

***Update on NRC Action Items
from October 27, 2014***

**Public Meeting on MRP-227, Rev.1
March 31, 2015**

NRC Action Item 4 from 10/27/2014

- Share foreign operating experience related to RVI;
- Investigate basis for including flux thimble tubes under Action Item 3; and
- Provide feedback to MRP related to Action Item 5 as to whether licensees can submit the acceptance criteria for physical measurements closer to the date of the inspection.

Action Item 3

- Requires a justification of the adequacy of plant-specific programs relied upon for:
 - CE Thermal Shield Positioning Pins
 - CE In-core Instrumentation Thimble Tubes
 - Westinghouse Guide Tube Support Pins (split pins)



CE ICI Thimble Tubes

- CE “In-Core Instrumentation (ICI) Thimble Tubes – Lower” are “existing programs” components with a “plant-specific” program.
- Only wear screened in.
- Two plants had wear due to flow-induced vibration, others had irradiation-induced growth.
- Solution has been modification or replacement.
- LRA may or may not have credited RVI Program to manage ICI Thimble Tube Aging.
- Response to A/LAI 3 is still needed for CE ICI Thimble Tubes, unless LRA did not credit RVI Program.

Action Item 5

- Requires submittal of plant-specific acceptance criteria for physical measurements for:
 - Westinghouse hold-down springs
 - Gap between core shroud sections (CE)
- Hold down spring force dependent on fuel design, thus may change cycle-to-cycle
- Industry thus asked if criteria could be submitted closer to inspection



Action Item 5 - Proposal



- Staff proposal for hold down spring criteria:
 - Licensees could describe the process and methodology for determining acceptance criteria, in lieu of exact acceptance criteria
 - Licensees would still need to tie to plant design basis
 - This would eliminate need to review information that may change before the inspection date
- CE Core Shroud Gap – No reason why these criteria could not be submitted with inspection plan