



# Industry Recommendations on Spent Fuel Pool Risk Study

NRC Public Meeting

February 6, 2001

6/1/3



NEI

# Introduction

- PRA approach to non-catastrophic events is generally sound
- Best estimates needed:
  - Mechanistic evaluation of event evolution
  - Ru Release
  - Seismic hazards
  - Cask Drop



# Introduction (cont.)

- Need to address policy implications of protections driven predominantly by beyond design basis seismic events
  - NUREG 1150:
    - ◆ Safety goals based on ratio of nuclear risks to non-nuclear risks (e.g., early fatality should not exceed 1/1000 of background accident death rate)
    - ◆ Ratio of reactor accident contribution for a large seismic event is likely very small



# Recommendations

- Complete report prior to applying results
- Conduct formal peer review
- Apply complete study to a test case regulation, e.g., maintenance rule.