



Waste Confidence Update for Long-Term Storage

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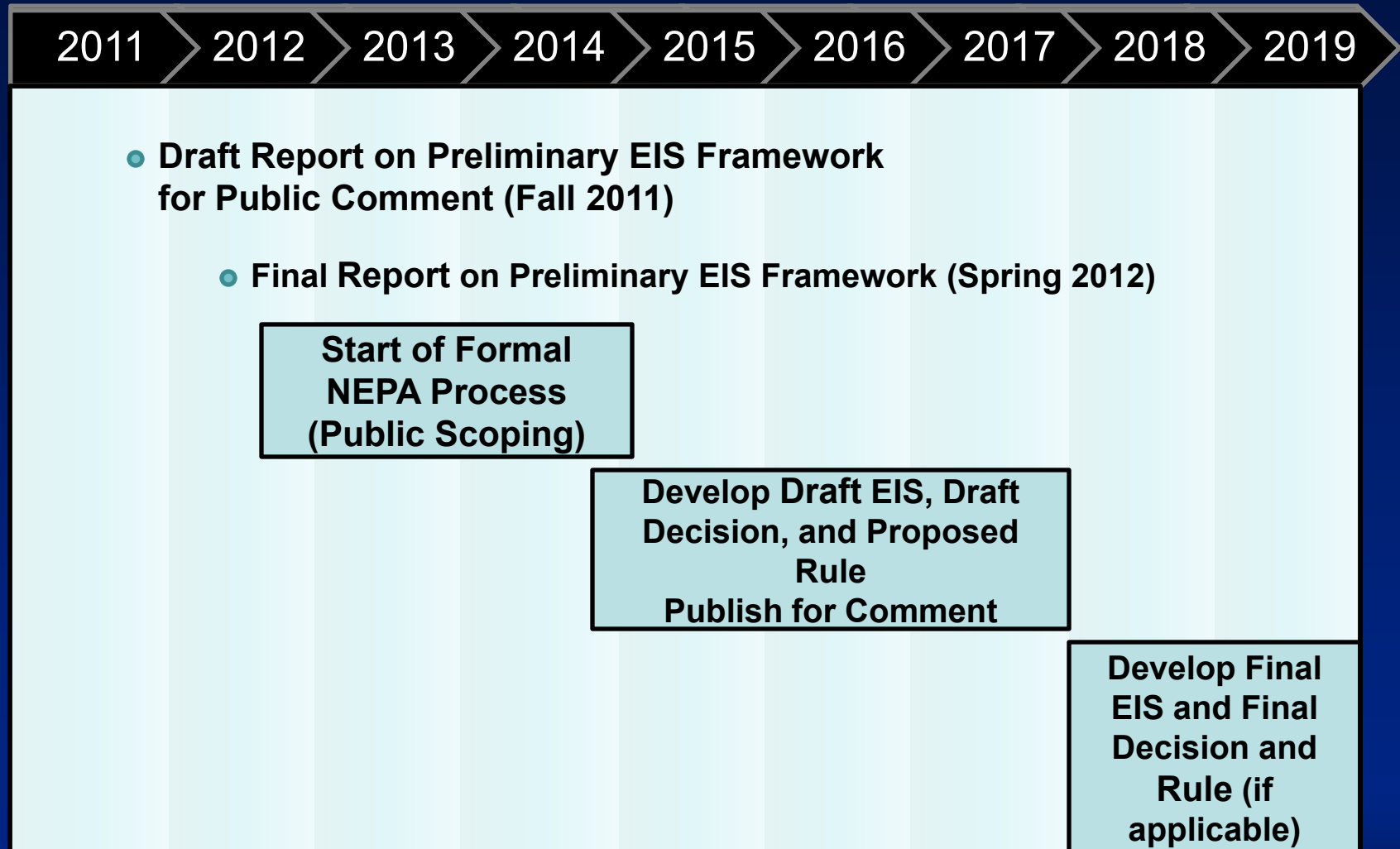
Overview

- NRC will develop a proposed long-term update of the Rule and Decision, to be informed by analysis and conclusions in an environmental impact statement (EIS)
- NRC is currently working to define EIS scope, methodology and assumptions
- We want feedback regarding stakeholder input opportunities

Long-Term Update

- Report on Preliminary EIS Framework
- NEPA Process and Rulemaking
 - Draft environmental impact statement
 - Draft Waste Confidence Decision
 - Proposed Waste Confidence Rule based on the EIS and Decision

General Timeline for Developing Long-Term Waste Confidence Update



Draft Report on Preliminary EIS Framework

- Storage scenarios
- General methodology
- Assumptions
- EIS development process

Waste Confidence EIS

Preliminary Scope

Preliminary assumed storage period for analysis: on the order of 200 years

Preliminary scenarios for comparing impacts:

- Onsite (at-reactor) storage
- Regional storage
- Centralized storage
- Combination + some reprocessing

Waste Confidence EIS

Preliminary Methodology

Important aspects of methodology

- Composite, generic sites
- Generic impacts
- Range of impacts in NRC EISs
- Qualitative and quantitative analyses

EIS will take advantage of relevant information from extended storage and transportation technical activities

Waste Confidence EIS

Examples of Preliminary Assumptions

- Continuation of current regulatory program
- Spent fuel stored primarily in dry casks
- Accident scenarios include natural events
- Terrorism impacts are in EIS scope
- Storage of wastes from reprocessing commercial spent nuclear fuel in EIS scope
- Disposal is endpoint for all scenarios

Process and Stakeholder Engagement

Meaningful stakeholder input is essential for developing an informative, high-quality EIS and an appropriate proposed update to the Rule and Decision.

Expected opportunities to provide input:

- This fall, draft Preliminary Framework report for comment
- NEPA process

What other opportunities should NRC provide?