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 AUTH. NAME AUTHOR AFFILIATION
 WOODY, C. O. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 LYONS, J. E. Office of Nuclear Reactor Regulation, Director (pre-851125)

SUBJECT: Forwards "Florida Power & Light Evaluation of BNL 15X15 Lattice Std Problem," for review, per B50510 topical rept submittal & B60722 telcon request for evaluation of std fuel lattice problem.

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1. The first step is to identify the problem. This involves understanding the situation and the goals that need to be achieved.

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FLORIDA POWER & LIGHT COMPANY

OCTOBER 21 1986

L-86-432

Office of Nuclear Reactor Regulation
Attention: Mr. James E. Lyons, Chief
Technical and Operations Support Branch
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

50-250/251

Dear Mr. Lyons:

Re: Topical Report - PWR Lattice Physics Methods
at Florida Power & Light Company (FPL)

By letter dated May 10, 1985 (FPL Letter No. L-84-125) Florida Power & Light Company (FPL) submitted Topical Report - PWR Lattice Physics Methods at FPL for NRC review and approval.

In a telephone conference with FPL core physics personnel on July 22, 1986, Mr. Lambros Lois of the NRC Staff recommended that FPL perform an evaluation of a standard fuel lattice problem developed by Brookhaven National Laboratory (BNL). NRC and BNL acceptance of the evaluation results would satisfy demonstration of the calculation method and expedite approval of the Topical Report by the NRC.

FPL has completed its evaluation of the BNL 15 x 15 Westinghouse type assembly Standard Problem provided us by Dr. John Carew of BNL. Our results are included in the attached report, a copy of which is being provided to Dr. Carew for his review.

Should you have any questions concerning this report, please contact Mr. Ed Knuckles at (305) 552-3444.

Very truly yours,

C. O. Woody
Group Vice President
Nuclear Energy

COW/TCG/gp
Attachment

cc: Dr. John Carew, Brookhaven National Laboratory
Department of Nuclear Energy, Building 475B
Upton, NY 11973

Harold F. Reis, Esquire
Dr. J. Nelson Grace, NRC Region II
D. G. McDonald, NRR
E. G. Tourigny, NRR

Handwritten notes: *Foot 7/1*, *Add: Rich Emch*, *ltr Emch*

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