appendix A of Facility Operating Licenses DPR-31 and DPR-41 be amended to modify Turkey Point Units 3 and 4 Technical Specifications Section 6.9.1.7, Core Operating Limits Report. This requested change will add Best Estimate Large Break Loss of Coolant Accident Analysis (BELOCA) to the list of approved analytical methods used in determining the Heat Flux Hot Channel Factor, $F_Q(Z)$; Nuclear Enthalpy Rise Hot Channel Factor, $F_{\Delta H}$; and the Normalized $F_Q(Z)$ as a function of core height, $K(Z)$ curve.

Discussion

During the NRC review of the generic WCAP-12945-P, "Westinghouse Code Qualification Document For Best Estimate LOCA Analysis," Volumes I-V, revisions were made to the large break LOCA methodology. A number of plant specific analyses were performed prior to the final approval of the BELOCA methodology. Turkey Point Units 3 and 4 were among those plants affected by the methodology revisions.

An action plan to perform re-analysis of the affected plants was detailed in a letter dated June 13, 1996, from N. J. Liparulo (W) to Frank R. Orr (USNRC), "Re-Analysis Work Plans Using Final Best Estimate Methodology."

L-97-037 referenced WCAP-14159, Revision 0, "Best-Estimate Analysis of the Large Break Loss of Coolant Accident for Turkey Point Units 3 & 4 Nuclear Plant for Power Uprate," dated October 1996. Although not specifically referenced in WCAP-14159, Revision 0, the required re-analysis as described in the June 13, 1996 Re-Analysis Work Plans letter was incorporated.

The Technical Specification Administrative Controls Section 6.9.1.7, Core Operating Limits Report, will be modified to include reference to the letter dated June 13, 1996, from N. J. Liparulo (W) to Frank R. Orr (USNRC), "Re-Analysis Work Plans Using Final Best Estimate Methodology."