



United States Nuclear Regulatory Commission

Protecting People and the Environment

# SFTRA NUREG Conceptual

## Public Summary - Questions to answer

- Why are you holding this document?
  - o Why was it done (motive)?
    - NRC's safety & outreach responsibilities
    - Continuing review
    - Potential shipments
    - Safety not at issue
  - o Why was it done/How will it be used (purpose)?
    - Solicit and respond to public comment
    - Answer 6672-related questions
    - Public comment
    - Provide updated benchmark for environmental assessments
    - Explain level of safety in spent fuel transport
  - o Why was it done (objective)?
    - Further quantify consequences and probabilities of severe accidents
- What was done?
  - o Analysis of severe impact and fire accident impacts
  - o Analysis of routine transport impacts
- How was it done?
  - o Computer analysis, supplemented with experimental thermal tests
  - o Peer review
- What does it say? (page one one-pager)
  - o Standalone results
    - Lowers previous (already low) estimates of risk
  - o Comparison
    - Reconfirms NRC's finding that SNF transport risks are acceptably low
    - Progressive reduction in estimated risk as analytical fidelity increases
- Who is it for?
  - o Public, media, industry, States, NRC and other federal agencies