11/19/99 Stakeholders Meeting

Conference open eyes to Decom.

SFP

Pt 1. Decom Rule 1996 - except EP, Ins, Safeguards

2. Fuel to Final resting

3. Site remediation

Sam - Excellent Overview
Lynette Commend NRC on Risk Model

3 People to slam study

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1. Get Ltr to Lynette
Ed Scherer Scherer
cit fact that needs to be public
Wil.

2. Paul Blanch - Criticality - Need good
story Risk Nov 8

3. List of Committments Lynette

4. Cannon Way off base

Q1127

HEAVY LOAD DROP ANALYSIS

- ✔ ANALYSIS ASSUMPTIONS AND BASES
  - ✓ employs more recent Navy data
  - ✓ includes human error evaluation for improper rigging

    Refines analysis in NUREG - 0612
  - ✓ will include mean value estimate for compatibility with RG 1.174
- ✔ CURRENT ESTIMATE OF FREQUENCY
  - ✓ SFP Loss of Inventory per year for 100 lifts for single failure proof system

    2.8 E - 8/ry (low) 2.1 E - 6/ry (high)
  - ✓ for non-single failure proof system (based on NUREG - 0612)

    1.0 E -7/ry (low) 7.5 E - 5/ry (high)
- ✔ NEI INCIDENT RATE DATA
  - ✓ used to requantify the fault tree

    Minimal change in the resulting frequency estimate

    1.5 E - 8/ry (low) 2.9 E - 6/ry (high)
- ✔ NEI COMMITMENT TO PHASE II OF NUREG - 0612
  - ✓ Administrative restrictions on heavy load movements

    Procedures to control operations near SFP

    Cask drop analyses for non-single failure proof cranes
- ✔ COMMITMENT TO PHASE II PROVIDES LOW PROBABILITY AND A DIVERSE MEANS OF PROTECTION WHICH INDICATES THERE IS REASONABLE ASSURANCE THAT RISK IS ACCEPTABLE
- ✔ FINAL RESULTS SUBJECT TO INDEPENDENT REVIEW

CRITICALITY ANALYSIS

- ✔ PUBLIC STAKEHOLDERS RAISED CONCERN
  - ✓ June 1999 DRAFT Technical Study

    Considered several possible mechanisms

    Closer spacing of stored assemblies
    Loss of fixed poison (boral/boraflex cover plates)
    Loss of cladding integrity
    Personnel actions in response to an accident

    Incredible or highly unlikely

- ✔ ITQR
  - ✓ additional mechanisms proposed

    Zirc fire induced fuel pellet reconstitution

    Rack deformation (seismic event, heavy load drop, melting of boral plates)

- ✔ FUTURE ACTIONS
  - ✓ assess potential for criticality
  - ✓ evaluate consequences
  - ✓ assess likelihood