NUCLEAR WASTE TECHNICAL REVIEW BOARD
FULL BOARD MEETING

SUBJECT: SYSTEM ARCHITECTURE PANEL MEETING

PRESENTER: DWIGHT SHELOR

PRESENTER'S TITLE: ASSOCIATE DIRECTOR,
AND ORGANIZATION: OFFICE OF SYSTEMS AND COMPLIANCE

PRESENTER'S TELEPHONE NUMBER: (202) 586-6046

ARLINGTON, VIRGINIA
JANUARY 11, 1994
INTER-RELATIONSHIP OF ANALYSIS AND DECISION PROCESS

Program Evaluations
- Decision Hierarchy
- Other

Top Level Analyses
- System Architecture Study

More Specific Analyses
- Cask/Canister
- Thermal Loading
- Other

Stakeholder Interactions
- System Arch. Panel
- MPC Workshops
- Other

UNDERLYING BASES FOR DECISIONS
PANEL MEETING PURPOSE

- Developing a process for direct predecisional involvement of stakeholders

- Obtain input into analysis and decision process through identification of:
  - Issues, Alternatives, Attributes, Relative weights of attributes

- Focus on substantive dialog between stakeholders and with OCRWM
PANEL MEETING PARTICIPATION

- Meeting held December 8-9 in Washington, D.C.

- Stakeholder participants
  - Mike Alissi (Edison Electric Institute)
  - Steve Frishman (State of Nevada Agency for Nuclear Projects)
  - Martin Gelfand (Safe Energy Communications Council)
  - Phillip Niedzielski-Eichner (Nye County consultant)
  - Cas Robinson (Nat’l Assn of Regulatory Utility Commissioners)

- OCRWM participants
  - James Carlson (Transportation and Logistics)
  - Linda Desell (Regulatory Integration)
  - Ben Easterling (Program Relations)
  - H. Jackson Hale (Systems Engineering and Integration)
  - William Sprecher (Strategic Planning)
Describe potential system alternatives
Developed directly through participant input

Describe the attributes
Participants add/modify

Elicit weights of attributes
Participants add/modify

Evaluate Lessons Learned

Perform a ‘draft’ ranking of some alternatives to demonstrate complete process

THE PROCESS
PROGRESS AT THE FIRST MEETING

1. Significant progress during first meeting

- Participants add/modify

Describe potential system alternatives
- Participants add/modify

Describe the attributes
- Developed directly through participant input

Elicit weights of attributes
- Perform a 'draft' ranking of some alternatives to demonstrate complete process

TO BE Addressed IN FOLLOW-ON SESSION

Evaluate Lessons Learned
ISSUES ARE REFLECTED IN ATTRIBUTE DISCUSSIONS AND ADDITIONS

Examples of attribute additions/modifications:

- Accidental Radiation Release
- Need for Legislative and/or Regulatory Action
- Infrastructure, Property Values, & Water Allocation
- EIS Concerns
- Generational equity
ASSESSMENT OF MEETING

- Good start at constructive dialog
- Excellent progress on development of attributes
- Pre-meeting dissemination of study preferred
- Comments were generally favorable from both participants and observers
- Long term assessment by participants dependent on completion of process and its evolution and use
  - Steps taken to enhance process
  - Long term discussions of the data
  - How the program uses the meeting results
FOLLOW-ON EFFORTS

- Disseminate draft study and meeting summary
- Analyze alternative/attribute additions
- Plan and conduct follow-on meeting ~March
- Develop long range plans for broader interactions
- Incorporate lessons learned