

Status of NRC Staff Review of Seabrook License Renewal Application

May 9, 2017

To Complete Staff's Safety Review

- Complete review and documentation of License Renewal Interim Staff Guidance (LR-ISG)-2016-01
- Complete review and documentation of Bolting Integrity Aging Management Program (AMP) Request for Additional Information (RAI)
- Complete review and documentation of Alkali-Silica Reaction (ASR) issue

LR-ISG-2016-01

LR-ISG-2016-01, Changes to Aging Management Guidance for Various Steam Generator Components

- RAI response to ISG-2016-01: May 19, 2017
- Safety Evaluation Report (SER) development to follow

Bolting Integrity AMP RAI

- Clarification call: NLT May 19, 2017
- Issue RAIs: NLT May 19, 2017
- RAI response due: June 18, 2017
- SER development to follow

Alkali-Silica Reaction (ASR)

- Issued follow-up RAIs on March 29, 2017 (ML17088A614)
- RAI response is due back on June 14, 2017
- Applicant's building deformation study is due to be completed in June 2018
- Potential audit upon applicant incorporation of building deformation results into LRA AMPs
- Discussion between staff and applicant today.

ASR Requests for Additional Information

- Clarify acceptance criteria for in-plane expansion
- Provide technical basis for future actions to validate the modulus-to-expansion correlation
- State the specific parameters monitored and acceptance criteria for building deformation monitoring program (BDMP)
- Provide AMR results that identify the SSCs managed by the BDMP

License Condition Consideration

Based on case law (Commission Order CLI-00-13), the Commission requires that license conditions be written such that:

- Verification of compliance is largely ministerial
- Verification should validate compliance without having to make overly complex judgement