

November 9, 2005

Mr. Gene F. St. Pierre,
Site Vice President
c/o James M. Peschel
Seabrook Station
PO Box 300
Seabrook, NH 03874

SUBJECT: SEABROOK STATION - WITHDRAWAL OF LICENSE AMENDMENT
REQUEST (TAC NO. MC6567)

Dear Mr. St. Pierre:

By letter dated March 28, 2005, FLP Energy Seabrook, LLC (FPLE) applied for an amendment to the Seabrook Station, Unit No. 1 (Seabrook), Facility Operating License No. NPF-86. The proposed amendment would have revised the Seabrook Technical Specification (TS) 3/4.9.13, "Spent Fuel Assembly Storage," to reflect a revised criticality safety analysis. This analysis was intended to support a two-zone spent fuel pool (SFP) consisting of BORAFLEX® and BORAL® fuel assembly storage racks. Additionally, the proposed change would have created TS 3/4.9.15, "Spent Fuel Pool Boron Concentration," to support the planned SFP changes.

Upon receipt of the submittal, the Nuclear Regulatory Commission (NRC or the Commission) staff identified a number of issues with the submittal including, but not limited to, the use of a two-dimensional criticality model instead of the three-dimensional industry standard; the treatment of a blistering phenomenon known to occur in BORAL® storage racks; and how the issue of double contingencies was addressed. Following discussions between FLPE and the NRC, and by letter dated October 24, 2005, FPLE withdrew the application for amendment and indicated its intention to resubmit a revised request that resolved these concerns.

The Commission has filed the enclosed Notice of Withdrawal of Application for Amendment to Facility Operating License with the Office of the Federal Register for publication.

Sincerely,

/RA/

G. Edward Miller, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-443

Enclosure: As stated

cc w/encl: See next page

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UNITED STATES NUCLEAR REGULATORY COMMISSION

SEABROOK STATION, UNIT NO. 1

FPL ENERGY SEABROOK, LLC

DOCKET NO. 50-443

NOTICE OF WITHDRAWAL OF APPLICATION FOR

AMENDMENT TO FACILITY OPERATING LICENSE

The U.S. Nuclear Regulatory Commission (NRC or the Commission) has granted the request of FPL Energy Seabrook, LLC (FPLE or the licensee) to withdraw its March 28, 2005, application for an amendment to Facility Operating License No. NPF-86 for the Seabrook Station, Unit No. 1 (Seabrook), located in Rockingham County, New Hampshire.

The proposed amendment would have revised the Seabrook Technical Specification (TS) 3/4.9.13, "Spent Fuel Assembly Storage," to reflect a revised criticality safety analysis. This analysis was intended to support a two-zone spent fuel pool (SFP) consisting of BORAFLEX® and BORAL® fuel assembly storage racks. Additionally, the proposed change would have created TS 3/4.9.15, "Spent Fuel Pool Boron Concentration," to support the planned SFP changes.

The Commission had previously issued a Notice of Consideration of Issuance of Amendment published in the FEDERAL REGISTER on May 10, 2005 (70 FR 24653). However, by letter dated October 24, 2005, FPLE withdrew the proposed change.

For further details with respect to this action, see the application for amendment dated March 28, 2005, and the licensee's letter dated October 24, 2005, which withdrew the application for license amendment. Documents may be examined, and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, Public File Area O1 F21, 11555 Rockville Pike (first floor), Rockville, Maryland. Publicly available records will be

accessible electronically from the Agencywide Documents Access and Management Systems (ADAMS) Public Electronic Reading Room on the internet at the NRC Web site,

<http://www.nrc.gov/reading-rm/adams/html>. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS, should contact the NRC PDR reference staff by telephone at 1-800-397-4209, or 301-415-4737 or by email to pdr@nrc.gov.

Dated at Rockville, Maryland, this 9th day of November 2005.

FOR THE NUCLEAR REGULATORY COMMISSION
/RA/

G. Edward Miller, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Seabrook Station, Unit No. 1

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