

St. Lucie SLRA: Breakout Questions

SLRA Section AMP B.2.3.24: Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components
TRP: 38

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

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| Technical Reviewer | Allik | 1/5/2022 |
| Technical Branch Chief | Bloom | Concurrence Date |
| Breakout Session | Date/Time | To be filled in by PM |

| Applicant Staff | NRC staff |
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| To be filled out by PM during breakout | |
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| Question Number | SLRA Section | SLRA Page | Background / Issue (As applicable/needed) | Discussion Question / Request | Outcome of Discussion |
|-----------------|---------------|-------------------------------|--|--|-----------------------|
| 1 | Table 3.3.2-8 | 3.3-193 3.3-201 | SLRA Table 3.3.2-8 states stainless steel piping and valve bodies (with an intended function of pressure boundary) exposed to raw water will be managed for loss of material using Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components program. SLRA Table 3.3-1 (item 134) states stainless steel piping and piping components exposed to raw water are managed for loss of material and flow blockage due to fouling using the Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components program. | Based on the intended function of the subject piping and valve bodies being pressure boundary (i.e., provide pressure-retaining boundary so that sufficient flow at adequate pressure is delivered), the staff requests a clarifying discussion to understand why flow blockage due to fouling is not an applicable aging effect/mechanism requiring management. | |
| 2 | Table 3.3.2-4 | 3.3-111 3.3-124 3.3-125 | SLRA Table 3.3.2-4 states the following components will be managed for (a) hardening or loss of strength; and (b) loss of material | The staff requests a clarifying discussion to understand why cracking or blistering is not an | |

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| | | | <p>using the Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components program:</p> <ul style="list-style-type: none"> • Polyester flexible hoses exposed to air-dry. • Plexiglas sight glasses exposed to treated water and air-indoor uncontrolled. <p>SLRA Table 3.3-1 (item 263) states polymeric components exposed to air and treated water are managed for (a) hardening or loss of strength; (b) loss of material; and (c) cracking or blistering using the Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components program.</p> | <p>applicable aging effect requiring management for the subject components in SLRA Table 3.3.2-4.</p> | |
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