

NRC Research and Test Reactor Inspection Activities

Kevin Roche, Reactor Inspector
Research and Test Reactors Oversight Branch
U.S. Nuclear Regulatory Commission

2019 TRTR Annual Meeting
September 25, 2019



Agenda



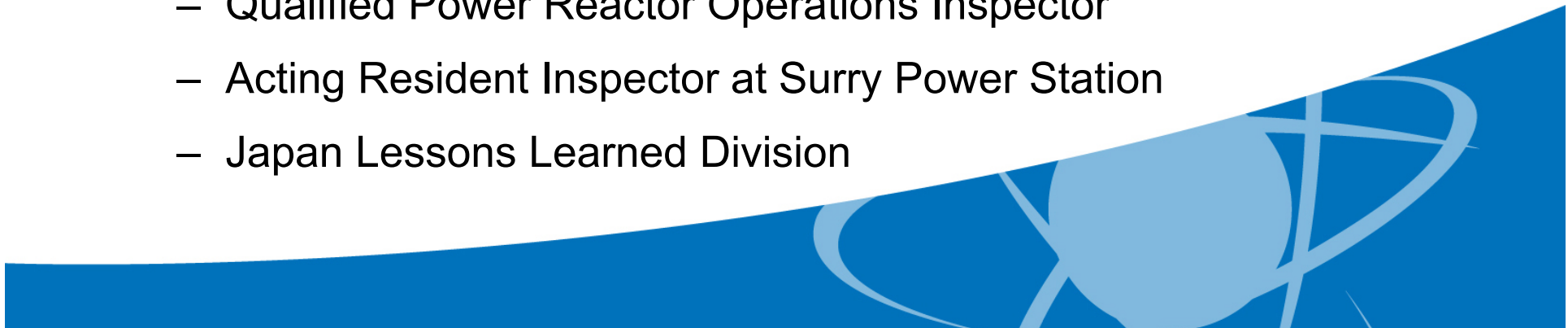
- Brief Introduction
- Inspection Year in Review
- Facility Inspector Assignment Changes
- Inspection Schedule



Brief Introduction



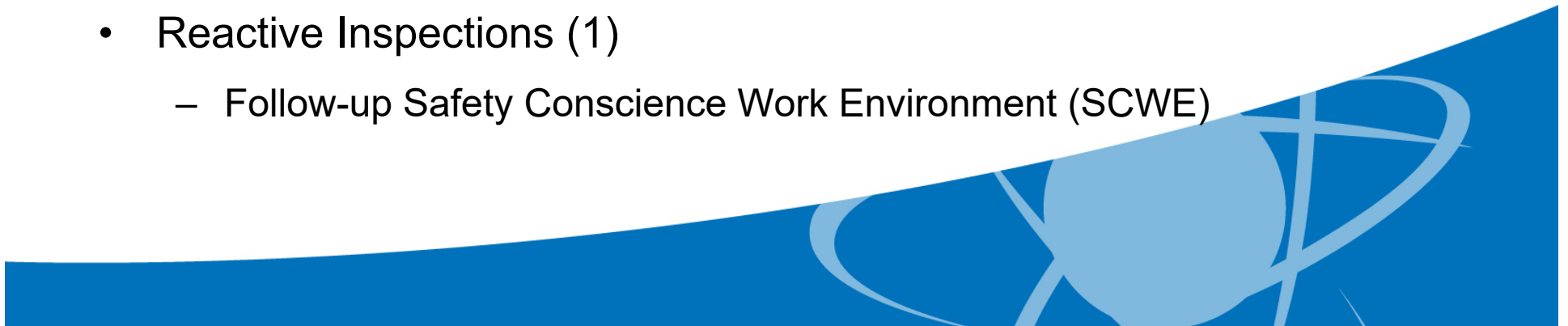
- Originally From Colorado
- B.S. in Engineering with an Electrical Specialty from Colorado School of Mines
- Worked for 6 years as a civilian Nuclear Shift Test Engineer for the Navy at Puget Sound Naval Shipyard
- With the NRC since 2010
 - Managed the Power Reactor Performance Assessment Program
 - Qualified Power Reactor Operations Inspector
 - Acting Resident Inspector at Surry Power Station
 - Japan Lessons Learned Division



RTR Inspection Program – Year in Review



- Severity Level III Violations (1)
 - Failure to maintain complete and accurate information
- Severity Level IV Violations (3)
 - Failure to meet minimum staffing requirements
 - Improper 50.59 performed
 - Security related
- Non Cited Violations (5)
 - Tech Spec Deviations
- Reactive Inspections (1)
 - Follow-up Safety Conscience Work Environment (SCWE)



RTR Inspection Program – Year in Review



- Future inspection challenges
 - Mo-99 Facilities
- Balancing Inspector workloads
 - More inspectors on staff – cross qualifying staff
 - Development of Mo-99 inspection staff



Inspector Assignments



	Craig Bassett	Mike Balazik	Kevin Roche	Bill Schuster	Mike Takacs	Phil O'Bryan
Class I	UC – Davis		NIST	MURR	MIT	
					RINSC	
Class II	Idaho State	NC State	General Elect.	Ohio State	AFRRI	SHINE
	Kansas State		U. Texas	Penn State	Dow	
	U. New Mexico		UC Irvine	Purdue	RPI	
	TX A&M - TRIGA		Washington State		U. Mass - Lowell	
	U. Florida		Oregon State			
	U. Maryland		Reed College			
	MS&T					
	U. Utah					
	USGS					
U. Wisconsin						
Class III	TX A&M - AGN		Aerotest			

Approximate Future Inspection Schedule



4th Quarter 2019

Aerotest	Oregon State
GE	Reed College
K State	RINSC
MIT	TX A&M TRIGA
MURR	UC Irvine
Ohio State	U of New Mexico
	USGS

1st Quarter 2020

NIST
UC Davis
U of Maryland
U of Texas
U of Wisconsin

2nd Quarter 2020

Aerotest	Purdue
AFFRI	UC Irvine
GE	U of Florida
MS&T	U of Utah
MURR	U of Wisconsin
Penn State	

3rd Quarter 2020

ISU	TX A&M TRIGA
MURR	UC Davis
NIST	UMASS – Lowell
RPI	WSU

USGS Summary



- On December 31, the NRC issued two violations to the United States Geological Survey (USGS)
 - Severity Level III violation and Civil Penalty for failure to maintain complete and accurate records.
 - Severity Level IV violation for failure to meet minimum staffing requirements
- The NRC also issued a Severity Level III violation to the individual.
- USGS responded to the Violation on February 25, 2019
 - Provided reasons for the violation
 - Outlined corrective actions

USGS References



- Notice of Violation and Imposition of Civil Penalty, December 31, 2018 – ML18354B170
- USGS response, February 25, 2019 - ML19066A054



Questions

