

July 8, 1987

Docket No. 50-335

DISTRIBUTION

Docket File

NRC PDR
Local PDR
PD22 Rdg.
S. Varga
G. Lainas
D. Miller
E. Tourigny
OGC-Bethesda
E. Jordan

J. Partlow
ACRS (10)
Gray File
C. Y. Cheng

Mr. C. O. Woody
Group Vice President
Nuclear Energy
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408

Dear Mr. Woody:

Subject: Request for Additional Information (TAC No. 64184)

In conducting our review of your December 12, 1986 submittal relating to increasing the steam generator tube plug limit at the St. Lucie Plant, Unit No. 1, and as a result of a meeting that was held on this subject on June 4, 1987 in Bethesda, Maryland, we have determined that we will need additional information identified in the enclosure to continue our review.

In order for us to maintain our review schedule, your response is requested within 60 days of your receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than 10 respondents; therefore, OMB clearance is not required under P.L. 96-511.

Please contact me at (301) 492-9786 if you have any questions concerning this letter.

Sincerely,

/s/

E. G. Tourigny, Project Manager
Project Directorate II-2
Division of Reactor Projects I/II

Enclosure:
Request for Additional
Information

cc w/enclosure:
See next page

LA:PD22
D Miller
7/6/87

PM:PD22
ETourigny:hc
7/8/87

D:PD22
LRubenstein
7/8/87

8707160111 870708
PDR ADDCK 05000335
P PDR

Mr. C. O. Woody
Florida Power & Light Company

St. Lucie Plant

cc:

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

Resident Inspector
c/o U.S. NRC
7585 S. Hwy A1A
Jensen Beach, Florida 34957

State Planning & Development
Clearinghouse
Office of Planning & Budget
Executive Office of the Governor
The Capitol Building
Tallahassee, Florida 32301

Harold F. Reis, Esq.
Newman & Holtzinger
1615 L Street, N.W.
Washington, DC 20036

Norman A. Coll, Esq.
McCarthy, Steel, Hector and Davis
14th Floor, First National Bank Building
Miami, Florida 33131

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

Mr. Weldon B. Lewis, County
Administrator
St. Lucie County
2300 Virginia Avenue, Room 104
Fort Pierce, Florida 33450

Mr. Charles B. Brinkman, Manager
Washington - Nuclear Operations
Combustion Engineering, Inc.
7910 Woodmont Avenue
Bethesda, Maryland 20814

Jacob Daniel Nash
Office of Radiation Control
Department of Health and
Rehabilitative Services
1317 Winewood Blvd.
Tallahassee, Florida 32399-0700

Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
Executive Director for Operations
101 Marietta Street N.W., Suite 2900
Atlanta, Georgia 30323

ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION
RELATING TO PROPOSED LICENSE AMENDMENT
CONCERNING S/G TUBE PLUGGING LIMIT

1. Submit copy of CENC-1497, Rev. 3, "Tube Burst and Leakage Testing....", dated August 1986.
2. Provide the following information concerning the laboratory ECT test data presented in Tables C1-1 and C1-2 of Appendix C to FPL letter dated December 12, 1986 (if not already included as part of CENC-1497).
 - a. Describe the eddy current test equipment and procedures used to obtain the ECT test measurements presented in Tables C1-1 and C1-2.
 - b. Provide detailed discussion of steps taken to ensure that laboratory ECT test conditions were typical of actual field conditions. Does the ECT test data reflect the presence of egg crate supports, drilled hole support plates, denting, copper deposits, etc., such as may be encountered under actual field conditions at St. Lucie? What was the range in the voltage amplitudes and signal-to noise ratios associated with the IGA indications obtained in the laboratory?
 - c. Provide a representative sample of strip charts and photos of the laboratory eddy current signals as they appear on the oscilloscope screen.
 - d. Provide representative sample of photomicrographs of IGA affected regions on the laboratory tube specimens.
3. Provide listings of all tubes with indications falling into the following categories during the 1987 inspection:
 - > 40%
 - 20 to 39%
 - < 20%

Listings should include location of indication along tube length, type of ECT probe, voltage amplitude, and % depth.

4. For the subset of tubes used in the "1985/1987 Growth Study", provide the data comparisons between 1985 and 1987 for each tube.
5. Document the background and justification for utilizing the "3 point fit" ECT evaluation curve in lieu of the 4.1 curve as explained to the NRC staff at the June 4, 1987 meeting.

