

# Probabilistic Risk Assessment Input to Decommissioning Requirements

NRC/Industry/Public Workshop

Risk-Informed Basis for Decommissioning  
Exemption Guidance

July 15-16, 1999  
Gaithersburg, MD

## Heavy Load Drops

- Only single-failure-proof (SFP) crane load drops need to be considered since consequence analyses must be performed prior to using non-SFP Cranes

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## Heavy Load Drops

- Conservatism (continued)
  - Qualitatively lower failure probability should be assigned to high profile lifts due to increased oversight
    - Technical Specification or FSAR controls
    - SFP crane
    - Analysis and procedural controls
    - Enhanced management oversight
    - Safe load paths and verified rigging
    - Crane operator training and pre-job briefing

## Heavy Load Drops

- Conservatism (continued)
  - The assumption that “one-in-ten events” causes significant pool damage is too conservative and is not justified
  - The timing of the assumed drop is ignored. Most (all?) casks will be handled after Zr fire concerns have passed