4/12/99

## Spent Fuel Pool Accidents For Decommissioning Plants Working Group Plan Structural Integrity Of Pool Structure Goutam Bagchi (DE)

- ★ Introduction
- ★ Current NRC Studies

★ Hazards To consider

 $\star$  Seismic:

SSI, Pool Foundation Uplift, Foundation Hard Spots, Amplification At Elevated locations, Building To Building Impact, Failure Of Superstructure, Failure Of Crane Equipment

- ★ Heavy Load Drop Accidents
- ★ Tornado Missiles
- ★ Safeguards Issues
- ★ Risk Ranking Of Hazards
- ★ Structural Failure Modes
- $\star$  Deterministic Considerations
- ★ Risk Informed Performance Goal
- ★ Emergency Planning
- ★ Indemnification
- ★ Safeguards
- ★ Additional Activity
- ★ Summary

Integrity of find and effect of Rack impacts. Time averaged risk - declining risk. Mitigating measures that may be needed.