

NRC INTERNATIONAL ACTIVITIES



Margaret Doane

Director

Office of International Programs

Marty Virgilio

Deputy Executive Director of Operations for
Materials, Research, State and Compliance Programs

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OVERVIEW

- Five major international program areas:
 - Conventions and Treaties
 - Export and Import Licensing
 - Bilateral Arrangements
 - Multilateral Work
 - Cooperative Research

CONVENTIONS & TREATIES

- June 2007: Meeting on Use of Safety Standards in the Joint Convention
- July 2007: Member State Meeting on the Convention On Early Notification of a Nuclear Accident
- September 2007: Issuing the U.S. National Report and attending the Convention On Nuclear Safety Organizational Meeting

CHALLENGES

- Preparing for
 - 2008 Convention on Nuclear Safety
 - 2009 Joint Convention
 - 2010 Non-Proliferation Treaty
- Implement the Amendments to the Convention on the Physical Protection of Nuclear Material
- Implement the Additional Protocol For International Atomic Energy Agency (IAEA) Safeguards

EXPORT/IMPORT LICENSING

- Implement the Energy Policy Act and Code of Conduct
- Refine Criteria for Category 1 and 2 Radioactive Sources Exports
- Refine Procedures and Controls with Hemispheric Neighbors

CHALLENGES

Streamline 10 Code of Federal Regulations Part 110

- Increased Complexity in Licensing for Reactors, Components and Materials
- Knowledge Management through New Hires and Training

BILATERAL COOPERATION

- 43 Bilateral Arrangements with 36 Countries and Taiwan
- Technical Support for U.S. Government Trilateral Exchanges with Canada and Mexico
- Active Cooperation with Finland, France, Canada, India, China, Iraq, Commonwealth of Independent States

CHALLENGES

- Regulatory Infrastructure for Countries Considering Nuclear Power Programs
- Increased Cooperation with Countries Currently Building
- Maintain Safe Operation of Existing Reactors
- Exchange Security Information

CHALLENGES, CONT.

- Expand Assistance to Enhance Safety and Security of Sources
- Expand Regulatory Infrastructure Assistance to Commonwealth of Independent States, Africa and Middle East
- Coordinate Assistance with Other Providers

MULTILATERAL COOPERATION

- Progress in Stages 1 and 2 of the Multinational Design Evaluation Program
- Participation in Nuclear Energy Agency (NEA) Safety Programs
- Participation in IAEA Safety, Security, Safeguards Programs
- Participation in International Council on Radiation Protection Activities

CHALLENGES

- Expansion of Collaboration with Multilateral Organizations to Leverage Resources
- Balanced Approach to Safety and Security in Domestic and International Guidance
- Human Resource and Knowledge Management

COOPERATIVE RESEARCH ACTIVITIES

- 70+ bilateral or multilateral agreements with 24 countries plus OECD
- NRC contributes approx. \$4M/yr to international programs in U.S. and abroad
- Participants contribute approx. \$1M/yr to RES
- NRC provides intellectual capital, expert analysis, and experience to international programs.

RES CONSIDERATIONS FOR PROPOSED INTERNATIONAL PROJECTS

- Assists in preparing NRC for the future;
- Contributes to resolving existing or emerging regulatory or safety issues affecting U.S. licensees and applicants;
- Reduces known phenomenological uncertainties, enhances accuracy of NRC computer codes and data, and/or develops state-of-the art safety information;
- Contributes to maintaining and/or developing critical skills needed to carry out NRC mission;
- Supports completion of existing and projected work;
- Produces timely results that will meet our intended regulatory use;
- Overall costs (FTE, travel, contribution, contractor support) commensurate with the expected safety benefit

CONCLUSION

- Global Industry Requires Global Approaches
- Implementing Legal Obligations
- Consultation in Export Licensing
- Bilateral Opportunities to Learn
- Leveraging Resources through Multilateral Engagement
- Knowledge Management