

Docket Nos. 50-250  
and 50-251

June 20, 1984

DISTRIBUTION

Docket File

JNGrace

NRC PDR

L PDR

Gray File

ORB#1 Rdg

CParrish

DMcDonald

DEisenhut

OELD

ACRS 10

EJordan

Mr. J. W. Williams, Jr., Vice President  
Nuclear Energy Department  
Florida Power and Light Company  
Post Office Box 14000  
Juno Beach, Florida 33408

Dear Mr. Williams:

SUBJECT: FUEL STORAGE U-235 LINEAR LOADING INCREASE

On May 23, 1984, a request for additional clarification relating to the above subject was discussed with your staff. During the discussions we indicated that a written request would follow.

Provide the information requested in the enclosure within 30 days from receipt of this letter.

The reporting and/or recordkeeping requirements of this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

*Original signed by*  
Steven A. Varga

Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

Enclosure:  
As stated

cc w/enclosure:  
See next page

*DL*  
ORB#1:DL  
DMcDonald;ps  
6/20/84

*Des for*  
C-ORB#1:DL  
SVarga  
6/20/84

8406280394 840620  
PDR ADOCK 05000250  
PDR

SECRET  
JULY 1954  
OFFICE OF THE  
DIRECTOR  
CENTRAL INTELLIGENCE  
AGENCY  
WASHINGTON, D.C.  
20505

CONFIDENTIAL

MEMORANDUM FOR THE DIRECTOR  
SUBJECT: [Illegible]

1. [Illegible]

2. [Illegible]

3. [Illegible]

4. [Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

J. W. Williams, Jr.  
Florida Power and Light Company

Turkey Point Plants  
Units 3 and 4

cc: Harold F. Reis, Esquire  
Lowenstein, Newman, Reis and Axelrad  
1025 Connecticut Avenue, N.W.  
Suite 1214  
Washington, DC 20036

Bureau of Intergovernmental Relations  
660 Apalachee Parkway  
Tallahassee, Florida 33130

Norman A. Coll, Esquire  
Steel, Hector and Davis  
1400 Southeast First National  
Bank Building  
Miami, Florida 33131

Mr. Henry Yaeger, Plant Manager  
Turkey Point Plant  
Florida Power and Light Company  
P.O. Box 013100  
Miami, Florida 33101

Mr. M. R. Stierheim  
County Manager of Metropolitan  
Dade County  
Miami, Florida 33130

Resident Inspector  
Turkey Point Nuclear Generating Station  
U.S. Nuclear Regulatory Commission  
Post Office Box 1207  
Homestead, Florida 33030

Regional Radiation Representative  
EPA Region IV  
345 Courtland Street, N.W.  
Atlanta, GA 30308

Mr. Jack Shreve  
Office of the Public Counsel  
Room 4, Holland Building  
Tallahassee, Florida 32304

Administrator  
Department of Environmental  
Regulation  
Power Plant Siting Section  
State of Florida  
2600 Blair Stone Road  
Tallahassee, Florida 32301

James P. O'Reilly  
Regional Administrator, Region II  
U.S Nuclear Regulatory Commission  
Suite 2900  
101 Marietta Street  
Atlanta, GA 30303

Martin H. Hodder, Esquire  
1131 N.E. 86th Street  
Miami, Florida 33138

Joette Lorion  
7269 SW 54 Avenue  
Miami, Florida 33143

ENCLOSURE

TURKEY POINT UNITS 3 AND 4

Fuel Enrichment  
Request for Additional Information

1.  $UO_2$  Stack density is given as 10.08 grams per axial centimeter on pages 10 and 13. These should be in units of grams per cubic centimeter.
2. With reference to the fresh fuel storage racks:
  - a. What uncertainties and basis were included in the calculated  $K_{eff}$  values as a function of low-density water?
  - b. What uncertainties and basis were included in the calculated  $K_{eff}$  for fully flooded conditions?
  - c. What diffusion theory model was used for fully flooded calculation?