Good Evening the meeting will begin shortly

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Region IV Column I Nuclear Power Plants

2020 Annual Assessment Meeting

Welcome

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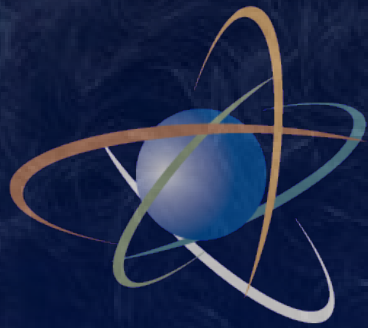
Agenda

- Introductions

- Regulatory Oversight Process Overview

- COVID-19 Impacts on NRC Oversight

- Resident Inspector Program

- Power Reactor 2020 Performance Assessment Summary

- Question and Answer Session

Public Participation

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- During the formal presentation, members of the public will be muted.

- Members of the public are invited to participate in this meeting after the formal presentation. Signal the phone bridge moderator by pressing *1 if you want to ask a question.

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INTRODUCTIONS

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FACILITATOR
Frances Ramirez
Senior Reactor Inspector
Inspection Program & Assessment Team

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PRESENTER
Neil Day
Resident Inspector
Comanche Peak Resident Office

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Additional Presenters

Ayesha Athar
Resident Inspector
Diablo Canyon

Lindsay Merker
Resident Inspector
Columbia

Don Krause
Senior Resident Inspector
Diablo Canyon

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Question and Answer Session Panel

Jeff Josey
Chief, Branch A

Neil O'Keefe
Chief, Branch B

Jason Kozal
Chief, Branch C

John Dixon
Chief, Branch D

Sites
Columbia
Diablo Canyon
South Texas

Sites
Callaway
Comanche Peak
Wolf Creek

Sites
Cooper
Grand Gulf
River Bend

Sites
Arkansas Nuclear One
Palo Verde
Waterford

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Regulatory Oversight Process Overview

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NRC Mission Statement

The NRC licenses and regulates the nation's civilian use of radioactive materials to provide reasonable assurance of adequate protection of public health and safety and to promote the common defense and security and to protect the environment.

NRC's Reactor Oversight Process (ROP)

- Implemented in each of the four NRC regions

- Involves both inspection and assessment activities

- Implemented by regional and onsite resident NRC inspectors

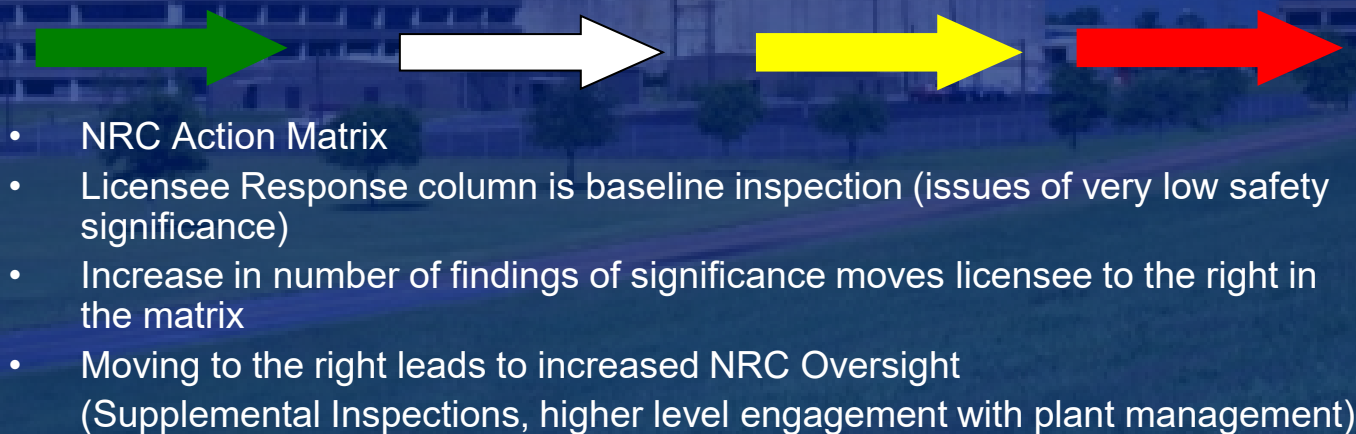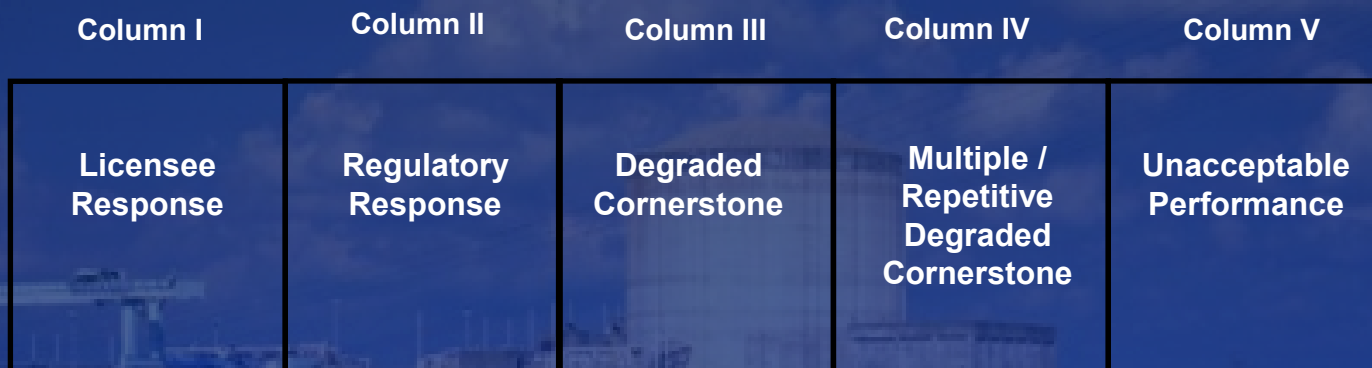- Assesses performance using performance indicators and findings

NRC Reactor Oversight Process (ROP)

Performance Indicators (PIs)

- PIs consist of a variety plant data submitted by the licensees each quarter that demonstrates the reliability and availability of plant equipment and processes

- Verified by inspection

NRC Reactor Oversight Process (ROP)

Column I	Column II	Column III	Column IV	Column V
Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple / Repetitive Degraded Cornerstone	Unacceptable Performance

- NRC Action Matrix
- Licensee Response column is baseline inspection (issues of very low safety significance)
- Increase in number of findings of significance moves licensee to the right in the matrix
- Moving to the right leads to increased NRC Oversight
  (Supplemental Inspections, higher level engagement with plant management)

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Region-Based Inspections

- NRC Region IV traveling and team inspections

- Onsite inspections including:

  - Engineering

  - Operator Qualification Examinations

  - Radiation Protection

  - Emergency Planning

  - Security

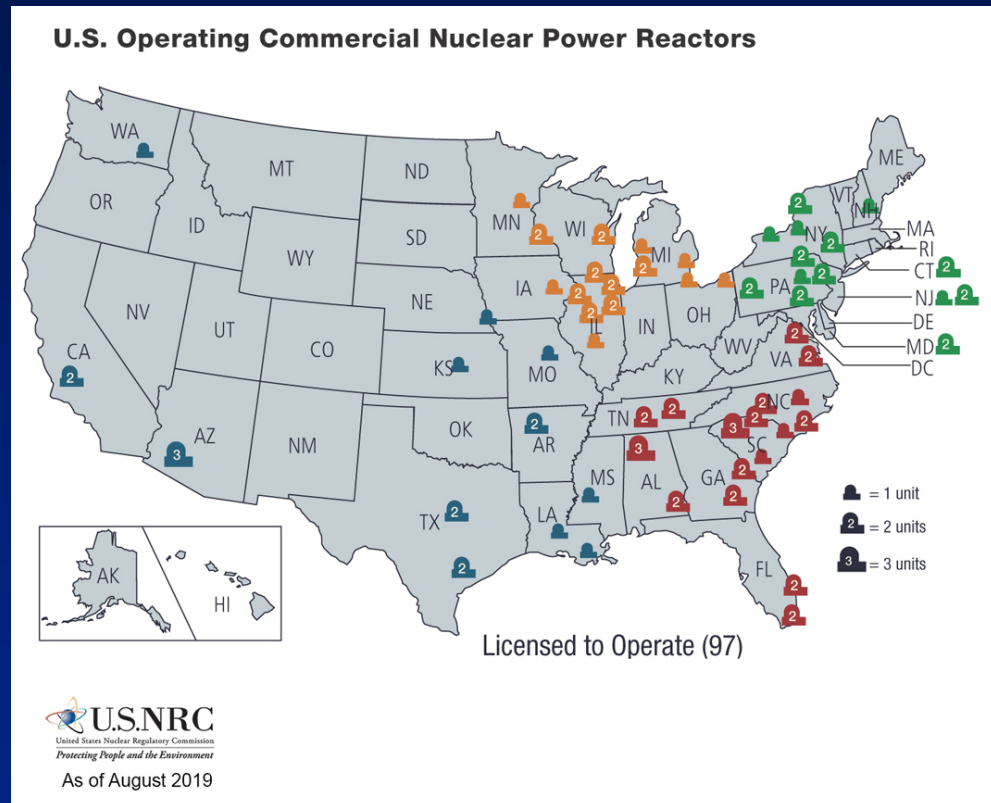 - Independent Spent Fuel Storage Installations

NRC Response to COVID-19

- NRC continues to monitor licensee's operations and the threat environment, and maintain the ability to rapidly respond to safety or security-related events.

- Resident Inspectors make less frequent but regular visits to sites

- Residents use remote monitoring when not on site

- Monitoring inspections but goal remains to complete the baseline by year end

Resident Inspector Program

U.S. Operating Commercial Nuclear Power Reactors

Licensed to Operate (97)

As of August 2019

Resident Inspector Program

NRC resident inspector teams provide daily oversight of plant activity

- Control room

- Meetings

- Walkdowns

- Unfettered access

Resident Inspector Program

NRC resident inspector teams provide rigorous oversight of plant activities:
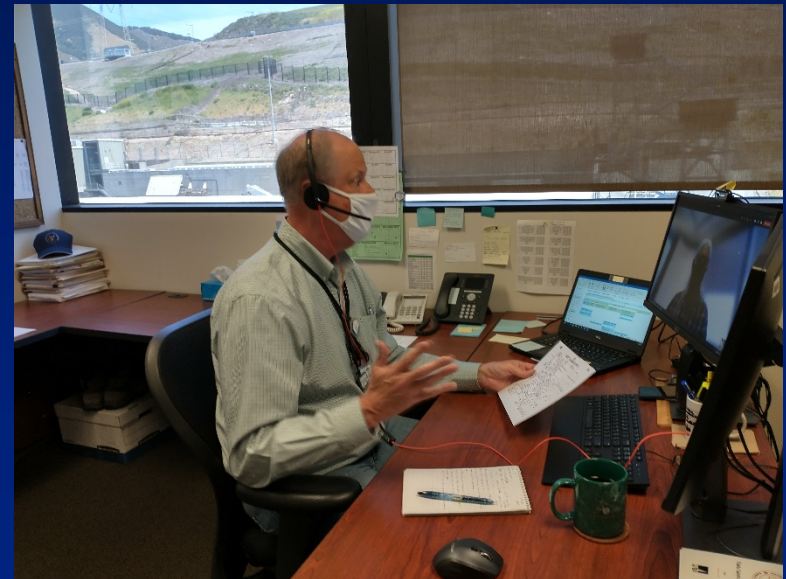
- Select risk significant activities to inspect

- Inspect and participate in emergency preparedness drills and exercises

- Visit other plants for objectivity

Resident Inspector Program

NRC resident inspectors are the highly trained eyes and ears of the agency that live in the site communities:

- Extensive qualification and periodic training requirements

- Receive concerns

- Provide 24/7 site emergency response coverage

Power Reactor 2020 Performance Assessment Summary

Ten Region IV power reactor facilities remain in Column 1 of the Reactor Oversight Process action matrix (licensee response column)
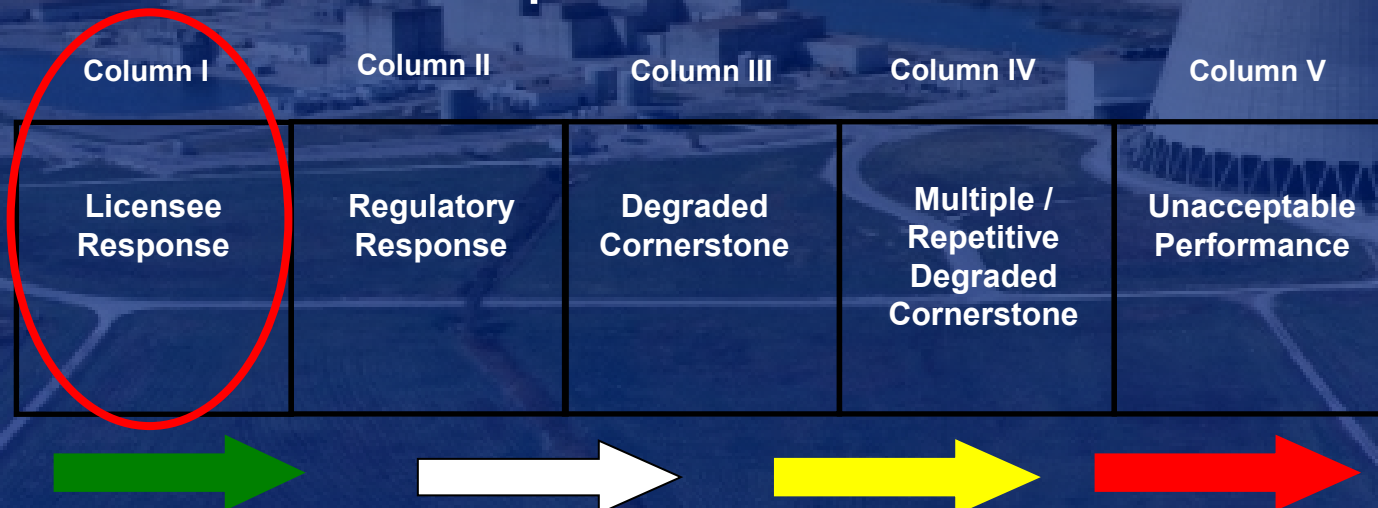
These include:

Arkansas Nuclear One (AR); Comanche Peak (TX); Columbia (WA); Cooper (NE); Diablo Canyon (CA); Palo Verde (AZ); River Bend (LA); South Texas Project (TX); Waterford (LA); and Wolf Creek (KS)

NRC Annual Assessment Summary

All performance indicators and all inspection findings for the ten sites were Green (very low safety significance) in the 2020 assessment period.

Column I	Column II	Column III	Column IV	Column V
Licensee Response	Regulatory Response	Degraded Cornerstone	Multiple / Repetitive Degraded Cornerstone	Unacceptable Performance

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NRC Annual Assessment Summary

End-of-Cycle letters for 2020 for all Region IV power reactor facilities are located at this link:

[Open Public Website (2020 Annual Assessment Letters)](#)

[Today's Meeting Announcement](#)

NRC Social Media

- Twitter: https://twitter.com/nrcgov
- Facebook: https://www.facebook.com/nrcgov
- YouTube: https://www.youtube.com/user/NRCgov
- Flickr: https://www.flickr.com/photos/nrcgov/sets
- LinkedIn: https://www.linkedin.com/company/u-s--nuclear-regulatory-commission
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Contacting the NRC

- Report an emergency
  - (301) 816-5100 (call collect)

- Report a safety concern
  - (800) 695-7403
  - Allegation@nrc.gov

- General information or questions
  - www.nrc.gov
  - Select "What We Do" for Public Affairs

Question and Answer Session

Members of the public are invited to participate in this meeting after the formal presentation. Signal the phone bridge moderator by pressing **1** if you want to ask a question.

If we were not able to answer your question, submit an E-mail to the NRC to Frances.Ramirez@nrc.gov.

Scan for link to the meeting announcement and feedback form

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