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50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
AUTH.NAME AUTHOR AFFILIATION
WILLILAMS,J.W. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
VARGA,S.A. Operating Reactors Branch 1

SUBJECT: Advises that Westinghouse NOMTRUMP model in WCAP-10079 & WCAP-10054 will be used in future plant analyses,per resolution of TMI Action Item II.K.3.30.Item II.K.3.31 will be resolved by listed generic studies by 850603.

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FLORIDA POWER & LIGHT COMPANY

JUL 3 1 1986

L-85-292

Office of Nuclear Reactor Regulation
Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Varga:

Re: Turkey Point Units 3 and 4
Dockent Nos. 50-250 and 50-251
NUREG-0737 Item II.K.3.30 and II.K.3.31
Small Break LOCA Model

In response to your May 29, 1985 letter regarding TMI Action Item II.K.3.30, Florida Power and Light Company is a member of the Westinghouse Owners Group (WOG). NOTRUMP, the Westinghouse Small Break LOCA model documented in Topical Reports WCAP-10079 and WCAP-10054, and referenced by the WOG for use in satisfying the requirements of TMI Action Item II.K.3.30, will be used for all future Turkey Point plant specific small break LOCA analyses. Approval of the NOTRUMP code by the NRC completes TMI Action Item II.K.3.30 for the Turkey Point Plant.

The generic small break analyses for resolution of TMI Action Item II.K.3.31 have been started by the WOG. The objectives of the generic studies portion of the WOG program are to:

1. Satisfy NUREG-0737 II.K.3.31 requirements by demonstrating previous evaluation model results are conservative when compared to NOTRUMP Small Break evaluation model results.

2. Demonstrate conservatism on a generic basis, as allowed by NRC generic letter No. 83-35.

3. Benchmark NOTRUMP Small Break evaluation model results with WFLASH Small Break model results.

4. Demonstrate that NOTRUMP Small Break evaluation model peak clad temperatures are bounded by WFLASH peak clad temperatures.

The generic studies will include a review of 2-loop, 3-loop, and 4-loop plant characteristics, and bounding plant characteristics will be determined.

The NOTRUMP/LOCA analyses to be performed will consist of a full break spectrum on one plant type; and reduced cold leg break spectrum for other plant types. Finally, a comparison of NOTRUMP and WFLASH results will be documented. The results will be submitted to the NRC in May, 1986 by the WOG.

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Turkey Point Units 3 & 4 will be covered by the generic studies. A confirmation of this will be provided to you by June 3, 1986.

Very truly yours,

J. W. Williams, Jr.
Group Vice President
Nuclear Energy

JWW/TCG/cab

cc: Dr. J. Nelson Grace, Region II
Harold F. Reis, Esquire