



# NRC Non-Power Reactor Oversight Activities

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Research and Test Reactors Oversight Branch  
U.S. Nuclear Regulatory Commission

2014 TRTR Annual Meeting  
August 6, 2014

# Research and Test Reactors Oversight Branch

- Branch responsibilities
  - Inspection program development and implementation
  - Operator licensing program development and implementation
  - Security oversight

## Oversight Branch Staff

Kevin Hsueh, Branch Chief

- Patrick Isaac, Sr. Project Manager
- Craig Bassett, Reactor Inspector
- Johnny Eads, Reactor Inspector
- Ossy Font, Reactor Inspector
- Gary “Mike” Morlang, Reactor Inspector
- John Nguyen, Reactor Examiner
- Beth Reed, Security Specialist
- Paulette Torres, Reactor Examiner
- Phillip Young, Reactor Examiner
- Carole Revelle, Licensing Assistant
- Paula Blechman, Licensing Assistant

# Inspection Program

- Inspection results demonstrated that NRC-licensed RTRs continue to operate safely
- No new trends identified since last year
  - All violations to date have been either minor or Severity Level IV

## Inspection Program (cont'd)

- Clarify issues associated with the regulatory requirements for nominating a “Reviewing Official”
- Follow-up inspections to assess events

# FY15 Inspection Schedule

Week of	Facility		Week of	Facility	
10/06/14	Reed*	New Mexico*	04/20/15	U of Utah	
10/20/14	NIST		04/27/15	MIT	
11/03/14	U of Utah	MURR   TAMU	05/04/15	USGS	
11/17/14	Aerotest*	MIT	05/18/15	AFRRI	
12/08/14	Reed		06/01/15	Oregon State*	GE
12/15/14	Maryland		06/08/15	UC Irvine	Purdue
01/12/15	RPI		06/22/15	U Wisconsin	MURR*   KSU*
01/19/15	NC State		07/06/15	UC Davis*	
01/26/15	Oregon State		07/13/15	New Mexico	
02/09/15	UC Davis		07/20/15	Idaho State U	
02/23/15	Rhode Island	AFRRI	07/27/15	Washington State	
03/16/15	NIST	MIT*   Florida	08/10/15	Penn State	
03/30/15	MURR	TAMU	08/17/15	DOW*	Miss-Rolla
04/06/15	UMass-Lowell		09/14/15	Rhode Island	UC Irvine   Ohio

# Operator Licensing

- Exam performance has been consistent for past several years
  - Total of 25 exams administered to 101 candidates in FY14
  - Passing rate to date
    - 36/47 for Reactor Operators
    - 26/27 for Senior Reactor Operators

## Operator Licensing (cont'd)

- Update to NUREG-1478 (Operator Licensing Examination Process for Research Reactors)
  - Clarification on topics and level of detail for exams
  - Two step denial process



## Operator Licensing (Cont'd)

- Timely/complete submittal of requests, applications, and supporting information
  - Exam requests at least 3 months in advance
  - Initial applications submitted at least 14 days prior to the exam
  - Renewal applications submitted at least 30 days prior to license expiration date

# Security Oversight

- Infrastructure development
  - Inspection procedure updates
- Part 73 Rulemaking
  - Guidance for security plan reviews/changes
    - Update Reg. Guide 5.59
- Part 74 Rulemaking

# Summary

- Inspection results demonstrated that NRC-licensed RTRs continue to operate safely
- Reactor Operator exam performance has been consistent
- Infrastructure development

# Questions

