



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

July 31, 2009

Mr. Gene F. St. Pierre  
Site Vice President  
c/o Michael O'Keefe  
Seabrook Station  
FLP Energy Seabrook, LLC  
P.O. Box 300  
Seabrook, NH 03874

SUBJECT: SEABROOK STATION, UNIT NO. 1 – ENVIRONMENTAL ASSESSMENT AND  
FINDING OF NO SIGNIFICANT IMPACT (TAC NO. ME1125)

Dear Mr. St. Pierre:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your application for amendment dated April 16, 2009 (Agencywide Documents and Management System (ADAMS) Accession No. ML091110050). The proposed amendment would change the legal name of the Licensee and Co-owner from "FPL Energy Seabrook, LLC" to "NextEra Energy Seabrook, LLC."

The assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis Egan", is written over a horizontal line.

Dennis Egan, P.E.  
Senior Project Manager  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-443

Enclosure:  
Environmental Assessment

cc w/encl: Distribution via Listserv

UNITED STATES NUCLEAR REGULATORY COMMISSION

FPL ENERGY SEABROOK, LLC, ET AL.\*

DOCKET NO. 50-443

SEABROOK STATION, UNIT NO. 1

ENVIRONMENTAL ASSESSMENT AND FINDING OF

NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (NRC) is considering issuance of an amendment for Facility Operating License No. NPF-86, issued to FLP Energy Seabrook, LLC (the licensee), for operation of the Seabrook Station, Unit No. 1, located in Rockingham County, New Hampshire. Therefore, as required by 10 CFR 51.21, the NRC is issuing this environmental assessment and finding of no significant impact.

ENVIRONMENTAL ASSESSMENT

Identification of the Proposed Action:

The proposed action would change the legal name of the Licensee and Co-owner from "FPL Energy Seabrook, LLC" to "NextEra Energy Seabrook, LLC."

The proposed action is in accordance with the licensee's application dated April 16, 2009.

The Need for the Proposed Action:

The proposed action is necessary to reflect the legal change of name of the Licensee and Co-Owner on April 16, 2009.

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\* FPL Energy Seabrook, LLC (FPLE Seabrook) is authorized to act as agent for the Hudson Light & Power Department, Massachusetts Municipal Wholesale Electric Company, and Taunton Municipal Light and has exclusive responsibility and control over the physical construction, operation and maintenance of the facility.

Environmental Impacts of the Proposed Action:

The NRC has concluded in its safety evaluation of the proposed action that since this action is for a name change only that (1) there is a reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

The details of the staff's safety evaluation will be provided in the license amendment that will be issued as part of the letter to the licensee approving the license amendment.

The proposed action will not significantly increase the probability or consequences of accidents. No changes are being made in the types of effluents that may be released offsite. There is no significant increase in the amount of any effluent released offsite. There is no significant increase in individual or cumulative occupational radiation exposure. Therefore, there are no significant radiological environmental impacts associated with the proposed action.

With regard to potential non-radiological impacts, the proposed action does not have a potential to affect any historic sites. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, there are no significant non-radiological environmental impacts associated with the proposed action.

Accordingly, the NRC concludes that there are no significant environmental impacts associated with the proposed action.

Environmental Impacts of the Alternatives to the Proposed Action:

As an alternative to the proposed action, the staff considered denial of the proposed action (i.e., the "no-action" alternative). Denial of the application would result in no change in

current environmental impacts. The environmental impacts of the proposed action and the alternative action are similar.

Alternative Use of Resources:

The action does not involve the use of any different resources than those previously considered in the Final Environmental Statement for the Seabrook Station, Unit No. 1, NUREG-0895, dated December 1982.

Agencies and Persons Consulted:

In accordance with its stated policy, on July 16, 2009, the staff consulted with the New Hampshire and Massachusetts State officials, Messrs. M. Nawoj and J. Giarrusso, respectively regarding the environmental impact of the proposed action. Neither State official had any comments.

FINDING OF NO SIGNIFICANT IMPACT

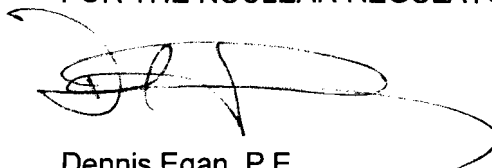
On the basis of the environmental assessment, the NRC concludes that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the NRC has determined not to prepare an environmental impact statement for the proposed action.

For further details with respect to the proposed action, see the licensee's letter dated April 16, 2009. 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 System (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 send an e-mail to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov).

Dated at Rockville, Maryland, this 31<sup>st</sup> day of July 2009.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to be 'Dennis Egan', with a long horizontal flourish extending to the right.

Dennis Egan, P.E.  
Senior Project Manager  
Plant Licensing Branch 1-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Mr. Gene F. St. Pierre  
Site Vice President  
c/o Michael O'Keefe  
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Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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Enclosure:  
Environmental Assessment

cc w/encl: Distribution via Listserv

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**Accession No. ML091970394**

| OFFICE | DORL/LPL1-2/PM | DORL/LPL1-2/LA        | NRR/DLR/RERB/BC              | OGC                           | DORL/LPL1-2/BC |
|--------|----------------|-----------------------|------------------------------|-------------------------------|----------------|
| NAME   | DEgan          | ABaxter (SLittle for) | BPham<br>(SKlementowicz for) | BMizunno (NLO w/<br>comments) | HChernoff      |
| DATE   | 7/12/09        | 7/16/09               | 7/20/09                      | 7/24/09                       | 7/31/09        |

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