



RIC 2013
NRC Overview on Subsequent License Renewal

March 14, 2013

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Overview

- NRC's Perspective on Subsequent Renewals
- License Renewal Milestones
- Establishing the Subsequent License Renewal (SLR) Regulatory Framework
- SLR Regulatory Framework Timeline
- Evolution of Aging Management Programs (AMPs)
- Expectations of Industry for SLR
- NRC's SLR Project & Contacts

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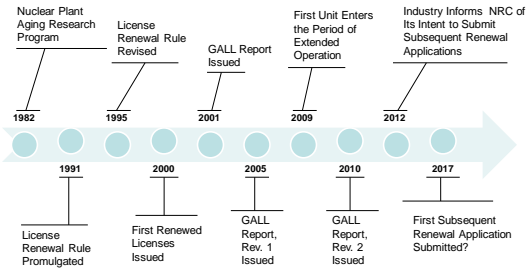
NRC's Perspective on Subsequent Renewals

- 17 units are in the period of extended operation (PEO)
 - Also currently eligible for subsequent renewal
- Anticipate more lessons learned as number of units in PEO increase
- Older plants will reach the end of first license extension period as early as 2029
- Requirements, guidance, and process need to be completed by receipt of first application

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License Renewal Milestones



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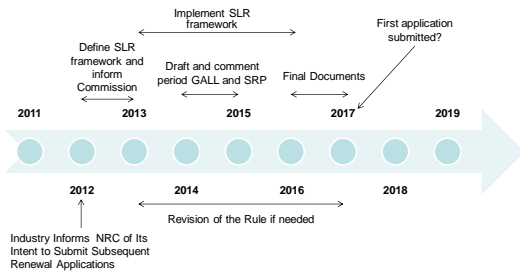
Establishing the SLR Regulatory Framework

- Public meeting in May 2012 and Webinars in November 2012 to receive general comments for SLR
- Internal discussions to identify technical, regulatory, and process issues
- Normal regulatory processes to gain stakeholder input
- Workshops
- AMP Effectiveness Audits
- Expanded Materials Degradation Assessment (EMDA)
- Review Periodic Safety Review summary reports

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SLR Regulatory Framework Timeline



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Evolution of Aging Management Programs

- AMPs for which our current knowledge of material degradation and methods of prevention and mitigation are sufficient
- Current AMPs that will require enhancements for operation in an extended period
- New AMPs will probably be required

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Expectations of Industry for SLR

- Industry is responsible for safe operation of the plants
- Demonstration of technical basis for SLR
 - AMP effectiveness is a dynamic process
 - Understand technical issues
- Update industry guidance

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NRC's SLR Project

- NRR, Division of License Renewal
 - Project Management
 - Technical
 - Regulatory & Process
 - Technical Review
- Support from other NRR Divisions & Offices
 - Research

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Contacts

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