



2012 Challenges



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Overview

- Welcome - *Ensuring Safety and Security in a Dynamic Environment*
- Accomplishments
- Challenges
- Keys to Success



Ensuring Safety & Security



- Theme rooted in NRC's mission
- Environment has changed since first FCIX in 2006
- Future forces will be dynamic
- Mission remains constant

Fuel Cycle Accomplishments

Safety, Security, Safeguards

- Licensed AREVA's Eagle Rock Enrichment Facility
- Issued Environmental Statement and Safety Report for GE-Hitachi's proposed laser enrichment facility
- Issued Draft Statement and Safety Report for International Isotopes' proposed deconversion facility
- Terminated USEC's certificate for the Portsmouth Gaseous Diffusion Plant



Accomplishments – Cont'd



- Completed fresh fuel reviews for Vogtle, Summer, Levy County, and South Texas new reactors
- Developed plan for enhancing the fuel cycle oversight process
- Conducted two first of a kind complementary access inspections under the Additional Protocol
- Oversaw resolution of information security issues
- Conducted first of a kind inspection of software requirements at the MOX facility
- Conducted startup inspections at LES facility





Challenge #1

Focus



- Ensuring safety, security, and safeguards
- Defining intermediate outcomes
- Investing in the future
- Remaining flexible and resilient
- Handling emergent work
- Considering cumulative effects





Challenge #2 Oversight



- Enhancing the existing process
- Recognizing that we can do better
- Discerning enhancements
- Developing a process for fuel facilities
- Seizing the opportunity





Challenge #3 Globalization



- Recognizing nuclear business is global
- Working to enhance domestic and international nuclear safety, security, safeguards
- Protecting sensitive information and systems



Keys to Success

- Adhere to the Principles of Good Regulation
- Communicate effectively
- Exchange high quality information
- Emphasize priorities
- Improve safety culture

