



NRC Perspectives: Progress and Future Outlook

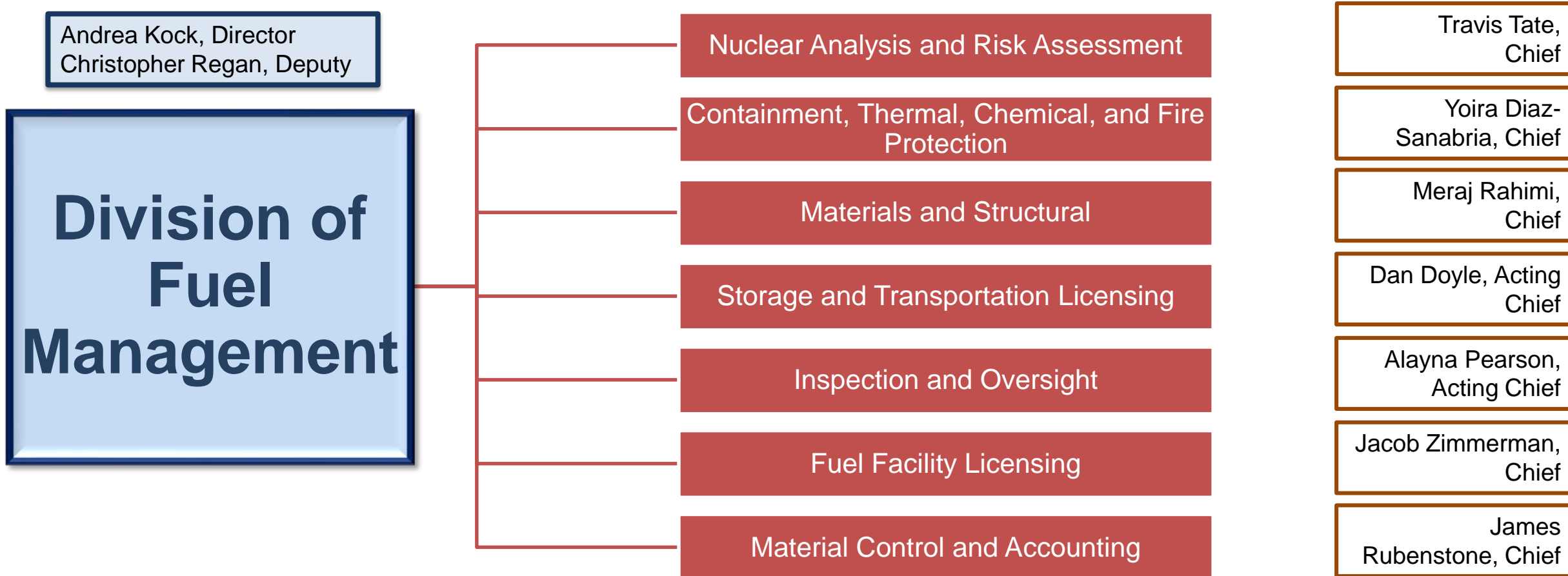
John Lubinski, Director,
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Spent Fuel Management Seminar
Institute of Nuclear Materials Management
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Overview

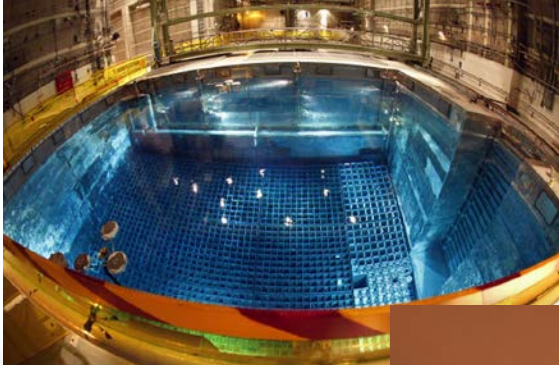
- Who we are and what we do
- Our view of the State of Spent Fuel Management
- Turning Words into Actions
- Transforming Spent Fuel Licensing and Inspection
- Looking forward



Who we are and what we do



Our View of the State of Spent Fuel Management



- New business models for decommissioning
- Consolidated Interim Storage
- Preparation for transportation of spent fuel
- Changes in technology (ATF, advanced fuels)
- Knowledge Management
- Strategic Workforce Planning
 - Criticality, Shielding

Turning Words into Actions

- Embracing Risk Informed Regulatory Approaches
- Updating Guidance
- Preparing for New Technologies
- Preparing for Spent Fuel Transportation
- Reviewing CISF applications



Transforming Spent Fuel Licensing

Risk Inform Initiatives

- Graded Approach
 - Endorsement Letter
- Endorsement of NEI 12-04
 - NRC acceptability of early implementation
- NEI White Paper, “Defining Used Fuel Performance Margins”
 - NRC Workshops



Transforming Spent Fuel Inspection

- ISFSI Oversight Program Enhancements Initiatives
 - Internal review of evaluation and recommendations
 - Consideration and assessment of feedback received
 - Implementation in Fiscal Year 2021



How you can help?

- Frequent and early communication
- Clear prioritization of applications
- High quality applications
- Active engagement on initiatives
- Focus on public openness and communications

How Can I Help?



Looking Forward

- Maintaining Spent Fuel Safety through a risk-informed regulatory process.
- We are prepared to evaluate license applications for new technologies
- Continued proactive engagement with stakeholders



Thank You!

