

APRIL 27 1979

Docket No. 50-335

Dr. Robert E. Uhrig
Vice President
Florida Power & Light Company
Advanced Systems & Technology
P. O. Box 529100
Miami, Florida 33152

Dear Dr. Uhrig:

By letter dated January 17, 1977, we requested that Florida Power and Light Company (FP&L) submit an evaluation of a postulated fuel handling accident in the Reactor Containment Building of St. Lucie No. 1. The potential consequences of an accident involving the handling of spent fuel inside containment had not been analyzed previously for St. Lucie, Unit No. 1. By letter dated March 21, 1977, you submitted that accident analysis which we have now reviewed.

Our calculations show that the potential consequences of the spent fuel handling accident may be greater than your estimates. Our calculations do show, however, that the potential consequences of this accident are appropriately within the exposure guidelines of 10 CFR Part 100, and are therefore acceptable.

Enclosed is our Safety Evaluation.

Sincerely,

~~Robert W. Reid~~
Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Enclosure:
Safety Evaluation

cc w/enclosure: See next page

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Florida Power & Light Company

cc:

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