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, 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