



**FPL Energy**  
**Seabrook Station**

**FPL Energy Seabrook Station**  
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March 29, 2007  
Docket No. 50-443

SBK-L-07064

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

Seabrook Station  
Notification of RCS Leakage Monitoring Change

Reference: FPL Letter L-2007-013, Inspection and Mitigation of Alloy 82/182 Pressurizer Butt Welds, January 31, 2007

In the referenced letter, FPL Energy Seabrook, LLC (FPL Energy Seabrook) committed to evaluating improvements to its reactor coolant system (RCS) leakage monitoring program and to provide an update to the NRC regarding any changes to the current program.

This letter provides notification that FPL Energy Seabrook is planning to enhance the RCS leakage monitoring software to perform RCS temperature averaging to reduce the effect of process noise on the RCS leak rate calculation. This enhancement is planned to be complete in the 2<sup>nd</sup> Quarter 2007.

Should you have any questions regarding this matter, please contact Mr. James M. Peschel, Regulatory Programs Manager at (603) 773-7194.

Very truly yours,

FPL Energy Seabrook, LLC

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Gene St. Pierre  
Site Vice President

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

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