11/5/99 ACRS (1)

"Spent Fuel Fire Risk"

Dr. Kress -

Would be cautious about going past top of fuel - Wouldn't understand chemical/fuel kinetics Zirc hydride modules - could ignite earlier knowledge of chemical kinetic lacking.

→ postulated Canadian accident - fuel bundle ejection fuel exposed to air

Release models not applicable to this situation.

George A - "We don't all mean the same thing by defense - in - depth"

Lynette Hendriks
Mike Meisner

Unloading casks / fuel - should be made risk-informed.

George A postotakis - Some of problem is use of point analysis versus distributions.

B/215

Peter Atherton -

- Risk assessment techniques - don't go to cost/benefits.
- Once plant decides to shutdown, people in area want to know what is happening.

11/5/99 ACRS

(2)

- seismic issues - no look at degradation of liner or concrete.
- criticality - how do old criteria apply to today's fuel.
- Added enrichment toward mixed oxide fuel. ACRS - specific towards a plant + DOE

* terrorism -
* equip qualification - not safety grade - how tell reliability
* Steve Hanauer -

Paul Blanch - seismic - only realistic issue - Looked at it at Conn. Yankee -

Addl issues need to be addressed in SECY 99-168
- DBAs - what needs to be considered?
- Application of part 50 - except for App A doesn't discuss HLW
- rules for long term storage of HLW (Part 72)
- Consistent application of rules - clarity HP