

Risk Informed Decommissioning Rulemaking

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- July 19, 2000

SRE/0

7/19/00

Decommissioning Rulemaking

- SECY to Commission
 - Proposed five rule modifications
 - Basis – technical working group study on spent fuel pool accident risk at decommissioning plants
- Future Decommissioning Rulemaking Efforts

Emergency Preparedness

- Proposing
 - Significant reductions if licensee implements industry and staff risk reduction methods
- Features
 - After 1 year of spent fuel decay:
 - Similar to monitored retrievable storage installation (10CFR72.32(b))
 - After 5 years or plant specific calculation:
 - Similar to independent spent fuel storage installation (10CFR72.32(a))
 - None after fuel and other hazards removed from site

Insurance

- Proposing

- Phased reductions after 5 years or plant specific calculation

- Features

- Onsite coverage

- Drops from \$1.06 billion to \$25 million after 5 years, to none when fuel removed from pool

- Offsite coverage

- Primary drops from \$200 million to \$100 million after 5 years, to \$25 million when fuel removed from pool
- Secondary rating pool participation not required after 5 years

Safeguards

- Proposing
 - Reductions using 10 CFR 73.55 as starting point
- Features
 - Critical elements of 73.55
 - physical barriers, armed personnel, vehicle control measures
 - Consistent with ISFSI regulations
 - When all fuel transferred to ISFSI, ISFSI regulations would apply
 - None when fuel transferred from site

Staffing and Training

- Proposing

- Appropriate levels of training and qualifications for operations and support staff

- Features

- Certified fuel handler program
- Codify appropriate staff levels and training levels

Backfit

- Proposing

- Dividing 10 CFR 50.109

- Features

- Decommissioning reactor part
 - Similar to current regulations, language that doesn't apply to decommissioning reactors removed/changed
- Operating reactor part
 - Virtually unchanged

Future Decommissioning Rulemaking Efforts

- Entire decommissioning package into one large totally integrated rule
- Do the five and then do remaining rules
- Just do the five
- Stop all rulemaking