



Diablo Canyon Units 1 and 2, Pre-Submittal License Renewal Process Overview and End of Cycle Assessment

Webinar will begin shortly

POC: Brian.Harris2@nrc.gov

ADAMS ML23118A090

Meeting Logistics

- The NRC will provide an overview of end of cycle assessment and the license renewal process.
- Attendees will have an opportunity to ask questions or make comments.
- No regulatory decisions will be made at today's meeting.

Overall Agenda

Time	Topic	Speaker
6:00 pm (PST)	Introduction/Opening Remarks	NRC
6:05 pm (PST)	End of Cycle Assessment Presentation	NRC
6:15 pm (PST)	License Renewal Overview Presentation	NRC
6:40 pm (PST)	PG&E Presentation	PG&E
6:50 pm (PST)	Public Comments	All
9:00 pm (PST)	Adjourn	



U.S.NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

Opening Remarks



Robert Taylor
U.S. NRC

Deputy Office Director For New Reactors
Office of Nuclear Reactor Regulation



John Monninger
U.S. NRC
Region IV

Deputy Regional Administrator

Introductions

- Rob Taylor, Deputy Office Director, Office of Nuclear Reactor Regulation (NRR)
- John Monninger, Regional Administrator, Region IV
- John Moses, Deputy Division Director, Office of Nuclear Material Safety and Safeguards (NMSS)
- Lauren Gibson, Branch Chief (NRR)
- Patricia Vossmar, Branch Chief, Region IV
- Brian Harris, Senior Project Manager, NRR
- Kim Conway, Environmental Project Manager, NMSS



U.S.NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

Diablo Canyon 2022 End of Cycle Assessment

May 3, 2023

Patricia Vossmar, Branch Chief

RIV/DORS/PBA

Independent Plant Assessment

Resident Inspectors

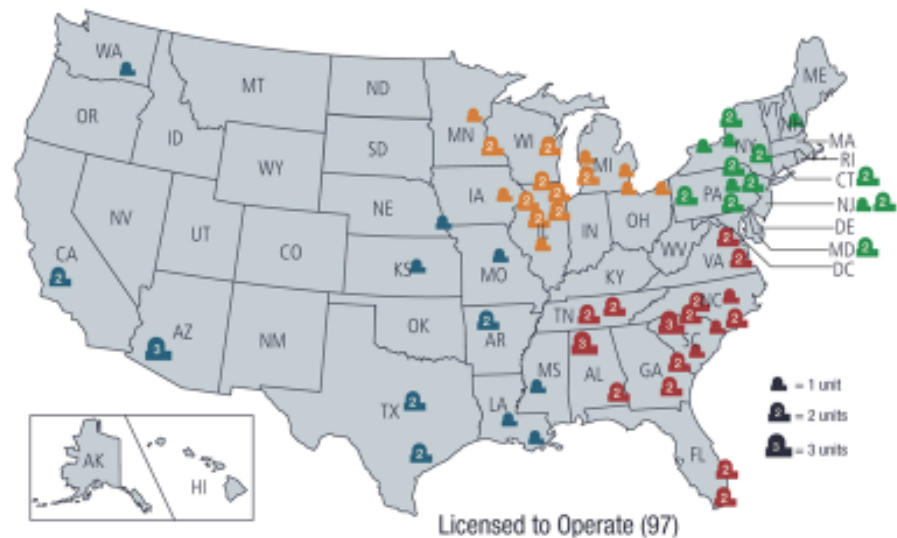
Regional Inspectors

Branch Chief Oversight

Management Engagement

Reactor Oversight Process (ROP)

U.S. Operating Commercial Nuclear Power Reactors



Reactor Oversight Process

Performance Indicators + Findings
= Independent Plant Assessment

Significance Threshold

Performance Indicators	Green:	Baseline Inspection
	White:	Increases NRC oversight
	Yellow:	Increases NRC oversight
	Red:	Increases NRC oversight
Inspection Findings	Green:	Very low significance safety issue
	White:	Low to moderate safety issue
	Yellow:	Substantial safety issue
	Red:	High safety issue

NRC Action Matrix Columns

Plant Assessment = Performance Indicators + Findings

1	2	3	4	5
Licensee Response	Regulatory Response	Degraded Performance	Multiple/Repetitive Degraded Cornerstone	Unacceptable Performance



Increasing Safety Significance

Independent Assessment Summary

Diablo Canyon Power Plant, Units 1
and 2, operated safely and in a
manner that preserved the public
health and safety and protected the
environment.

Sample of Upcoming 2023 Inspections

- Licensed Operator Requalification Program and Performance
- Emergency Preparedness
- Radiation Protection
- Inservice Inspection
- Cybersecurity



U.S.NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

License Renewal Process Overview

May 3, 2023

Brian Harris, Senior Safety Project Manager
Kim Conway, Environmental Project Manager

Agenda

- Background on request for resumption or an exemption
- License Renewal (SLR) Overview
 - Safety Review
 - Environmental Review

Background: Diablo Canyon License Renewal

- The License Renewal Application (LRA) for Diablo Canyon Power Plant was submitted on November 23, 2009.
- On March 7, 2018, the licensee withdrew the previously submitted application.
- The current operating license expiration dates are November 2, 2024 and August 26, 2025, respectively.

Background: Request for Resumption or Exemption

- On October 31, 2022, the licensee requested resumption of prior LRA or an exemption to timely renewal
- On January 24, 2023, (ML22343A197) the staff notified PG&E of its decision to not resume review of the LRA
- On March 2, 2023, (ML23026A115) the staff granted exemption from 10 CFR 2.109 .

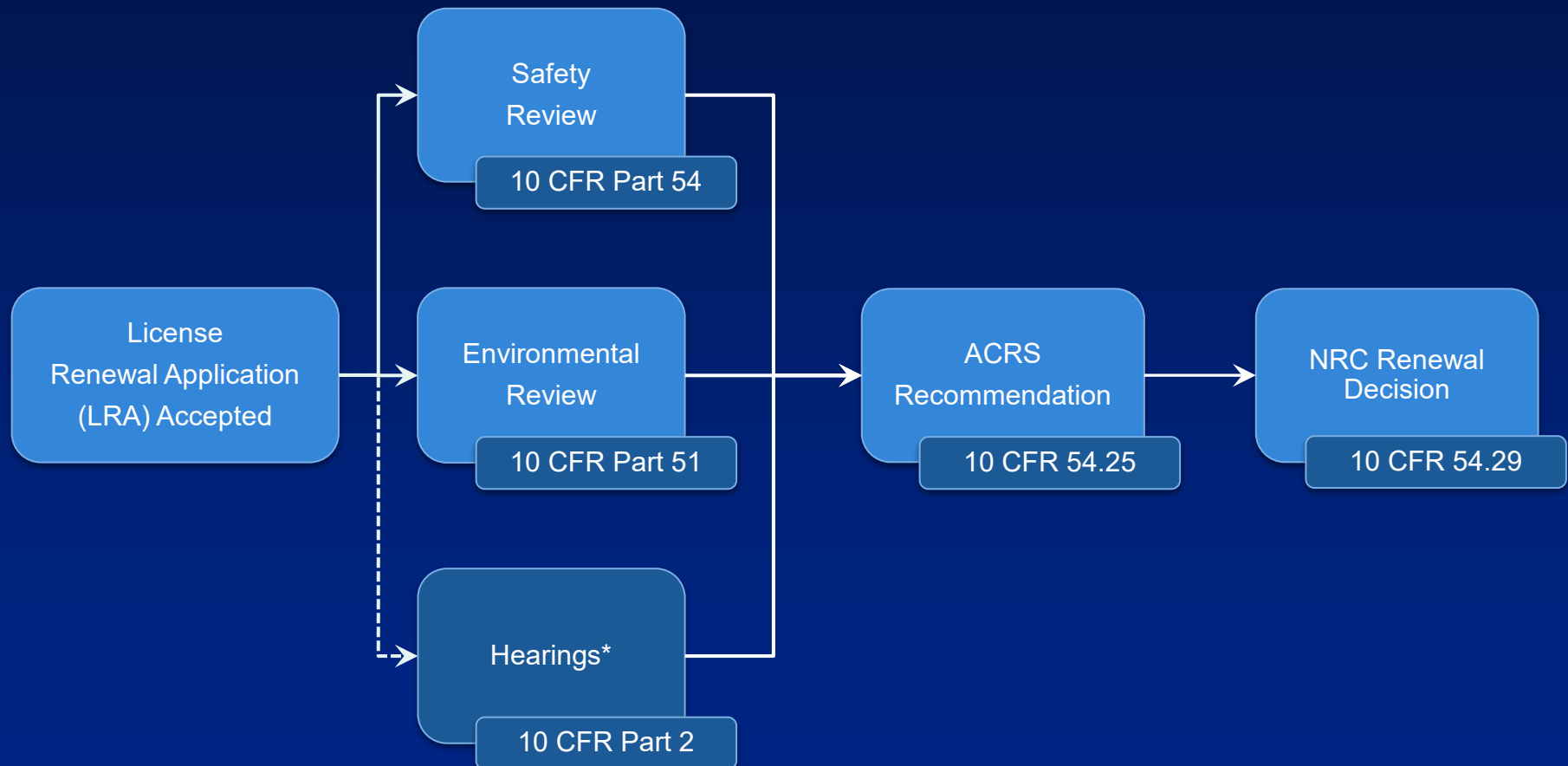
Background: 10 CFR 2.109 (b) **"Timely Renewal Provision"**

- 10 CFR 2.109(b) provides that if a nuclear power plant licensee files a sufficient license renewal application “at least 5 years before the expiration of the existing license, the existing license will not be deemed to have expired until the application has been finally determined.”

Contents of Application

- General information about the plant owner or operator
- Technical information about plant structures and components and how the applicant proposes to manage plant aging
- Environmental Report

Process Overview

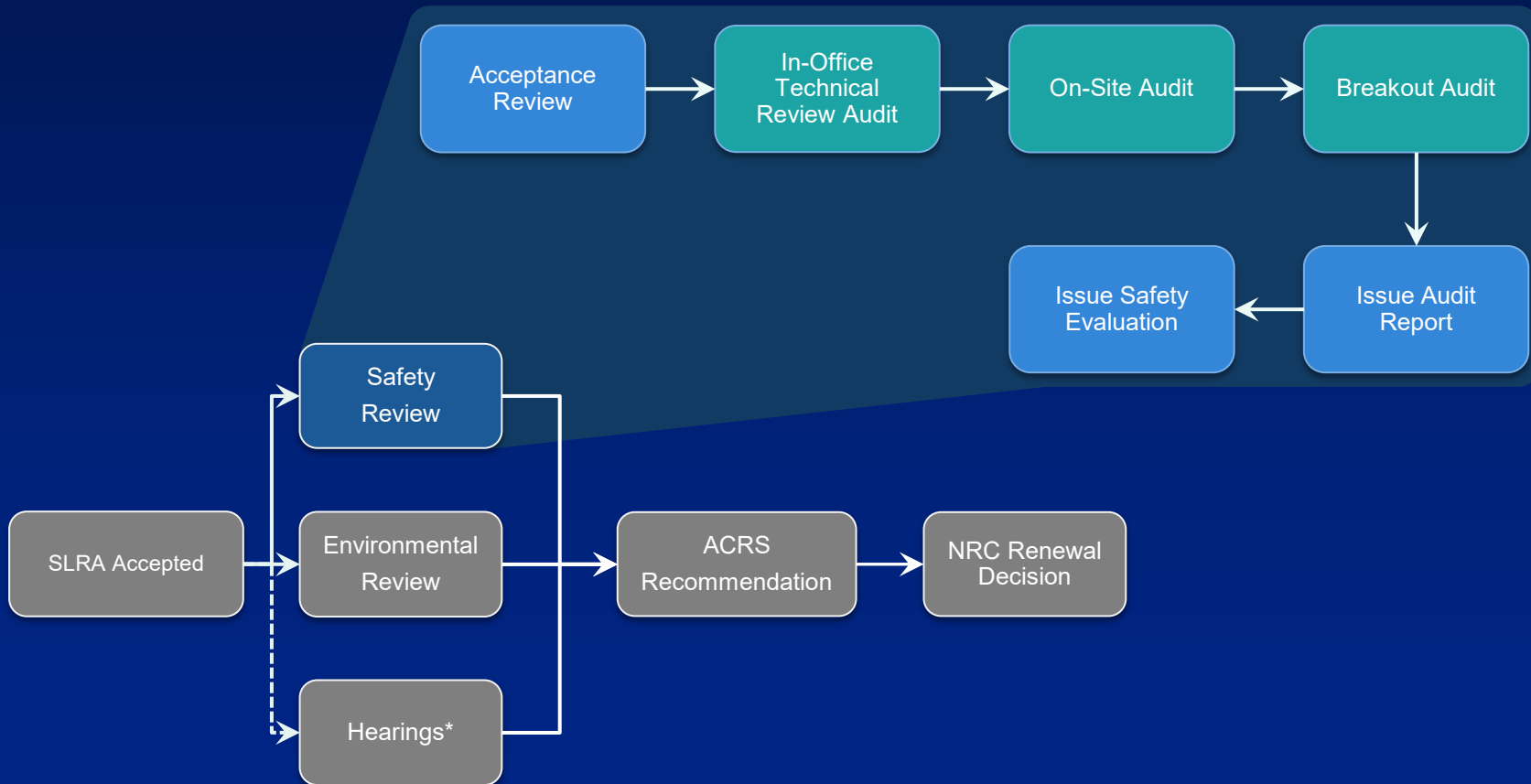


** If a Request for Hearing is Granted*

License Renewal Inspections

- IP 71013
- Outage-based inspection
- Unit 1, Fall 2023
- Unit 2, Spring 2024
- IP 71002
- Scoping and screening
- Aging Management Programs
- Operating Experience
- Units 1&2 Summer 2024

Safety Review Milestones



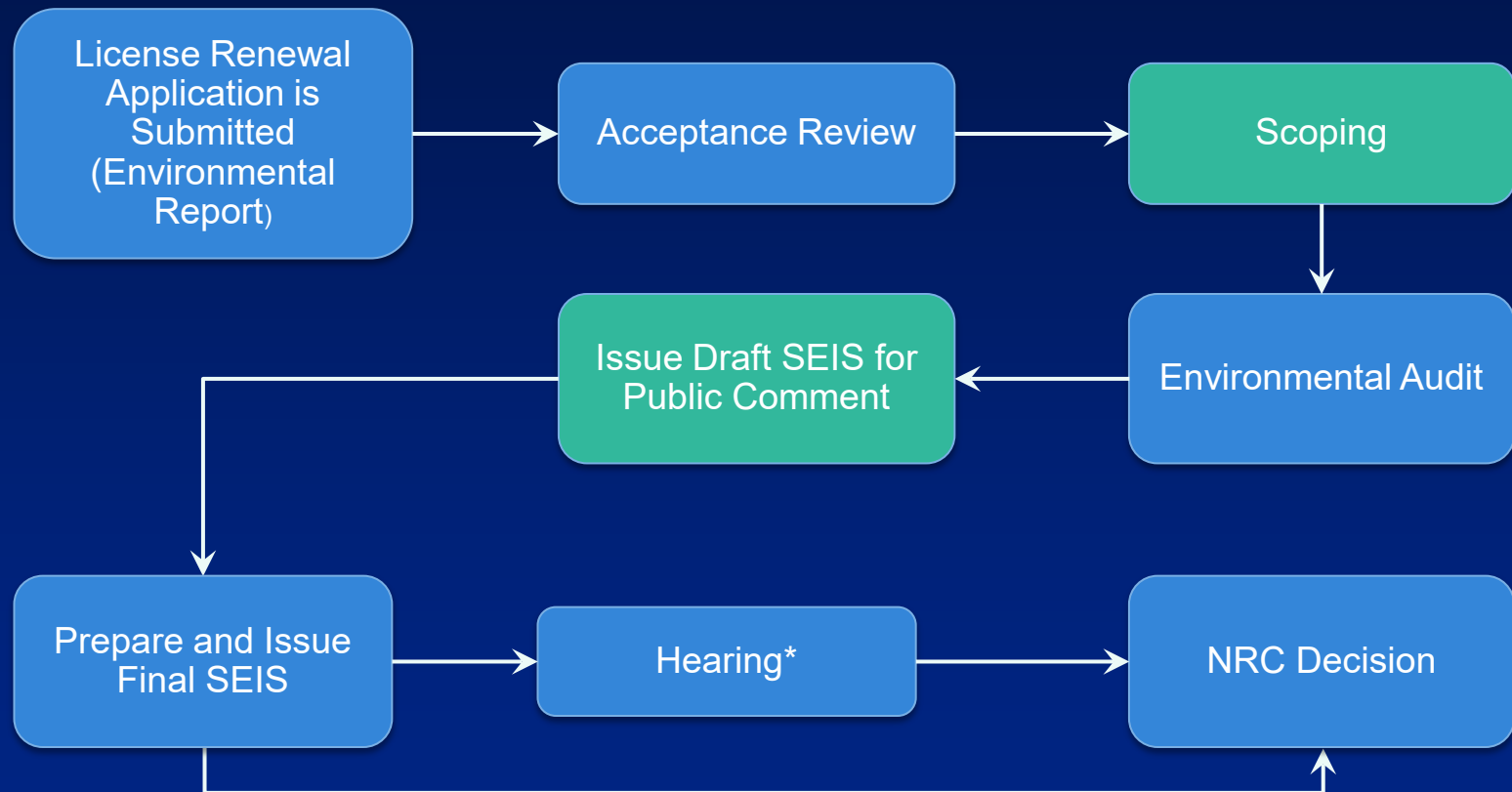
Environmental Review

- National Environmental Policy Act (NEPA)
 - Informs Federal decision making
 - Public disclosure of environmental impacts and other considerations
- NRC's Environmental Regulations
 - 10 CFR Part 51
- Staff review is to determine if the environmental impacts of license renewal are so great that license renewal would be unreasonable

Environmental Review (continued)

- Consider, analyze, and disclose environmental impacts of continued plant operation and alternatives to license renewal
- Identify and assess new and significant information regarding generic conclusions reached in the Generic EIS for License Renewal (LR GEIS)
- Staff evaluates site-specific issues in a Supplemental Environmental Impact Statement (SEIS) to the LR GEIS

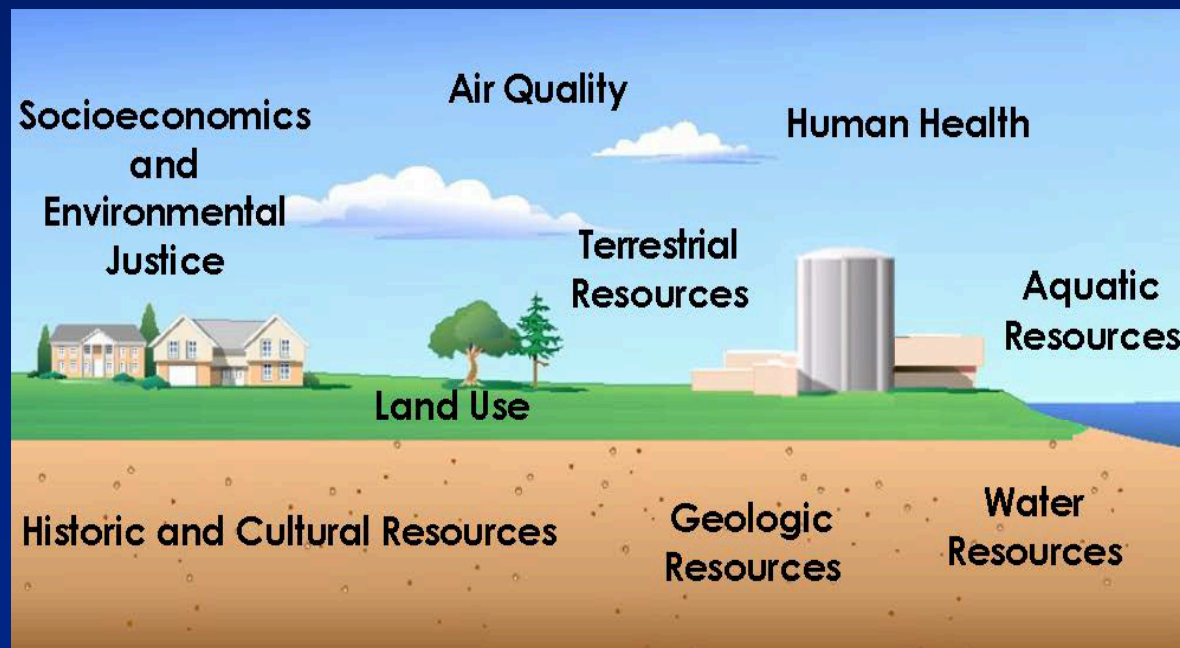
Environmental Review Process (License Renewal)



** If a Request for Hearing is Granted*

Environmental Impact Statement

- Staff evaluates impacts to resources
 - Fish and wildlife
 - Water, air, terrestrial resources
 - Historical & cultural resources
 - Socioeconomics
 - Environmental justice
 - Human health
 - Land use



Agency Coordination and Consultation



Project Manager Contacts

- Brian Harris, Safety PM
 - 301-415-2277
 - Brian.Harris2@nrc.gov
- Kim Conway, Environmental PM
 - 301-415-1335
 - Kimberly.Conway@nrc.gov
- Sam Lee, Operating Reactor PM
 - 301-415-3168
 - Samson.Lee@nrc.gov