

Illinois Emergency Management Agency

Division of Nuclear Safety

Spent Fuel Storage and Transportation

Licensing Process Conference

June, 2010

NRC Headquarters Auditorium

Why States should be involved in the licensing process for SNF storage?

- State radiation safety programs are already responsible for the protection of their citizens for off-site events.
- States function as co-regulators with federal government agencies and enforce federal regulations (NRC and DOT).
- States have first hand knowledge of local conditions, infrastructure, politics etc.
- States have long standing relationships and can be a conduit for reaching out to local governments and citizens to develop or improve trust (H3).

How should States be involved in the licensing process ?

- Early, up front discussion and engagement.
- Don't rely on a 12 day notice in the Federal Register (like radionuclide specific surface contamination limits).
- Conduct meetings and outreach locally, where the impact will be (not from DC).
- Utilize State Regional groups as a vehicle for reaching many states at one time and generating discussion and consensus.

Emerging issues for storage:

- **Siting for ISFSI – does it make sense to maintain multiple sites or at decommissioned sites? - it was a bad idea in 2002.**
- **Physical Security – vulnerability assessments and detailed package performance information is not shared with States. – how can we plan without it?**
- **Technology allows real time remote monitoring for heat, pressure, radionuclides etc. – these technologies are well developed and inexpensive.**
- **Accident recovery planning – demonstration of efficacy of recovery plans will be necessary.**

Emerging issues for transportation:

- With YM off the table the NRC is assuming some of the role of OCRWM. How will they meet the previous commitments made by DOE with regard to:
 - Transportation planning
 - Route selection
 - Mode selection
 - Inspections and security
 - Funding for emergency responders
- With the backdrop of the gulf oil spill cask certification and response/recovery planning may require demonstration of efficacy.