



Office of Nuclear Reactor Regulation Research and Test Reactors Licensing Program

2012 TRTR Meeting

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Research and Test Reactors Licensing Branch

Major Areas of Responsibility

- Licensing project management
- License renewals
- Medical isotopes
- Infrastructure enhancement



Licensing Project Management

- Day-to-day interface with licensees
- Licensing actions
 - License amendments
 - License transfers
 - HEU to LEU conversions
- Six project managers



License Renewals

- Developed license renewal specific guidance
 - Interim Staff Guidance (ISG)
 - Focused reviews (less than 2 MW(t)) using a graded approach
- Steady progress on backlogged and new license renewal requests
- Impact of waste confidence decision
- Five project managers



Medical Isotope Facilities

Medical Isotope Production Facilities

- Various technologies proposed
 - Heterogeneous reactor design
 - Aqueous homogeneous reactor (AHR) design
 - Accelerator based production
- Interim Staff Guidance Development
 - Supplemental licensing guidance for NUREG 1537 & 1520
 - Covers licensing of AHRs, production facilities, & environmental issues
- Four project managers



Infrastructure Enhancement

Updates to NUREG-1537

- License renewal ISG
- Medical isotope ISG
- Chapter 7 instrumentation and control
- Complete refresh

Updates to project manager handbook

Regulatory basis for streamlined license renewal