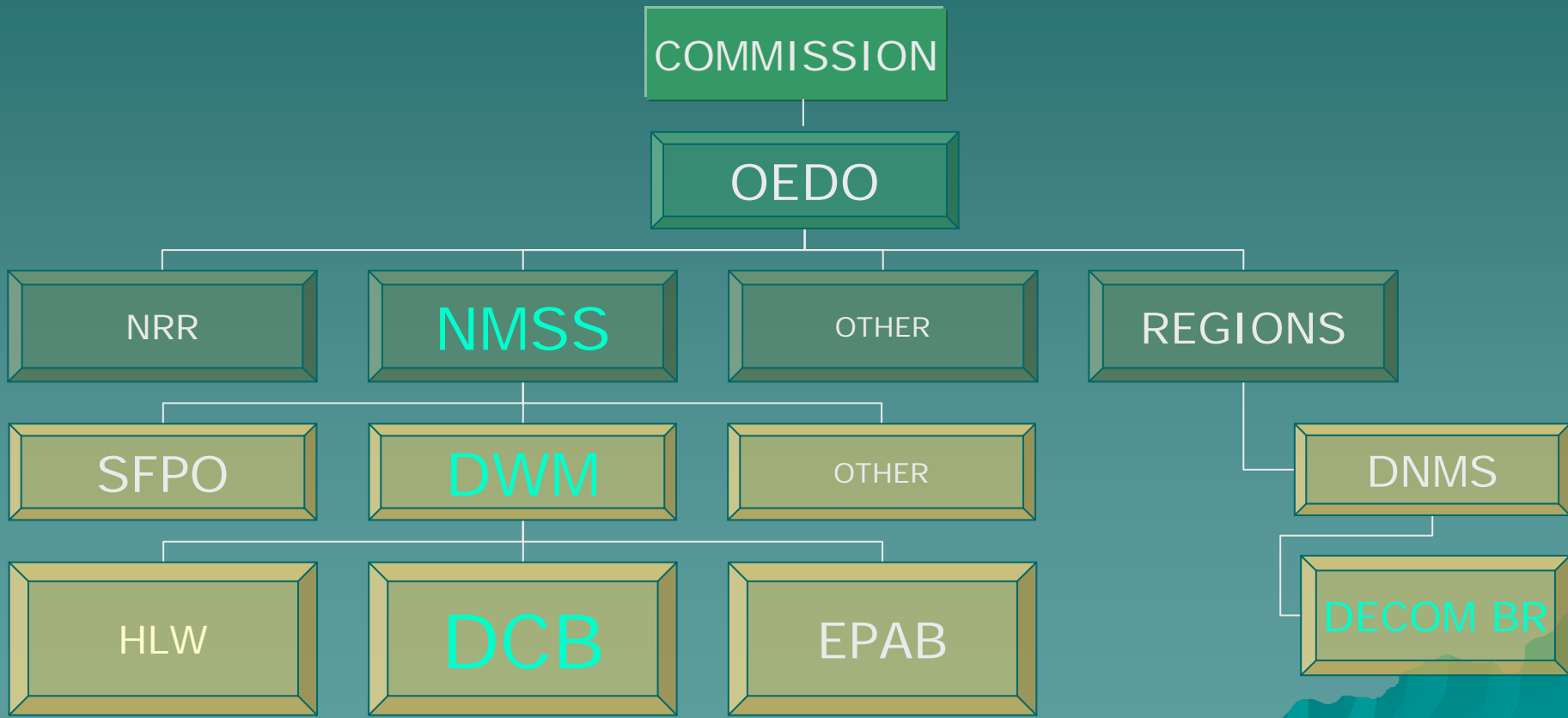


Review Of The License Termination Plan Big Rock Point

August 5, 2003

NRC Organization



NRC Performance Goals

1. Maintain Safety, Protection of The Environment, And The Common Defense And Security.
2. Increase Public Confidence.
3. Make NRC Activities And Decisions More Effective, Efficient, And Realistic.
4. Reduce Unnecessary Regulatory Burden on Stakeholders.

Overview

- ◆ LTP Review Process
- ◆ Status of Review of BRP LTP
- ◆ Consumers Energy
Decommissioning Plans for BRP
- ◆ Provide to stakeholders an
opportunity to comment on the
BRP LTP

Steps In The LTP Review

1. Acceptance Review
 - a. All Items In Standard Review Plan
 - b. Evaluation of Selected Sections
 - i. Land Use Scenarios
 - ii. Residual Concentrations
 - iii. Hydro-geology
 - iv. Final Status Survey Plan
 - c. Issue Federal Register Notice
2. Technical Reviews

Steps In The LTP Review (con'd)

3. Requests for Additional Information (RAI)
4. Safety and Environmental Reviews
5. Approve by license amendment
 - a. Publish Environmental Review
 - b. Issue Amendment Authorizing Implementation of LTP

Principal Areas Of Focus

- ◆ Release criteria for license termination.
- ◆ Detailed final survey plans to demonstrate compliance with the criteria for license termination.
- ◆ Material disposal.

Status Of BRP LTP Review

- ◆ LTP submitted April 1, 2003;
"Acceptance" Review completed
June 26, 2003
- ◆ Technical reviews started July
- ◆ Federal Register Notice issued 29 July
(68 FR 44550)
- ◆ LTP Public Meeting 5 August

Planned Schedule For Review

- ◆ Expect requests for additional information (RAIs) about April '04
- ◆ Complete safety and environmental reviews about end of CY '04,
Announce by Federal Register Notice
- ◆ Issue License Amendment Spring '05

Spent Fuel Management

- ◆ Part 50 license to stay in effect until fuel is removed from site (about 2012)
- ◆ Part 72 specifies general license requirements
- ◆ Region III inspects implementation of spent fuel storage system requirements

NRC Inspection Program

- ◆ Chris Miller, Chief
Decommissioning Branch
DNMS
R III
- ◆ Bill Snell, Senior Inspector

Inspections Overview

- ◆ Decommissioning Branch Makeup
- ◆ Goal of Inspections
- ◆ Types of inspections
- ◆ Lead inspector introduction

DECOMMISSIONING POWER REACTOR

PURPOSE

- ◆ To establish the inspection policy and guidance for decommissioning power reactors

DECOMMISSIONING POWER REACTOR INSPECTION PROGRAM

OBJECTIVES

- ◆ To obtain information through direct observation and verification of licensee activities to:
 - to determine whether the decommissioning activities are being conducted safely
 - verify that activities are in conformance with applicable regulatory requirements, licensee commitments, and management controls.

OBEJECTIVES CONT'D

- ◆ To ensure that the licensee's systems and techniques for decommissioning and license termination activities are adequate
- ◆ To identify declining trends in performance

DECOMMISSIONING POWER REACTOR INSPECTION PROGRAM

INSPECTION PROCEDURES

- ◆ The inspection program is implemented through the use of inspection procedures
- ◆ Inspection procedures are implemented commensurate with licensee performance, site activities, and safety

DECOMMISSIONING POWER REACTOR INSPECTION PROGRAM MASTER INSPECTION PLANS

- ◆ A site-specific master inspection plan is developed for reactor power facilities undergoing decommissioning
- ◆ The following are factors that are considered when developing and

MASTER INSPECTION PLANS CONT'D

- ◆ implementing a site-specific master inspection plan:
 - Plant Design
 - Plant Decommissioning Status
 - Licensee Performance, Management, and Scheduling

MASTER INSPECTION PLANS CONT'D

- ◆ The site-specific master inspection plans are periodically reviewed and adjusted to reflect inspection findings or changes in decommissioning activities

CORE INSPECTION PROCEDURES FOR BIG ROCK POINT

Facility Management and Control

- 36801 Organization, Management & Cost Controls
- 37801 Safety Reviews, Design Changes, and Modifications
- 40801 Self-Assessment, Auditing, and Corrective Action
- 71801 Decommissioning Performance and Status Review

CORE INSPECTION PROCEDURES FOR BIG ROCK POINT CONT'D

Decommissioning Support Activities

62801 Maintenance and Surveillance

Radiological Safety

83750 Occupational Radiation Exposure

83801 Inspection of Final Surveys

84750 Radioactive Waste Treatment, and Effluent & Environmental Monitoring

86750 Solid Radioactive Waste Management & Transportation of Radioactive Material

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