

United States Nuclear Regulatory Commission **Protecting People and the Environment**

Research and Test Reactors Licensing Program 2014 TRTR Conference

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Research and Test Reactors Licensing Branch

- Major Areas of Responsibility
- Accomplishments
- Ongoing Focus
- Staffing Changes and Assignments
- Topics of Interest



Licensing: Major Areas of Responsibility

- Licensing project management
- Day-to-day interface with licensees
- Licensing actions
 - License amendments
 - License renewals
 - License transfers
- Medical isotope production licensing
- Licensing infrastructure
 - o NUREG 1537
 - Regulatory guides
 - ANS standards
- HEU to LEU conversions



Licensing: Accomplishments

- Continued day-to-day support of safe RTR operations
- Issuance of license amendments
- Continuation of license renewal work
- Preparing for Aerotest hearing
- Support to IAEA Code of Conduct meeting
- Supported issuance of generic communications
- Support to operations center
- GERALD R. FORD Class Aircraft Carrier review complete
- Review of SHINE medical isotope facility application under way
- Preparing for other medical isotope facility applications



License Renewals

- Recently completed
 DOW
- Continued progress
 - UC Irvine
 - TAMU TRIGA
 - AFRRI
 - MURR

TAMU AGN Texas Maryland Rhode Island USGS Purdue Florida

Commission meeting – December 2014



Licensing Ongoing Focus: Infrastructure Enhancements

- Refresh of NUREG-1537 is in progress
 - Complete review and update as needed
 - Add license renewal interim staff guidance (ISG)
 - Add medical isotope ISG
 - Add Chapter 7 (instrumentation and controls)
- Rulemaking

License renewal streamlining rulemaking – Public meeting





- Departures
 - Greg SchoenebeckJason Lising

PM reassignments – goal is stability



Licensing Staff

Al Adams – Branch Chief Patrick Boyle – PM and renewals Duane Hardesty – PM, renewals and renewal rulemaking Steve Lynch – PM and medical isotopes Cindy Montgomery – PM, renewals and NUREG-1537 William Schuster – PM and medical isotopes Linh Tran – PM, renewals and medical isotopes Spyros Traiforos – PM and NUREG-1537 Maggie Watford – PM (NSPDP) Geoff Wertz – PM and renewals Xiaosong Yin – PM and PM handbook



Licensing: Topics of Interest

- Conductivity and pH
 Cindy Montgomery
- Medical production facilities
 Steve Lynch
- Instrumentation and control modifications
 - Duane Hardesty, Al and John Adams
- Codes
 - Spyros Traiforos
- Career and Funding Opportunities
 - Maggie Watford



Research and Test Reactor Licensing

Questions??