



U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Subsequent License Renewal (SLR)
Lessons Learned
Public Meeting #3
February 20, 2020

AGENDA

- Welcome and Introductions
- Proposed Industry Revisions to GALL-SLR and SRP-SLR
- Summary/Next Actions
- Next Lessons Learned Meeting
- Embark Venture Studios
- Closeout and Adjourn

High-Priority Revisions

- AMPs XI.M2 and XI.M21A - Water Chemistry Update
 - AMP XI.M12: Thermal Aging Embrittlement of CASS
 - AMP XI.M16A : MRP-227-1
 - AMP XI.M42: Internal Coatings/Linings
 - New FE / AMR item: RPV steel supports
 - AMP XI.E7: Insulators
 - AMPs XI.E3A/B/C: Insulation for Inaccessible Cables
 - AMP XI.S1: ASME, Section XI, Subsection IWE *
 - AMR items: Table 3.5-1 revisions
 - AMR Items: Generic F-J Notes
- * Staff not aligned or under staff review

Proposed Industry Revisions to GALL-SLR and SRP-SLR

Lower-Priority Revisions

- AMP X.M2: Neutron Fluence Monitoring
- AMP XI.M33: Selective Leaching
- AMP XI.S8: Protective Coatings*

* Staff not aligned or under staff review

AMR Items: Generic F-J Notes

- Management of reduction of heat transfer for steel fuel oil piping by the Fuel Oil Chemistry Program (XI.M30)
- Management of loss of coating integrity for compressed air steel tanks with internal coatings by the Internal Coatings/Linings for In-Scope Components (XI.M42)
- Management of loss of material for compressed air steel tanks with internal coatings by the Internal Coatings/Linings for In-Scope Components (XI.M42).
- Management of loss of material for nickel alloy strainer components in a fuel oil environment by the Fuel Oil Chemistry Program (XI.M30) and One-Time Inspection Program (XI.M32).

AMR Items: Generic F-J Notes

- TLAA management of the stainless steel spent fuel pool liner plate fatigue.
- Management of cracking/delamination and loss of material/flaking in subliming compound fireproofing/fire barriers (thermolag, darmatt, and others) by the Fire Protection Program
- Management of cracking/delamination and loss of material/spalling in cementitious fireproofing/fire barriers (Cafecote and others) by the Fire Protection Program (XI.M26)
- Management of cracking/delamination and loss of material/flaking in aluminum silicate fireproofing/fire barriers (kaowool, and others) by the Fire Protection program (XI.M26)

NEI Proposed High-Priority Revisions

AMR Items: Generic F-J Notes

- Management of loss of material/wear in elastomers exposed to condensation by the Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components program (XI.M38)
- Management of loss of material/general, pitting, crevice corrosion in zinc exposed to lubricating oil by the Lubrication Oil Analysis program (XI.M39) and One-Time Inspection program (XI.M32)
- Management of loss of material/general, pitting, crevice corrosion in zinc exposed to a condensation environment by the Inspection of Internal Surfaces in Miscellaneous Piping and Ducting Components program (XI.M38)

NEI Proposed High-Priority Revisions

AMR Items: Generic F-J Notes

- Management of loss of material/general, pitting, crevice corrosion in carbon steel, stainless steel, and copper alloy exposed to a treated water environment by Water Chemistry (XI.M2) and One-Time Inspection Program (XI.M32) for GALL-SLR Chapter VII PWR Systems (e.g. CVCS or HVAC).

Next Actions

- Proposed Industry Revisions
 - Draft ISGs for use and comment
 - Available 2- 3 months: 30-day comment period
- Staff-initiated revisions
 - Draft revisions available for the next Lessons Learned Meeting
 - Draft ISGs for use and comment
 - Available 2 – 3 months: 30-day comment period

Next Lessons Learned Meeting

- March/April
 - Topics
 - Status of guidance revisions
 - Embark Venture Studios
 - Process improvements
 - Risk informing SLR reviews