

St. Lucie SLRA: Breakout Questions

SLRA Section B.2.3.3, “Reactor Head Closure Stud Bolting”

TRP 3

Note: Breakout Questions are provided to the applicant and will be incorporated into the publicly-available audit report.

Technical Reviewer	David Dijamco	1/7/2022
Technical Branch Chief	Angie Buford	1/7/2022
Breakout Session	<i>Date/Time</i>	<i>To be filled in by PM</i>

Applicant Staff	NRC staff
<i>To be filled out by PM during breakout</i>	

Question Number	SLRA Section	SLRA Page	Background / Issue (As applicable/needed)	Discussion Question / Request	Outcome of Discussion
#	Cite Section #	Cite Pg #	Description of issue and/or background <ul style="list-style-type: none"> • Optional link to regulatory basis or code, as applicable • If the question pertains to a document, cite the document and page number. • Could resemble RAI, but not as detailed • Describe the purpose and/or need for the question (i.e., the nexus between the question and aging management) 	Actual question here	<i>PM takes notes during audit breakout, documenting next steps (ie: resolved, supplement, ePortal request, etc.).</i> <i>For complex technical issues, the TR should also take notes.</i>
1	B.2.3.3	B-49	The staff needs clarification regarding the Enhancement on the “Preventive Actions” element (Element 2) about	Why the need for an enhancement when PSL is already not using molybdenum disulfide (as stated in the	

		Program basis document	revising the maintenance procedures to preclude use of molybdenum disulfide. The program basis document for the Reactor Closure Head Stud Bolting AMP (SLRA Section B.2.3.3), NEESL00008-REPT-062, Revision 0, states that “PSL does not utilize lubricants containing molybdenum disulfide (disulfide or polysulfide)” (page 10 of the document).	cited quote from the program basis document)?	
2	B.2.3.3	Program basis document	In NEESL00008-REPT-062, Revision 0, the discussion in “Detection of Aging Effects” element (Element 4) and “Monitoring and Trending” element (Element 5) refers to Table IWB-2500-1 of the ASME Code Section XI, consistent with GALL-SLR.	PSL is taking an exception to Element 4 because of a relief request that impacts the requirements in Table IWB-2500-1. Since Element 5 also refers to Table IWB-2500-1, why not take an exception to Element 5 also due to the same relief request?	
3	B.2.3.3	B-51	<p>The staff needs to see results of the most recent ASME Code Section XI inservice inspection (ISI) exams for the PSL reactor head closure studs (Item No. B6.20) and threads-in-flange (Item No. B6.40) to confirm the plant-specific operating experience.</p> <p>The staff was able to confirm the results of the most recent ASME Code Section XI ISI exams for the following components from the ePortal documents:</p> <p>54 PSL Unit 1 threads-in-flange 54 PSL Unit 2 reactor closure studs</p>	<p>Place in the ePortal the results of the most recent ASME Code Section XI ISI exams for the following components (emphasis added to distinguish from those the staff was able to confirm):</p> <p>54 PSL Unit 1 reactor closure studs (note that file <i>010620 RPV STUDS 1 THRU 54.pdf</i> does not appear to show the results, i.e., whether there were recordable indications or not)</p> <p>54 PSL Unit 2 threads-in-flange (note that file <i>5.12-001.pdf</i> does not appear to show the results, i.e., whether there were recordable indications or not)</p>	