



U.S. Nuclear Regulatory Commission

Reprocessing Workshop

September 7th and 8th, 2010

Rockville, MD





Welcome!

Catherine Haney

Director

Office of Nuclear Material Safety

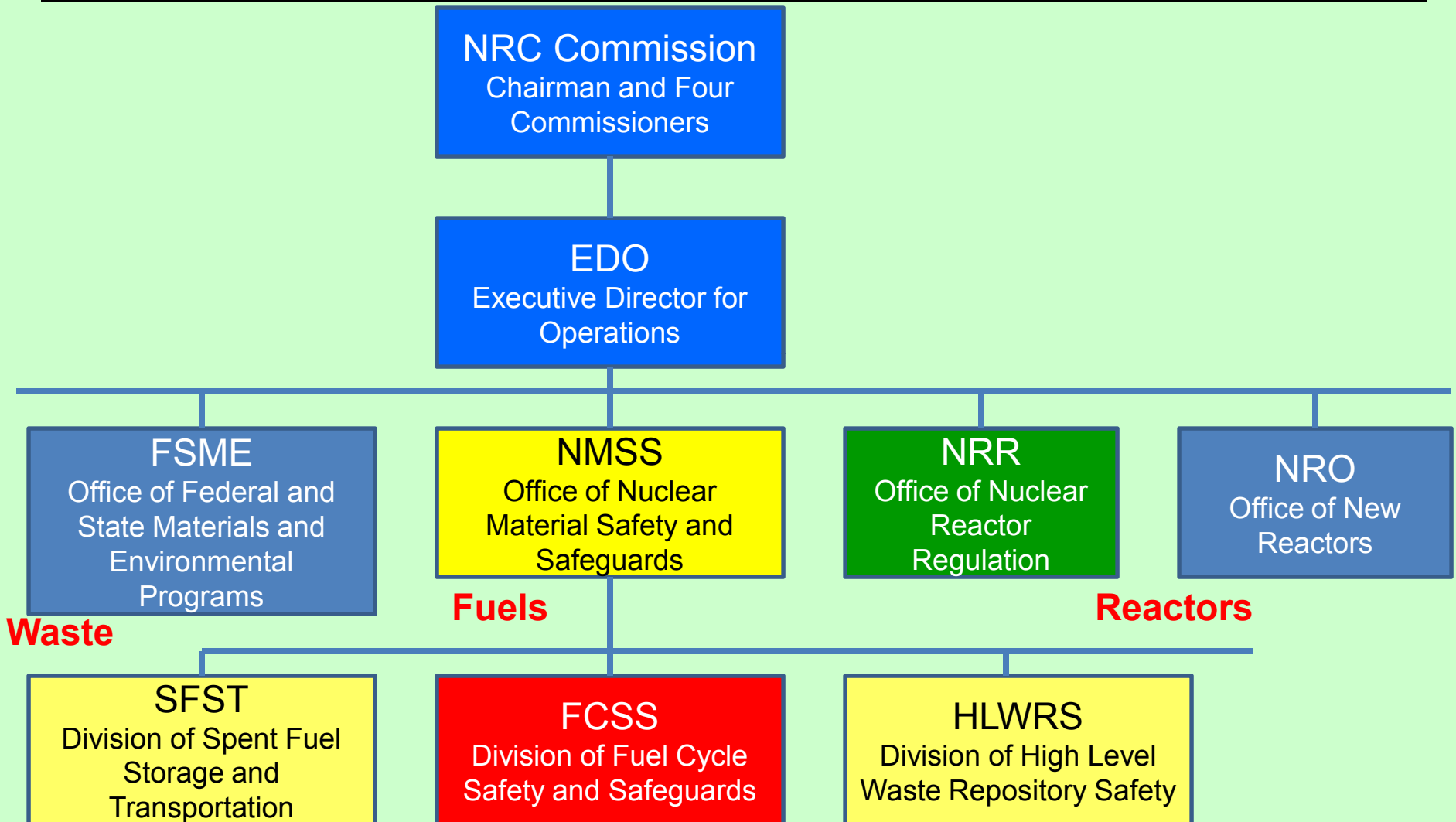
And Safeguards

U.S. Nuclear Regulatory Commission

Who Are We?



Simplified NRC Organization (www.nrc.gov)



NRC Integrated Spent Nuclear Fuel Program

- The objective is to enhance efficiency and effectiveness for regulation of the back-end of the fuel cycle

NRC Integrated Spent Nuclear Fuel Program

Overview of the strategy:

- Regulatory and analytical tools for high-level waste disposal
- Regulatory framework for reprocessing
- Extended storage and transportation of spent fuel

Safety, Security, And Protecting the Environment

- NRC has licensing jurisdiction over commercial production facilities
 - Reprocessing facilities are production facilities
- In the 1960s and 1970s, NRC (or AEC) licensed a reprocessing facility and issued construction authorizations under 10 CFR 50
- Part 50 still applies today for potential reprocessing facilities
 - Part 50 has evolved to focus mainly on reactors
 - Part 50 has not evolved for production facilities for several decades
- NRC is planning to revise the regulatory framework for licensing potential new commercial reprocessing facilities

Importance Of Public Involvement

- NRC needs input from all members of the public and stakeholders to better inform our process
 - Technical issues and policies are complex
 - Rulemaking is envisioned to be a considerable effort, affecting many parts of 10 CFR
 - NRC Staff engaging public throughout the process
- These workshops continue this effort

Workshop Approach

- Two Workshops currently planned
 - Rockville, MD: September 7/8th
 - Albuquerque, NM: October 19/20th
- Facilitated discussions
- Focus on reprocessing rulemaking issues in FRN and related issues within NRC's purview

Current NRC Schedule Revising Regulatory Framework

- Now/ongoing/2010:
 - Regulatory gap analyses
 - Regulatory (technical) basis development
 - Public meetings and workshops
- 2011-2012
 - Complete regulatory basis
 - Initial environmental activities
 - Commission approval to proceed with rulemaking
- 2013 - 2014 – Draft rule
- 2015 – Final rule
- Schedule depends upon Commission approval of rulemaking activities and the resources available

NRC Website Has Additional Information

<http://www.nrc.gov/materials/reprocessing.html>

- Includes meeting summaries and presentations
- Additional documents are available from ADAMS or Electronic Reading Room document collections (e.g., SECY, NUREG)