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 50-251 Turkey Point #4, Florida Power & Light Co.
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DOCKET #
 05000250
 05000251

SUBJECT: Informs of plans for next facil refueling & results of review of refueling analysis method. Unit 3 is in oper cycle 5 & next refueling is sched for 791230. Westinghouse FLARE code will be used for reload design.

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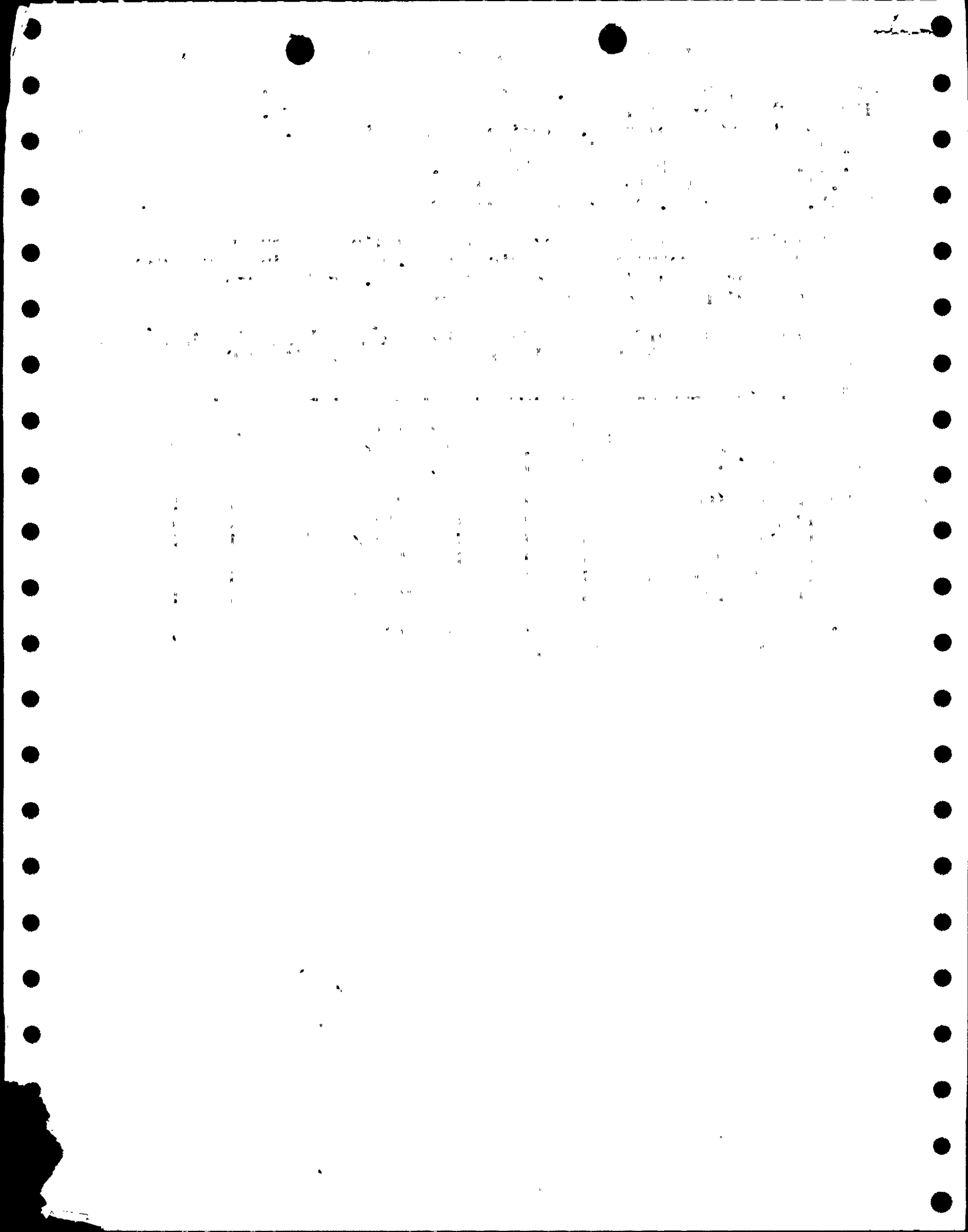
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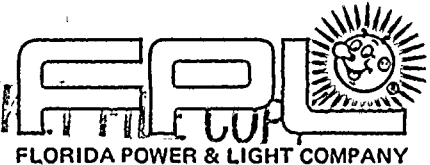
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REGULATORY DOCUMENT

December 22, 1978
L-78-396

Office of Nuclear Reactor Regulation
Attention: Mr. Victor Stello, Director
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Stello:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Reload Safety Evaluations

The purpose of this letter is to inform you of (1) our plans for the next refueling of Turkey Point Unit 3 and (2) the results of our review of a refueling analysis method for Turkey Point Units 3 and 4:

- (1) Turkey Point Unit 3 is in its fifth cycle of operation. The next refueling of Unit 3 is scheduled for December 30, 1979. The Turkey Point Plant Nuclear Safety Committee (PNSC) and the Florida Power & Light Company Nuclear Review Board (CNRB) have reviewed the planned operation of Unit 3, Cycle 6 and have concluded that it does not involve an unreviewed safety question or a change in the facility's Technical Specifications.
- (2) Westinghouse has demonstrated the use of an updated version of the nodal analysis "Flare"⁽¹⁾ code as part of their design and safety evaluations for Turkey Point Unit 3, Cycles 5 and 6, and Unit 4, Cycle 5. We have reviewed the development and verification documentation, and resolved questions through a technical review meeting with Westinghouse. As a result of these efforts, the PNSC and CNRB have concluded that the use of this method for the reload design of the Turkey Point Units does not constitute an unreviewed safety concern.

Further documentation on the use of the "Flare" code is being provided by Westinghouse in support of your review of WCAP 9272/9273, "Westinghouse Reload Safety Evaluation Methodology." We assume that questions of a generic nature will be handled as part of that review and not on the Turkey Point Units 3 and 4 Dockets.

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Additional information pertaining to these reviews is available at the Turkey Point site and the FP&L General Office Building.

This letter is being submitted for your information. It has been determined that, pursuant to 10 CFR 50.59, the refueling of Turkey Point Unit 3 and reload analyses of Turkey Point Units 3 and 4 using the updated version of the Flare code can be performed without prior NRC approval. We are available to answer any questions you may have on these matters.

Very truly yours,



Robert E. Uhrig
Vice President

REU/MAS/cf

cc: J. P. O'Reilly, Region II
Robert Lowenstein, Esquire

(1) Delp, D. L., et. al, "Flare, A Three-Dimensional Boiling Water Simulator," GEAP-4598 (1964).