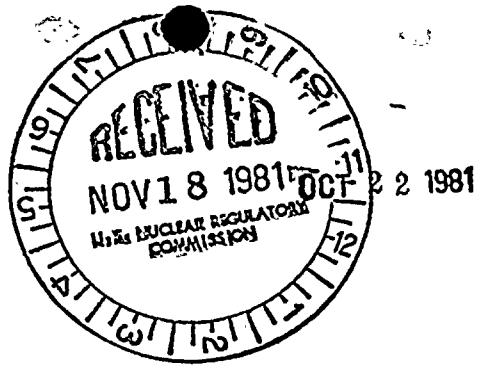


DMB016



DISTRIBUTION

Docket Files

- NRC PDR
- Local PDR
- ORB 1 File
- D. Eisenhut
- OELD
- OI&E (3)
- S. Varga
- M. Grotenhuis
- C. Parrish
- NSIC
- TERA
- ACRS (10)
- J. Heltemes
- S. Marshall*

Docket Nos. 50-250
and 50-251

Dr. Robert E. Uhrig, Vice President
Advanced Systems and Technology
Florida Power and Light Company
Post Office Box 529100
Miami, Florida 33152

Dear Dr. Uhrig:

We have completed our review of your June 10, 1981 submittal related to the adequacy of station electrical distribution system voltages for the Turkey Point Plant Unit Nos. 3 and 4. We find that we need the information identified in the enclosure to this letter in order to complete our review. Please respond with the requested information within 60 days from the date of this letter.

Sincerely,

Original Signed By:

Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Enclosure:
As stated

cc: See next page

8112030729 811022
PDR ADDCK 05000250
P PDR

JG

OFFICE	ORB 1 MGrotenhuis/rs	ORB 1 SVarga					
SURNAME							
DATE	10/14/81	10/21/81					



Robert E. Uhrig
Florida Power and Light Company

cc: Mr. Robert Lowenstein, Esquire
Lowenstein, Newman, Reis and Axelrad
1025 Connecticut Avenue, N.W.
Suite 1214
Washington, D. C. 20036

Environmental and Urban Affairs Library
Florida International University
Miami, Florida 33199

Mr. 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. 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

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



100-100000

REQUEST FOR ADDITIONAL INFORMATION (ROUND 3)
TURKEY POINT UNITS 3 & 4 (TAC NOS. 12964 & 12965)
ADEQUACY OF STATION ELECTRICAL DISTRIBUTION SYSTEM VOLTAGES

1. Does the start-up transformer of the adjacent unit serve as the second required offsite source to the onsite distribution system as required by GDC-17?
2. Is the start-up transformer of one unit adequate to simultaneously supply minimum engineered safety features of one unit and safely shut down the other unit, without assistance from on-site generation?
3. If the start-up transformers are not sized as described in question #2, then under what conditions are the cross-unit ties used?
4. It appears that the removable iso-phase bus generator links are part of the station features which would allow compliance with Regulatory Guide 1.93. Can the links be removed and a unit backfed through the main and auxiliary transformers within 72 hours or within the time required to prevent fuel damage?
5. Submit the minimum pick-up, maximum drop-out, and nominal voltage ratings of the motor starter contacts. If the starters are energized by the plant's 120 volt electrical system, then the voltage analysis must be extended to this voltage level.
6. What is the minimum starting voltage required for the 4kv and 460 volt 1E motors?
7. What is the duration of the starting transient experienced when starting the largest 1E motor as described in your December 18, 1980 letter?

