

## **NRR-PMDAPEm Resource**

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**From:** Frehafer, Ken <Ken.Frehafer@fpl.com>  
**Sent:** Tuesday, October 11, 2016 9:22 AM  
**To:** Buckberg, Perry  
**Subject:** [External\_Sender] FW: St. Lucie Response to RAI on SL2-22 SG Tube Inspection Report (MF7604)  
**Attachments:** PSL Response to RAI-1 - ENCLOSURE.pdf

Perry,

As discussed, here is our clarification wrt the SL2-22 SG ISI report.

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**From:** Thompson, Kester  
**Sent:** Wednesday, October 05, 2016 11:52 AM  
**To:** Frehafer, Ken  
**Cc:** Gil, Rudy; Snyder, Mike  
**Subject:** St. Lucie Response to RAI on SL2-22 SG Tube Inspection Report (MF7604)

Ken,

Attached please find the response to the RAI on the SL2-22 SG Tube Inspection Report.

Regards,

Kester

**Hearing Identifier:** NRR\_PMDA  
**Email Number:** 3238

**Mail Envelope Properties** (C9ED835677B34D419A002BA9983983ACB4FF027F)

**Subject:** [External\_Sender] FW: St. Lucie Response to RAI on SL2-22 SG Tube Inspection Report (MF7604)  
**Sent Date:** 10/11/2016 9:21:37 AM  
**Received Date:** 10/11/2016 9:22:04 AM  
**From:** Frehafer, Ken

**Created By:** Ken.Frehafer@fpl.com

**Recipients:**  
"Buckberg, Perry" <Perry.Buckberg@nrc.gov>  
Tracking Status: None

**Post Office:** GOXSA1809.fplu.fpl.com

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	435	10/11/2016 9:22:04 AM
PSL Response to RAI-1 - ENCLOSURE.pdf		13960

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

## ENCLOSURE

**RAI-1: The staff requests that the licensee summarize the number of tubes and the number of indications associated with anti-vibration bars and tube support plates.**

Response to RAI-1:

Location	SG 2A		SG 2B	
	No. of Tubes	No. of Indications	No. of Tubes	No. of Indications
Anti-vibration Bars (AVBs)	2672	9147	2010	5934
Tube Support Plates (TSPs)	130	165	128	152

Clarifying Notes:

1. The table above summarizes the number of tubes and the number of indications associated with anti-vibration bars (AVBs) and tube support plates (TSPs). The listing of these indications is documented in Appendices B, E, F and G of the SL2-22 SG Tube Inspection Report (ADAMS Accession Number ML16111B235).
2. Note: the total number of tubes/indications associated with AVBs includes the tubes/indications with wear at AVB U-Bend Apex (AV4/5) locations. (Appendix E of the SL2-22 SG Tube Inspection Report)
  - a. Of the 22 tubes in SG 2A (in Appendix E) having AVB U-Bend Apex (AV4/5) wear, 15 of them also had typical AVB wear elsewhere and are listed in Appendix G.
  - b. Of the 9 tubes in SG 2B (in Appendix E) having AVB U-Bend Apex (AV4/5) wear, 5 of them also had typical AVB wear elsewhere and are listed in Appendix G.
3. Wear at "U-Bend Apex (AV4/5)" locations are described in the response to RAI-10 in FPL Letter L-2015-179 (ADAMS Accession Number ML15190A336). To date, wear at these locations has only been identified in Row 69 tubes.