

December 22, 2003

MEMORANDUM TO: Darrell J. Roberts, Acting Chief, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

FROM: Victor Nerses, Sr. Project Manager, Section 2  
Project Directorate I **/RA/**  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

SUBJECT: SEABROOK STATION, UNIT NO. 1, FACSIMILE TRANSMISSION,  
DRAFT REQUEST FOR ADDITIONAL INFORMATION (TAC NO.  
MC0635)

The attached draft RAI was transmitted by facsimile on December 22, 2003, to Mr. Mike O'Keefe of FPL Energy Seabrook, LLC (the licensee). This draft RAI was transmitted to facilitate the technical review being conducted by NRR staff. The RAI was related to the licensee's August 25, 2003, submittal regarding the installation of a non-safety-related supplemental emergency power system. Review of the RAI would allow the licensee to determine and agree upon a schedule to respond to the RAI. This memorandum and the attachment do not convey or represent an NRC staff position regarding the licensee's request.

Docket No. 50-443

Attachment: Draft RAI

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J. Clifford      V. Nerses      M. McConnell      PDI-2 Reading

**Accession Number: ML040050087**

\*memo form Jenkins

OFFICE	PDI-2/PM	EEIB/SC*
NAME	VNerses	RJenkins
DATE	12/22/03	12/11/03

OFFICIAL RECORD COPY

# DRAFT

REQUEST FOR ADDITIONAL INFORMATION  
BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
FACILITY OPERATING LICENSE NO. NPF-86  
FPL ENERGY SEABROOK, LLC  
SEABROOK STATION  
DOCKET NO. 50-443  
TAC NO. MC0635

1. If a full-load rejection test is performed at power, describe the typical and worst-case voltage transients on the 4160V safety busses as a result of the full-load rejection.
2. Please provide a one-line diagram of the proposed plant configuration (i.e., with the supplemental emergency power system (SEPS) installed).
3. Describe the compensatory measures that will be implemented when the emergency diesel generator (EDG) is removed from service for maintenance utilizing the 14-day extended allowed outage time (AOT).
4. If at any time during the extended EDG AOT the SEPS was to become inoperable, what course of action would be taken and how will the SEPS be returned to operable status (i.e., verified operable)?