

August 24, 2004

MEMORANDUM TO: James W. Clifford, Chief, Section 2  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

FROM: Scott P. Wall, Project Manager, Section 2 /RA/  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

SUBJECT: SEABROOK STATION, DRAFT REQUEST FOR ADDITIONAL  
INFORMATION (TAC NO. MC2364)

By letter dated August 18, 2004, the Nuclear Regulatory Commission (NRC) staff issued a request for additional information (RAI) regarding the FPL Energy Seabrook, LLC (FPLE or the licensee), application to increase the licensed thermal power level at Seabrook Station, Unit No. 1.

The NRC staff determined that clarification was needed for RAI #22. The attached revised RAI was transmitted on August 23, 2004, to Mr. Michael O'Keefe (FPLES) and replaces RAI #22 in its entirety. Mr. O'Keefe has agreed to use this version of RAI #22 in FPLE's response letter.

Docket No. 50-443

Attachment: RAI

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Attachment: RAI

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ACCESSION NO.: ML042360752

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REQUEST FOR ADDITIONAL INFORMATION  
REGARDING PROPOSED STRETCH POWER UPRATE (SPU) AMENDMENT  
SEABROOK STATION, UNIT NO. 1 (SEABROOK)  
DOCKET NO. 50-443

Revised Question #22

22. In Section 9.1.3, the licensee provides a comparison of maximum FAC rates in the moisture separator drain piping for current operating conditions and projected power uprate conditions. The licensee also indicates that, as part of the implementation of the SPU, the Electrical Power Research Institute (EPRI) CHECWORKS computer program will be revised to include the appropriate post-SPU operating parameters. Specifically, this revised model will be used to select inspection locations that will establish new baseline data for areas that may be susceptible to significant wear.

For the current operating conditions, discuss any instances where CHECWORKS significantly under predicted actual wall loss due to FAC. Include any locations where CHECWORKS predicted no wall loss and significant wall loss occurred. Discuss any corrective actions taken as a result of FAC under prediction. If there were instances where FAC rates were significantly under predicted, discuss whether the SPU operating conditions could exacerbate this under prediction.