



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

FPL Energy Seabrook Station  
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July 16, 2003

Docket No. 50-443

NYN-03055

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

Re: NYN-02095  
NYN-03032

Seabrook Station  
Revision to License Amendment Request 02-03,  
"Changes to Technical Specifications Associated with Nuclear Instrumentation"

FPL Energy Seabrook, LLC (FPLE Seabrook) has enclosed herein a revision to License Amendment Request (LAR) 02-03, NYN-02095, dated October 11, 2002. This revision withdraws the LAR 02-03 proposed change to Technical Specification (TS) Table 4.3-1 to extend the Analog Channel Operational Test surveillance interval for Functional Unit 6, Source Range, Neutron Flux from 31 days to 92 days. The surveillance interval for Functional Unit 6 will remain as currently licensed, i.e., 31 days. TS Table 4.3-1 has been revised accordingly to reference Note 8 specifying the 31-day interval. The revised markup and retype pages for TS page 3/4 3-9 are enclosed and supercede TS page 3/4 3-9 submitted in LAR 02-03.

Please note that Note 8 of TS Table 4.3-1 Table Notations was previously revised to reflect the 31-day interval in submittal Letter NYN-03032, Revision to License Amendment Request 02-03, "Changes to Technical Specifications Associated with Nuclear Instrumentation," dated April 21, 2003.

This revision to LAR 02-03 does not make any additional changes to LAR 02-03 or its conclusion. That is, the proposed changes do not involve a significant hazards consideration pursuant to the requirements of 10 CFR 50.92 and the proposed changes continue to meet the criteria of 10CFR 51.22(c)(9) for a categorical exclusion from the requirements for an Environmental Impact Statement. Therefore, this revision to LAR 02-03 will neither adversely affect nor endanger the health and safety of the general public.

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

Very truly yours,  
FPL Energy Seabrook, LLC.

Gene F. St. Pierre  
Station Director

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**U.S. Nuclear Regulatory Commission  
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**cc: H. J. Miller, NRC Regional Administrator  
V. Nerses, NRC Project Manager, Project Directorate I-2  
G. Dentel, NRC Senior Resident Inspector**

**Mr. Donald Bliss, Director  
New Hampshire Office of Emergency Management  
State Office Park South  
107 Pleasant Street  
Concord, NH 03301**



**FPL Energy**

**Seabrook Station**

**SEABROOK STATION UNIT 1**


**Facility Operating License NPF-86  
Docket No. 50-443**

**Revision to License Amendment Request 02-03,  
"Changes to Technical Specifications Associated with Nuclear Instrumentation"**

FPL Energy Seabrook, LLC submits this revision to License Amendment Request 02-03 pursuant to 10CFR50.90. The following information is enclosed in support of this revised License Amendment Request:

- Markup and Retype of the Proposed Change

I, Gene F. St. Pierre Station Director of FPL Energy Seabrook, LLC hereby affirm that the information and statements contained within this revision to License Amendment Request 02-03 are based on facts and circumstances which are true and accurate to the best of my knowledge and belief.

  
\_\_\_\_\_  
Gene F. St. Pierre  
Station Director

Sworn and Subscribed  
before me this  
16<sup>th</sup> day of July, 2003

  
\_\_\_\_\_  
Notary Public



### **MARKUP AND RETYPE PAGES**

The attached markup and retype pages reflect the currently issued revision of the Technical Specifications listed below. Pending Technical Specifications or Technical Specification changes issued subsequent to this submittal are not reflected in the enclosed markup and retype pages. The enclosed retype should be checked for continuity with Technical Specifications prior to issuance.

The following Technical Specification is included in the attached markup:

| <b>Technical Specification</b> | <b>Title</b>   | <b>Page(s)</b> |
|--------------------------------|--|----------------|
| Table 4.3-1                    | Reactor Trip System Instrumentation<br>Surveillance Requirements | 3/4 3-9        |

TABLE 4.3-1

REACTOR TRIP SYSTEM INSTRUMENTATION SURVEILLANCE REQUIREMENTS

| <u>FUNCTIONAL UNIT</u>  | <u>CHANNEL CHECK</u> | <u>CHANNEL CALIBRATION</u>                  | <u>ANALOG CHANNEL OPERATIONAL TEST</u> | <u>TRIP ACTUATING DEVICE OPERATIONAL TEST</u> | <u>ACTUATION LOGIC TEST</u> | <u>MODES FOR WHICH SURVEILLANCE IS REQUIRED</u> |
|---|----------------------|---|--|---|-----------------------------|---|
| 1. Manual Reactor Trip  | N.A.                 | N.A.  | N.A.                                   | R(13)   | N.A.                        | 1,2,3*,4*,5*                                    |
| 2. Power Range, Neutron Flux  |                      |   |  |   |                             |   |
| a. High Setpoint  | S                    | D(2, 4),<br>M(3, 4),<br>Q(4, 6),<br>R(4, 5) | Q                                      | N.A.  | N.A.                        | 1, 2  |
| b. Low Setpoint   | S                    | R(4)  | S/U(1)                                 | N.A.  | N.A.                        | 1***, 2   |
| 3. Power Range, Neutron Flux,<br>High Positive Rate                 | N.A.                 | R(4)  | Q                                      | N.A.  | N.A.                        | 1, 2  |
| 4. <del>Power Range, Neutron Flux,<br/>    High Negative Rate</del> | <del>N.A.</del>      | <del>R(4)</del>                             | <del>Q</del>                           | <del>N.A.</del>                               | <del>N.A.</del>             | <del>1, 2</del>                                 |
| 5. Intermediate Range,<br>Neutron Flux                              | S                    | R(4, 5)                                     | S/U(1)                                 | N.A.  | N.A.                        | 1***, 2   |
| 6. Source Range, Neutron Flux                                       | S                    | R(4, 5)                                     | S/U(1), Q(9)                           | N.A.  | N.A.                        | 2**, 3, 4, 5                                    |
| 7. Overtemperature $\Delta T$                                       | S                    | R   | Q <sup>8</sup>                         | N.A.  | N.A.                        | 1, 2  |
| 8. Overpower $\Delta T$   | S                    | R   | Q                                      | N.A.  | N.A.                        | 1, 2  |
| 9. Pressurizer Pressure--Low  | S                    | R   | Q                                      | N.A.  | N.A.                        | 1   |
| 10. Pressurizer Pressure--High                                      | S                    | R   | Q                                      | N.A.  | N.A.                        | 1, 2  |
| 11. Pressurizer Water Level--High                                   | S                    | R   | Q                                      | N.A.  | N.A.                        | 1   |
| 12. Reactor Coolant Flow--Low                                       | S                    | R   | Q                                      | N.A.  | N.A.                        | 1   |

→ ROTATE TO  
HERE

TABLE 4.3-1

REACTOR TRIP SYSTEM INSTRUMENTATION SURVEILLANCE REQUIREMENTS

| <u>FUNCTIONAL UNIT</u>                              | <u>CHANNEL CHECK</u> | <u>CHANNEL CALIBRATION</u>                  | <u>ANALOG CHANNEL OPERATIONAL TEST</u> | <u>TRIP ACTUATING DEVICE OPERATIONAL TEST</u> | <u>ACTUATION LOGIC TEST</u> | <u>MODES FOR WHICH SURVEILLANCE IS REQUIRED</u> |
|---|----------------------|---|--|---|-----------------------------|---|
| 1. Manual Reactor Trip                              | N.A.                 | N.A.  | N.A.                                   | R(13)   | N.A.                        | 1,2,3*,4*,5*                                    |
| 2. Power Range, Neutron Flux                        |                      |   |  |   |                             |   |
| a. High Setpoint                                    | S                    | D(2, 4),<br>M(3, 4),<br>Q(4, 6),<br>R(4, 5) | Q                                      | N.A.  | N.A.                        | 1, 2  |
| b. Low Setpoint                                     | S                    | R(4)  | S/U(1)                                 | N.A.  | N.A.                        | 1***, 2   |
| 3. Power Range, Neutron Flux,<br>High Positive Rate | N.A.                 | R(4)  | Q                                      | N.A.  | N.A.                        | 1, 2  |
| 4. NOT USED   |                      |   |  |   |                             |   |
| 5. Intermediate Range,<br>Neutron Flux              | S                    | R(4, 5)                                     | S/U(1)                                 | N.A.  | N.A.                        | 1***, 2   |
| 6. Source Range, Neutron Flux                       | S                    | R(4, 5)                                     | S/U(8),Q(9)                            | N.A.  | N.A.                        | 2**, 3, 4, 5                                    |
| 7. Overtemperature $\Delta T$                       | S                    | R   | Q                                      | N.A.  | N.A.                        | 1, 2  |
| 8. Overpower $\Delta T$                             | S                    | R   | Q                                      | N.A.  | N.A.                        | 1, 2  |
| 9. Pressurizer Pressure--Low                        | S                    | R   | Q                                      | N.A.  | N.A.                        | 1   |
| 10. Pressurizer Pressure--High                      | S                    | R   | Q                                      | N.A.  | N.A.                        | 1, 2  |
| 11. Pressurizer Water Level--High                   | S                    | R   | Q                                      | N.A.  | N.A.                        | 1   |
| 12. Reactor Coolant Flow--Low                       | S                    | R   | Q                                      | N.A.  | N.A.                        | 1   |