

H.B. Robinson Steam Electric Plant Unit No. 2 2021 Annual Assessment Meeting

Reactor Oversight Process
Nuclear Regulatory Commission – Region II

Purpose



Discuss licensee performance in 2021



Address Findings and Performance Indicators



Information Meeting with a Q&A Session



Agenda

- Introductions
- NRC Mission Statement and Strategic Goals
- NRC Resident Inspector Program
- NRC COVID-19 Response
- Reactor Oversight Process Review
- Annual Assessment Summary
- Questions/Answers



Introductions



- H. B. Robinson Resident Inspectors
 - Matthew Fannon – Senior Resident Inspector
 - Jacqwan Walker – Acting Resident Inspector
 - Vanna Gaffney – Incoming Permanent Resident Inspector

- Regional Personnel
 - David Dumbacher – Branch Chief
 - Jeffrey Hamman – Senior Project Engineer

NRC Mission Statement and Strategic Goals



- 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
- Safety Strategic Goal – Ensure the safe use of radioactive materials
- Security Strategic Goal – Ensure the secure use of radioactive materials

Resident Inspector Program

- Resident inspectors live in the communities they serve
- Perform inspections onsite at Robinson
- Provide daily oversight of plant activities, including the control room
- Routinely discuss safety concerns with plant personnel and senior management
- Observe emergency drills and provide support to NRC decision makers for actual emergencies or urgent issues



NRC Response to COVID-19



**Monitor plant activities
through inspections &
oversight**



**Maintain emergency
response capabilities**



**Risk-inform
"eyes on" inspections**



NRC Response to COVID-19



**Expanded use of telework
where appropriate**



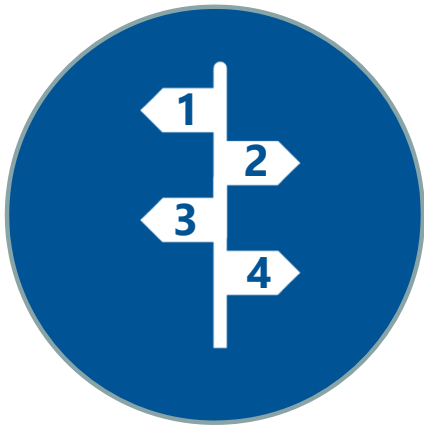
**Maintained Continuity
of Operations**



**Coordinated w/ industry
on best practices**

<https://www.nrc.gov/about-nrc/covid-19/index.html>

NRC Reactor Oversight Process



**Implemented in each
of the NRC's four
regions**



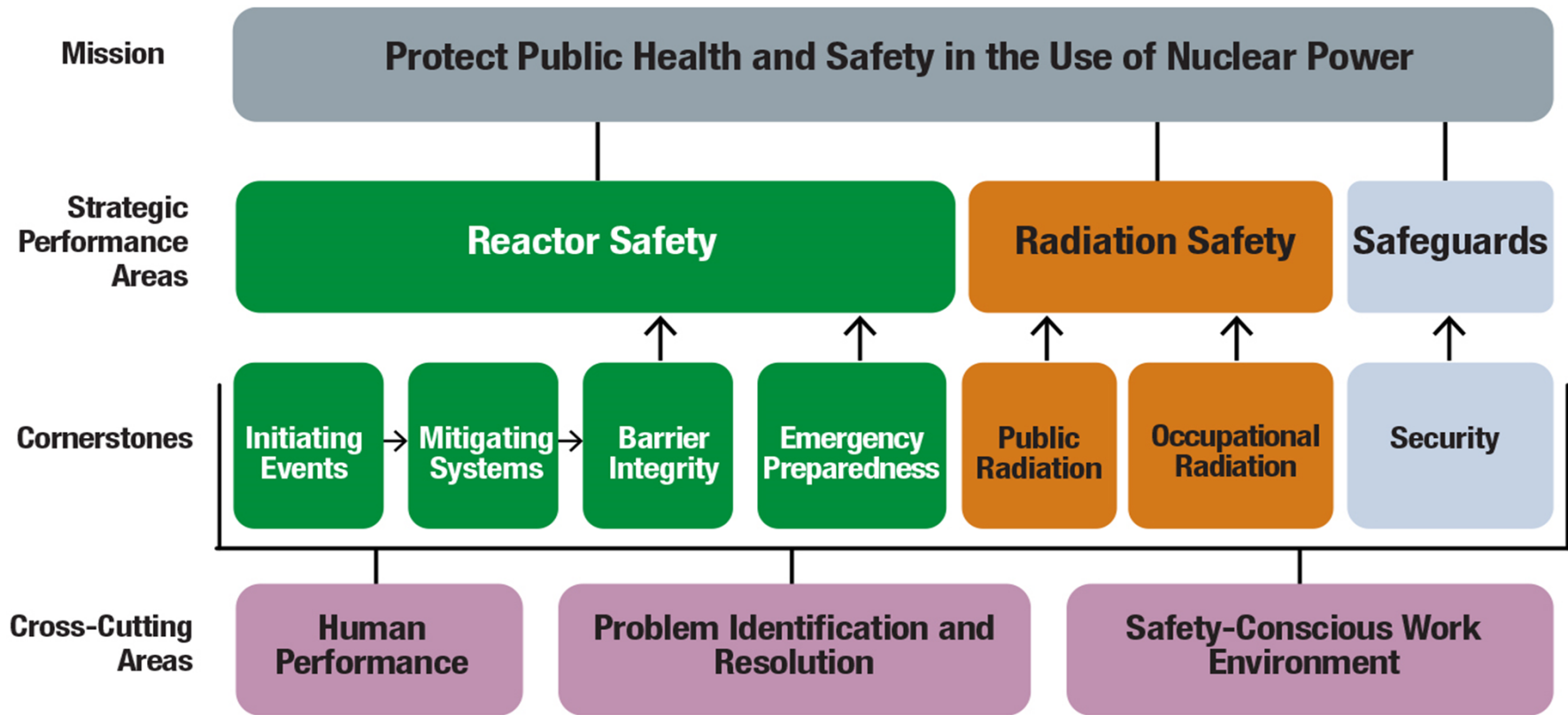
**Involves inspection and
assessment activities**



**Executed by regional
and resident inspectors**



Reactor Oversight Framework



Reactor Oversight Inputs and Oversight



	GREEN	WHITE	YELLOW	RED
Performance Indicators	Performance within an expected level; Cornerstone objectives are met	Performance outside expected range; Cornerstone objectives are still being met	Related cornerstone objectives are being met; Minimal reduction in the safety margin	Signals a significant reduction in safety margin in the area measured
Findings	Very low safety or security significance	Low to moderate safety or security significance	Substantial safety or security significance	High safety or security significance
Oversight	Baseline Inspection	Requires additional NRC oversight	Requires more NRC oversight	Requires most NRC oversight



NRC Annual Assessment Summary



- Duke/Robinson operated the plant safely and in a manner that preserved the public health and safety and protected the environment
- Robinson was in the Licensee Response Column of the NRC's ROP Action Matrix for all of 2021
- NRC plans to conduct routine baseline inspections at Robinson for 2022

NRC Inspection Activities Robinson for 2021



- Approximately 4,803 hours of inspection and related activities
- 2 resident inspectors assigned for onsite inspection coverage throughout the year
- 16 regional inspections

H. B. Robinson PIs and Findings

January 1 through December 31, 2021



- All Green Performance Indicators
- Three Green/Severity Level IV inspection findings

Reactor Oversight Action Matrix Performance Indicators



NRC Inspection Findings



- One finding of very low security significance (Green) (Inspection Report (IR) 2021404)
- Two findings of very low security significance (Green) (IR 2021401)

Questions on H. B. Robinson?

Senior Resident Inspector – matthew.fannon@nrc.gov | 404.997.5221

Main Office – 404.997.5220

Getting in Touch with the NRC



- Website – www.nrc.gov
- Report an Emergency – 301-816-5100
- Safety Concern or Allegations – 1-800-695-7403 | allegation@nrc.gov
- Questions/Information – 404-997-4417 | OPA2.Resource@nrc.gov

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Questions and Feedback



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April 13, 2022