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Outline of SPLB/BOP input:

- ❑ Description of accident scenarios
  - ❑ Extended loss of SFP cooling
  - ❑ Rapid reduction in SFP level (e.g., siphon) w/ loss of SFP cooling
  - ❑ Structural failure due to external phenomena (e.g., seismic)
  - ❑ Cask or heavy load handling
  - ❑ Spent fuel handling accident
  - ❑ Loss of offsite power
  - ❑ Aircraft
  - ❑ Tornado missile
- ❑ Comparison/Evaluation of design considerations for wet ISFSI
  - ❑ defense in depth
  - ❑ minimum decay time
  - ❑ design events
  - ❑ controls
- ❑ Evaluation of RTM-96 actions for spent fuel pool damage
  - ❑ Actions based on GSI 82 studies
  - ❑ Assumes 24 hour response capability (full EP?)
- ❑ Current Analyses: Evaluation of conclusions from previous studies on spent fuel heatup analysis compared to current operating practices (coordinate with SRXB)
  - ❑ NUREG/CR-4982
  - ❑ NUREG/CR-0649
- ❑ Discussion of possible controls and provide recommendation
  - ❑ Detection, Mitigation, and Prevention Features Available
  - ❑ SFP level indication
    - ❑ During and in preparation of fuel movement **(STS)**
    - ❑ During periods of no fuel movement (suggested PDTS)
  - ❑ SFP temperature limit
  - ❑ SFP cooling and cleaning system
  - ❑ Power sources
  - ❑ SFP coolant chemistry (suggested PDTS program)
  - ❑ Radiation monitors
  - ❑ SFP makeup source
  - ❑ SFP liner leak detection
- ❑ Recommend criteria or acceptable methods for exemptions, if possible

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