

ISFSI SECURITY RULEMAKING UPDATE

Susan Bagley
Office of Nuclear Security and Incident Response

10th Annual Dry Fuel Storage / ISFSI Conference
September 26-27, 2012

ISFSI Security Rulemaking Status

- In 2011 the NRC held multiple meetings with various stakeholders
 - Meetings were held at a range of information security levels
 - Discussed the draft regulatory (technical) basis, DG 5033, and previous studies that underpin the security rulemaking
- In 2012 provided status briefings presented to industry
 - NEI Used Fuel Management Conference
 - National Nuclear Security Conference
- An additional classified meeting is planned for early in 2013, after additional stakeholders receive facility and personnel security clearances

ISFSI Security Rulemaking Status

- NRC expects to issue further guidance documents for comment in conjunction with the publication of a proposed rule
 - A revision to DG-5033 - reflecting comment resolution
 - A new DG on ISFSI and MRS physical security program
 - An update of NUREG-1619, ISFSI and MRS security SRP
- Office of Nuclear Regulatory Research (RES) has begun a re-review of previous ISFSI security assessments and supporting info
 - Proof of concept experiment (Phase 1) planned for later in 2012
 - Phase 2 experiment may occur in 2013
 - Collaborative effort with industry at an independent facility

ISFSI Security Rulemaking Status

- **Next Commission paper provides updated recommendations**
 - Use a dose-based approach or DBT-based approach
 - Updated threat review/evaluation for ISFSIs and MRSs
 - Review of DG-5033
 - Insights from other government studies
 - Insights from proof-of-concept attack modality experiments
 - Insights from post-9/11 security assessment re-reviews
 - Insights from stakeholder meetings