



## **Overview of Expired Packages**

### **U.S. Nuclear Regulatory Commission**

- July 11, 2012 -

# Regulatory History

- Transportation Regulations Revised (January 2004)
  - Updated to reflect new safety standards and compatibility with latest IAEA safety standards
  - NRC approval of legacy packages to be phased-out through grandfathering provisions
  - Included DOT Specification packages that are designed to 1967 IAEA safety standards
- Legacy packages expire by Rule (October 2008)
- NRC issues RIS-2008-18 for extending the phase-out beyond October 2008 in limited circumstances

# Regulatory Information Summary 2008-18

- Identification of Shipments
- Reasons for Requesting Extended Use
- Safety Justification for Continued Use and Proposed Compensatory Measures
- Good-faith Effort, Plan, and Schedule for Replacement Packages

# Status of Phase-Out

- AOS
- AREVA NP
- BWXT Technologies
- EM-45 (DOE)
- Energy Northwest
- GE-Hitachi
- International Isotopes
- JL Shepherd
- MIT Research Reactor
- MURR
- Naval Reactors (DOE)
- Worcester Polytechnic
- U.S. Air Force