U.S.NRC

United States Nuclear Regulatory Commission

Protecting People and the Environment

NRC Discussion Items NRC/SGTF Meeting February 2017

Andrew Johnson
Alan Huynh

Revision to 10 CFR Part 50.55a, Codes and Standards

- NRC staff held a public meeting on March 02, 2016, where they presented a revised rule 10 CFR 50.55a(b)(2)(xxx). The proposed revised rule was based on feedback received from the public during the public comment period.

- In general, comments requested more specificity on type of examination, the timing of the examination, the objective of the examination, the acceptance criteria, and personnel qualifications

- Final Rule is in the concurrence process and is expected to be issued by mid-year 2017. However, due to timing, the new rule will not be included in the 2017 paper copies of Title 10 CFR.

Inspection Procedure 71111 Attachment 08 (71111.08)

- 02.04 Steam Generator (SG) Tube Inspection Activities
  - k. If the licensee has identified evidence that thermal-hydraulic conditions have changed significantly (e.g., significant reduction in steam pressure/output, difficulty in controlling secondary side water level) or may change significantly (e.g., excessive deposit buildup as indicated by visual inspection or eddy current mapping), review the licensee's corrective actions in conjunction with step 02.05 below.

- Clarifications for wear & deposit buildup
  - Wear beyond typical depths/locations for similar designed SGs
  - Deep wear scars not anticipated in Operational Assessment, not related to loose parts
  - Deposits to a quantity that would cause one to question if secondary flow paths could be significantly altered

Divider Plate and Tube-to-Tubesheet Weld Cracking

- License Renewal – Interim Staff Guidance (LR-ISG) notice of availability for LR-ISG-2016-01 (ML16237A383) was published in the Federal Register on December 7, 2016 (81 FR 88276).

- This LR-ISG describes changes to aging management program (AMP) XI.M19 "Steam Generators," and the aging management review (AMR) items for steam generator components in NUREG-1801 "Generic Aging Lessons Learned (GALL) Report," Revision 2, and NUREG-1800 “Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants" (SRP-LR), Revision 2.

Steam Generator Points of Contact

- Paul Klein – (301) 415-4030
  Paul.Klein@nrc.gov

- Andrew Johnson – (301) 415-1475
  Andrew.Johnson@nrc.gov

- Alan Huynh – (301) 415-1137
  Alan.Huynh@nrc.gov