







August 2009: NRC RECOMMENDED INTERIM ACTION:

 Facility disposing DU should develop a site-specific PA which should be evaluated against criteria in SECY-08-0147 prior to disposal of large quantities of DU

Depleted Uranium (DU) Utah Rule

- September 2009:
 Utah Radiation Control Board Action:
 - Passes motion to insert specific requirements for DU disposal into EnergySolutions' Radioactive Materials License

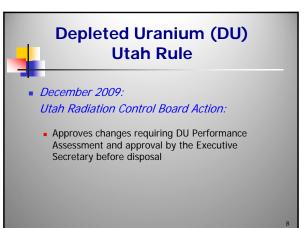
Depleted Uranium (DU) Utah Rule

- October 2009: Utah Radiation Control Board Action:
- Considers and votes to make changes to the License requirements for Depleted Uranium disposal at EnergySolutions
- Board is in favor of requiring a PA and to have the PA approved by the Executive Secretary before DU is accepted

Depleted Uranium (DU) Utah Rule

November 2009 Utah Radiation Control Board Action:

- Approve motion to rescind the actions of the Board in October 2009
- Accept the License amendment as was submitted to the Board in September 2009
- Enter a rulemaking procedure to adopt those changes made during the October 2009 Board meeting with a draft document for the Board's December 2009 Meeting



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Depleted Uranium (DU) Utah Rule

- 84 written comments were received during the 30-day public comment period
- 15 verbal comments were received during the public hearing

Depleted Uranium (DU) Utah Rule

April 2010: Utah Radiation Control Board action:

- Approves changes to the proposed rule based on comments received
- Change in Proposed Rule filed with the Utah Division of Administrative Rules

Depleted Uranium (DU) Utah Rule

May 2010: R313-25-8 Final Rule published in the Utah State Bulletin

June 2, 2010:
 Effective Date of Final Rule

Depleted Uranium (DU) Utah – Final Rule

- "Concentrated DU" means waste with DU concentrations greater than 5% by weight
- Land disposal of significant quantities of concentrated DU (> 1 metric ton in total accumulation) after June 1, 2010, shall submit a PA
- PA revised as needed to reflect ongoing guidance and rulemaking from NRC

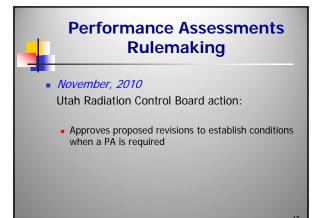
Depleted Uranium (DU) Utah – Final Rule

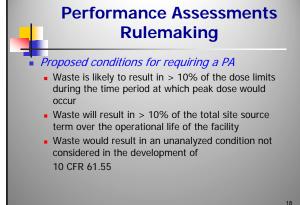
 Demonstrates that the performance standards specified in 10 CFR Part 61 (corresponding Utah rules) will be met for the total quantities of concentrated DU and other wastes, including wastes already disposed of and the quantities of concentrated DU the facility now proposes to dispose

Depleted Uranium (DU) Utah – Final Rule

- PA compliance period a minimum of 10,000 years. Additional simulations performed for the period where peak dose occurs and the results shall be analyzed qualitatively
- No facility may dispose of significant quantities of concentrated DU prior to the approval by the Executive Secretary of the performance assessment

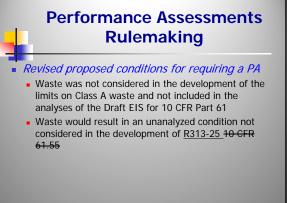


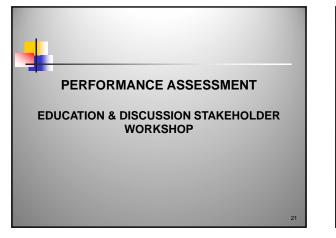




Performance Assessments Rulemaking

- February, 2011
 Utah Radiation Control Board action:
 - Approved additional changes based on comments







Session Objectives

- Provide an opportunity to involve interested stakeholders in matters related to the disposal of low-level radioactive waste in Utah
- Become informed about components of performance assessment

