



Waste Confidence



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Waste Management 2013
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Waste Confidence

- Generic Determinations on Spent Fuel Storage and Repository Availability
 - Safety and environmental considerations
 - Rule (10 CFR 51.23)
- Relevant to: New and operating reactor licensing; storage licensing



Waste Confidence (cont.)

- 1979 Court of Appeals decision
- First Commission decision in 1984
- Five findings
- Periodic review



1984 Findings

- Reasonable assurance that:
 - Disposal in a mined geologic repository is feasible
 - One or more repositories available by 2007-2009 and sufficient capacity will be available within 30 years beyond reactor operating license
 - High level waste and spent fuel will be managed in a safe manner
 - Spent fuel can be stored safely and without significant environmental impact for at least 30 years
 - Safe independent onsite or offsite storage capacity available.

Finding #2 Evolution



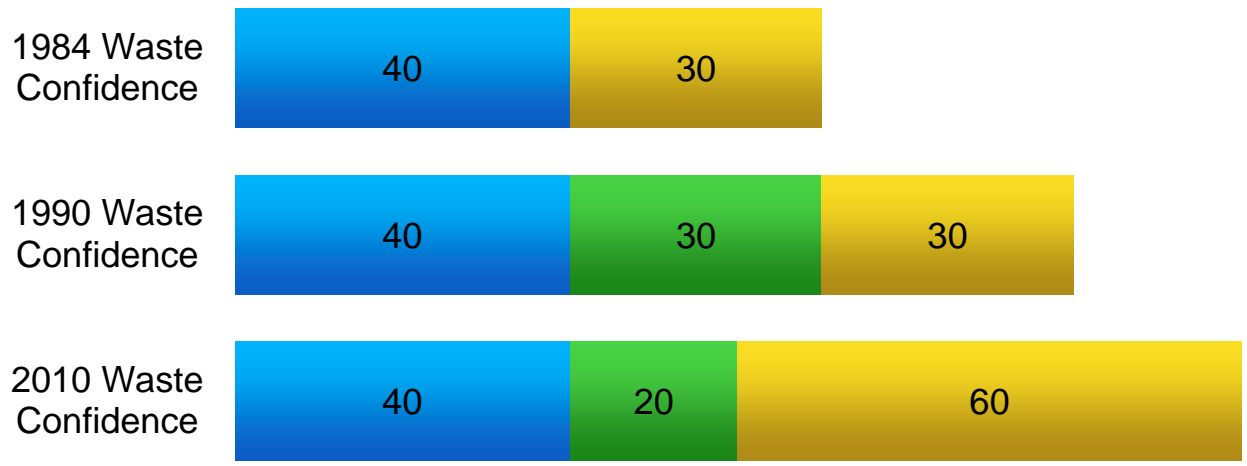
1984 - One or more repositories available 2007-2009 and sufficient capacity will be available within 30 years beyond reactor operating license

1990 – repository will be available within the first quarter of the 21st century...

2010 – sufficient mined geologic capacity will be available when “necessary”

Finding #4 Evolution

■ Licensed Life ■ Renewal ■ Post-Licensed Life Storage

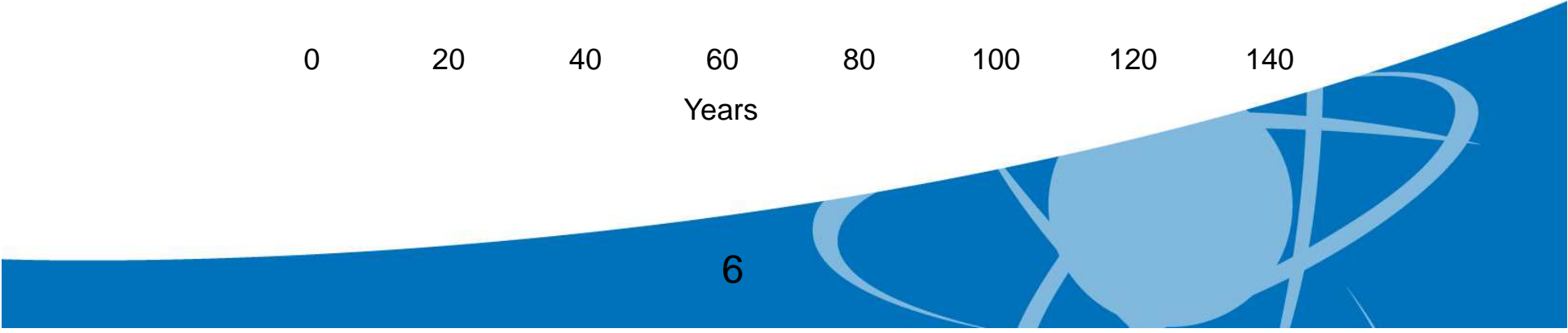


2014 Waste Confidence

0 20 40 60 80 100 120 140

Years

6



Court of Appeals Remand

- September 2011 challenge
- Decision on June 8, 2012
- Three defects
 - No-repository analysis
 - Spent fuel pool leaks
 - Spent fuel pool fires
- Environmental process



Impact

- Link to reactor and storage licensing
- No final licenses until remand resolved
- Licensing and adjudication continues



Path Forward

- Generic environmental statement and rule within 24 months
- Ample opportunity for public comment

Status

- EIS scoping October 25 – January 2
 - Four public meetings
 - Roughly 700 commenters (~1,700 comments)
 - More than 2,000 requests to re-notice
- Development of draft GEIS and Rule underway
 - Goal: full and fair discussion of impacts
 - Draft for comment - September 2013

Near-Term Activities



- Issue Scoping Summary Report in early March
- Complete proposed draft GEIS and Rule for Commission consideration in August
- Begin planning for public meetings on draft
 - 6 to 8 public meetings across country
 - August-September timeframe