

Status of Subsequent License Renewal (SLR) in the United States

Allen Hiser

Office of Nuclear Reactor Regulation
Division of Materials and License Renewal

Materials Information Exchange Meeting
May 22, 2018
Rockville, MD

Overview

- Status of License Renewal in the US
- Development of Guidance for Subsequent License Renewal (SLR)
- Status of SLR Applications

License Renewal Status

- **Status of license renewal activities:**
 - 89 reactors received renewed licenses
 - 5 reactors currently under review
 - 4 upcoming units between 2021 and 2022
 - 50 reactors will be in the period of extended operation by the end of the year

Subsequent License Renewal Guidance

- **Generic Aging Lessons Learned for Subsequent License Renewal (GALL-SLR) Report (NUREG-2191) – July 2017**
 - Provides acceptable methods to manage aging effects
 - Plant-specific alternatives may be proposed
- **Standard Review Plan for Review of Subsequent License Renewal Applications for Nuclear Power Plants (SRP-SLR) (NUREG-2192) – July 2017**
 - Provides guidance to NRC staff reviewers to perform safety reviews of SLR applications

Subsequent License Renewal Guidance

- **“Technical Bases for Changes in the Subsequent License Renewal Guidance Documents NUREG–2191 and NUREG–2192” – NUREG-2221 (December 2017)**
- **“Disposition of Public Comments on the Draft Subsequent License Renewal Guidance Documents NUREG-2191 and NUREG-2192” – NUREG-2222 (December 2017)**

Subsequent License Renewal Status

- **Status of SLR applications:**

- 1 application under review

- Turkey Point Units 3 and 4

- 3 applications planned

- Peach Bottom Atomic Power Station, Units 2 and 3
- Surry Power Station, Units 1 and 2
- North Anna Power Station, Units 1 and 2