

March 5, 1985

Docket No. 50-389

Mr. J. W. Williams, Jr.
Vice President
Nuclear Energy Department
Florida Power & Light Company
P. O. Box 14000
Juno Beach, Florida 33408

Dear Mr. Williams:

SUBJECT: AXIAL GROWTH OF FUEL RODS

The staff has completed its review of your November 8, 1984 report dealing with axial growth of fuel rods for St. Lucie Plant, Unit No. 2. The staff has concluded that you have demonstrated in your report that adequate shoulder gap clearance is maintained for unmodified fuel assemblies through the second cycle. However, you should measure shoulder gaps on selective fuel assemblies during the second refueling outage in order to confirm the model described in the report and to confirm that adequate shoulder gap remains for operation after cycle 2.

A copy of our safety evaluation is enclosed.

Sincerely,

Original signed by:

James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing

Enclosure:
Safety Evaluation

cc w/enclosure
See next page

ORB#3:DL
PKreutzer
3/5/85

ORB#3:DL
DEsells:dd
3/5/85

ORB#3:DL
JRMiller
3/5/85

8503200501 850305
PDR ADDCK 05000389
PDR

12-1-1964

12-1-1964

12-1-1964

12-1-1964

12-1-1964

12-1-1964

12-1-1964

12-1-1964

12-1-1964