



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001**

May 5, 2017

MEMORANDUM TO: Steven D. Bloom, Chief
Project Management and Guidance Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

FROM: Evelyn Gettys, Project Manager */RA/*
Project Management and Guidance Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE TELECONFERENCE MEETING BETWEEN THE
U.S. NUCLEAR REGULATORY COMMISSION STAFF AND NUCLEAR
ENERGY INSTITUTE TO DISCUSS RECENT CHANGES TO
SUBSEQUENT LICENSE RENEWAL DOCUMENTS

The U.S. Nuclear Regulatory Commission (NRC) staff and representatives of the Nuclear Energy Institute (NEI) held a Category 1 public meeting on April 13, 2017, to discuss clarification of terms in the Generic Aging Lessons Learned for Subsequent License Renewal (GALL-SLR) Report and the Standard Review Plan for the Review of Subsequent License Renewal Applications for Nuclear Power Plants (SRP-SLR) documents. The purpose of the meeting was to explain the technical bases for the proposed changes to the aging management programs (AMP).

The summary of the meeting.

Discussed Issues:

1. Clarifications to AMP XI.M18 to address the size of closure bolting and examination considerations already addressed in the cited ASME Code Section XI inspection tables for closure bolting.
2. New line items to recommend managing aging effects for heating, ventilation and air conditioning closure bolting by AMP XI.M36 in lieu of AMP XI.M18.
3. Changes to the "corrective actions" program element for AMPs XI.M18, XI.M20, XI.M21A, XI.M32, XI.M36, XI.M38, and XI.M42 to address a minimum extent of condition sampling size and remove a potential misinterpretation in regard to the extent of repair/replacements to allow no extent of condition inspections.

CONTACT: Evelyn Gettys, NRR/DLR
301-415-4029

4. Changes to AMP XI.M27 and AMP XI.M29 to address inspections of the bottom surfaces of fire water storage tanks exposed to soil or periodically wetted concrete.
5. For titanium components: (a) added grade 9 materials to the list of grades that do not experience loss of material or cracking; (b) created new line items to address grades 3, 4, and 5; and (c) new line items to address cracking for non-specified titanium materials.
6. Revised the inspection parameters table in AMP XI.M32 to recommend visual inspections consistent with AMP XI.S6 for stainless steel and aluminum support materials exposed to air or condensation.
7. Added raw water (potable) and treated water to fire water system line items.
8. Revised AMP XI.M30 to address periodic inspections of fuel oil storage tank bottoms exposed to soil or periodically wetted concrete.
9. Changes to line item R-31 to clarify its component description to specifically address the seating surface of the hand-hole covers and manways and cite treated water or steam as the environment.
10. Revised AMP XI.M38 to recommend that when surface irregularities that could be indicative of an unexpected level of degradation due to corrosion and corrosion product deposition are detected, follow-up wall thickness measurements are conducted.
11. Revised AMP XI.M32 to clearly state that one-time inspections are conducted before the end of the current operating term.
12. Corrected an editorial error in AMP XI.M18 by replacing the term “and” with “or” for the list of options when conducting inspections of closure bolting installed in air-filled or gas-filled systems.
13. Revised AMP XI.M18 to provide recommendations for closure bolting installed in systems that are not normally pressurized.
14. Revised the aging effects for fiberglass piping to address: cracking, blistering, loss of material due to exposure to ultraviolet light, ozone, radiation, temperature, or moisture.
15. For high density polyethylene and fiberglass piping deleted change in color as an aging effect.
16. Revised line items and further evaluation section for drywell and suppression chamber flow orifice and spray nozzles to cite any metal.
17. Revisions to GALL-SLR Report and SRP-SLR to: (a) insert the term “relevant in front of research and development operating experience searches; and (b) describe the intent of the term “relevant.”
18. Added line items citing polymeric materials as a general material type rather than a specific material type (e.g., polyvinyl chloride, fiberglass). Given the general nature of the material citation, an extensive list of aging effects is recommended. A change to the Chapter IX.C use of the term “various polymeric materials” provides aging effect

exemptions for specific environments (e.g., flow blockage due to fouling is not addressed for external air).

Public Comments:

Mr. Blocher requested that in regard to the review of relevant research and development, a clarification be added associated with the national lab examples. The staff agreed to insert wording similar to “distributed by the staff using generic communications.”

Mr. Piha and Mr. Hanson stated that given the value added by comments coordinated by NEI for previous versions of the subsequent license renewal documents, they requested that the revised documents be provided to the public in time to provide feedback on any potential errors. Ms. Brady stated that she would attempt to meet this request, but also explained that due to publication deadlines that additional comments would not be addressed. The NRC has addressed all of NEI’s previous comments on the draft SLR documents. The red-line version of the SLR documents will be made publicly available sometime in May.

Teleconferenced Participation List:

WHolston, NRC
BBrady, NRC
EGettys, NRC
JHanson, NEI
EBlocher, STARS
APiha, Exelon
RCoad, FirstEnergy
RThompson, Corporate Nuclear Licensing
TMeikle, Westinghouse

cc: Reactor License Renewal
Stakeholder: GovDelivery

SUBJECT: SUMMARY OF THE TELECONFERENCE MEETING BETWEEN THE U.S.NUCLEAR REGULATORY COMMISSION STAFF AND NUCLEAR ENERGY INSTITUTE TO DISCUSS RECENT CHANGES TO SUBSEQUENT LICENSE RENEWAL DOCUMENTS

DISTRIBUTION:

E-MAIL:

PUBLIC

PMNS Receptionist (OWFN)

RidsNrrDir Resource

RidsNrrDirRerp Resource

RidsNrrDirRpgb Resource

RidsNrrDirRarb Resource

RidsNrrDirRasb Resource

RidsNrrDeResource

RidsNrrCrgrResource

WHolston, NRR

SBloom, NRR

BBrady, NRR

EGettys NRR

ADAMS Accession No. ML17108A491

OFFICE	LA:RPGB:DLR*	PM:RPGB:DLR	BC:RPGB:DLR
NAME	YEdmonds	EGettys	SBloom
DATE	5/3/17	5/4/17	5/5/17

OFFICIAL RECORD COPY