

## PMSTPCOL PEmails

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**From:** Joseph, Stacy  
**Sent:** Tuesday, July 27, 2010 2:41 PM  
**To:** 'Cashell, George S'  
**Cc:** STPCOL; 'Elton, Loree'  
**Subject:** DRAFT RAI on MSL Isolation Clarification  
**Attachments:** RAI 4826.doc

Steve,

Please see attached draft RAI for Ch. 16 related to the clarification for MSL isolation operation. Please let me know if you need a telecon to discuss.

Thank you,

Stacy Joseph

Stacy Joseph  
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**Hearing Identifier:** SouthTexas34Public\_EX  
**Email Number:** 2359

**Mail Envelope Properties** (BBC4D3C29CD0E64E9FD6CE1AF26D84D52747BC96D9)

**Subject:** DRAFT RAI on MSL Isolation Clarification  
**Sent Date:** 7/27/2010 2:41:02 PM  
**Received Date:** 7/27/2010 2:43:34 PM  
**From:** Joseph, Stacy

**Created By:** Stacy.Joseph@nrc.gov

**Recipients:**

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Tracking Status: None  
"Elton, Loree" <lelton@STPEGS.COM>  
Tracking Status: None  
"Cashell, George S" <gscashell@STPEGS.COM>  
Tracking Status: None

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| <b>Files</b> | <b>Size</b> | <b>Date &amp; Time</b> |
|--------------|-------------|------------------------|
| MESSAGE      | 404         | 7/27/2010 2:43:34 PM   |
| RAI 4826.doc | 30714       |                        |

**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

Request for Additional Information No. 4826 Revision 0

South Texas Project Units 3 and 4  
South Texas Project Nuclear Operating Co  
Docket No. 52-012 and 52-013  
SRP Section: 16 - Technical Specifications  
Application Section: 16

QUESTIONS for Component Integrity, Performance, and Testing Branch 2 (ESBWR/ABWR Projects)  
(CIB2)

16-\*\*\*

The NRC staff was informed by the applicant for STP Units 3 and 4 that the applicant interprets the ABWR Design Control Document (DCD) and the STP Units 3 and 4 Final Safety Analysis Report (FSAR) as allowing plant operation with one main steamline (MSL) isolated if a safety analysis and applicable procedures are developed to justify such operation. The applicant is requested to clarify the STP Units 3 and 4 FSAR and the bases for plant-specific TS 3.3.1.1 Required Action Q.1, TS 3.3.1.2 Required Action L.1, and TS 3.6.1.3 Required Action A.1 regarding plant operation with one MSL isolated. For example, prior to plant operation with one MSL isolated, an isolated-MSL-specific justification would need to be prepared that would evaluate the potential for significant degradation of components in the reactor and steam systems as a result of acoustic resonance in the active steam lines. Otherwise, the plant must be placed in cold shutdown. The applicant is also requested to propose a new standard departure from the ABWR DCD, including the generic TS bases, to accompany this change.