



FPL Energy
Seabrook Station

FPL Energy Seabrook Station
P.O. Box 300
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(603) 773-7000

JAN 11 2006

Docket No. 50-443
SBK-L-06006

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Seabrook Station
Facility Operating License NPF-86
Completion of License Condition 2.K
Supplemental Information

References:

1. FPL Energy Seabrook, LLC letter (SBK-L-05226) to USNRC Document Control Desk, "Facility Operating License NPF-86, Completion of License Condition 2.K," dated November 7, 2005.
2. Memorandum from G. E. Miller, Project Manager to D. J. Roberts, Chief Plant Licensing Branch I-2, "Seabrook Station Unit No. 1 Conference Call, Documentation of Discussion (TAC No MC8873), dated December 22, 2005.

By letter dated November 7, 2005 (Reference 1), FPL Energy Seabrook, LLC (FPL Energy Seabrook) provided a revised safety analysis for the inadvertent actuation of the Emergency Core Cooling System at power event. The letter provided the information required by facility operating license NFP-86, license condition 2.K.

The following supplemental information was requested by the NRC during a telephone conference on December 21, 2005 and included in the documentation of discussion (Reference 2). The information supports the revised safety analysis for the inadvertent actuation of the Emergency Core Cooling System at power event.

- The revised analysis relies upon the Main Steam System atmospheric steam dump valves for maintaining Reactor Coolant System temperature (T_{avg}).
- As described in Seabrook Station Updated Final Safety Analysis Report (UFSAR), Sections 7.4.5, 7.4.6, and 10.3. the atmospheric steam dump valves are safety related and comply with the requirements for safety related systems, structures, and components.

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- A single failure of one atmospheric dump valve in RCS Loop 4 is assumed, thus, the revised analysis credits only three of the four atmospheric steam dump valves.
- The atmospheric dump valves will be available for mitigation of an inadvertent Emergency Core Cooling System actuation at power event.

Should you have any questions concerning this submittal, please contact Mr. Stephen T. Hale, Power Uprate Project Manager, at (603) 773-7561.

Very truly yours,
FPL Energy Seabrook, LLC



Gene St. Pierre
Site Vice President

cc: S. J. Collins, NRC Region I Administrator
G. E. Miller, NRC Project Manager
G. T. Dentel, NRC Resident Inspector

Mr. Bruce Cheney, ENP, Director, Division of Emergency Services
NH Department of Safety,
Division of Emergency Services, Communications and Management
Bureau of Emergency Management
33 Hazen Drive
Concord, NH 03305

Oath and Affirmation

I, Gene St. Pierre, Site Vice President of FPL Energy Seabrook, LLC hereby affirm that the information and statements contained within this correspondence including the enclosure are based on facts and circumstances which are true and accurate to the best of my knowledge and belief.

Sworn and Subscribed

Before me this

11 day of Jan, 2006

Michael D. O'Keefe
Notary Public

Gene St. Pierre
Gene St. Pierre
Site Vice President

