

TRANSPORTATION PROGRAM STRATEGIC INITIATIVES

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**NUCLEAR WASTE TECHNICAL REVIEW BOARD
TRANSPORTATION AND SYSTEMS PANEL MEETING
SEPTEMBER 25, 1991
ARLINGTON, VA.**



TRANSPORTATION PROGRAM STRATEGIC INITIATIVES

- **TECHNICAL ADVISORY TEAM**
- **PEER REVIEW OF CASK DESIGN REQUIREMENTS**
- **REVIEW OF INITIATIVE I CASK DEVELOPMENT PROGRAM**
- **TWO-PHASE CASK DEVELOPMENT AND ACQUISITION PROGRAM**

OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT

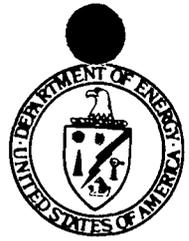


TECHNICAL ADVISORY TEAM

- **ESTABLISH BY OCRWM DIRECTOR**

- **PURPOSE - REVIEW TRANSPORTATION PROGRAM PLANS AND ACTIVITIES**
 - **COMPLETENESS**
 - **CONSIDERED ALL ALTERNATIVES**
 - **MEETS NEEDS OF OCRWM PROGRAM AS CURRENTLY ENVISIONED**

- **COMPOSITION**
 - **ASSOCIATE DIRECTOR FOR STORAGE AND TRANSPORTATION**
 - **E.J. BENTZ AND ASSOCIATES**



CASK DESIGN REQUIREMENTS PEER REVIEW

- **REQUIREMENTS ISSUED PRIOR TO OCRWM QA PROGRAM**
- **PEER REVIEW TO DETERMINE IF QA REQUIREMENTS SATISFIED**
- **REVIEW TO BE COMPLETED BY SEPTEMBER 30**
- **PRELIMINARY RESULTS - NECESSARY QA AND SAFETY REQUIREMENTS SPECIFIED IN RFP**



PEER REVIEW OF RFP FOR FROM-REACTOR CASK PRELIMINARY RESULTS

- **RFP WAS REVIEWED TO VERIFY THAT THE NECESSARY SAFETY AND QA REQUIREMENTS WERE SPECIFIED**
- **PEER REVIEW CONCLUDED THAT THE RFP AS WRITTEN ASSURED THAT ALL NECESSARY SAFETY AND QA REQUIREMENTS WERE IN FACT SPECIFIED.**
- **PEER REVIEW DID NOTE A NUMBER OF MINOR DISCREPANCIES AND IMPROVEMENTS FOR FUTURE CASK DEVELOPMENT RFP BUT NONE WERE SERIOUS ENOUGH TO CAUSE EITHER A SAFETY OR QA CONCERN OVER THE CURRENT RFP**



REVIEW OF INITIATIVE I CASK DEVELOPMENT PROGRAM

- **EVALUATES CASKS AGAINST CURRENT PROGRAM REQUIREMENTS**

- **REVIEW INCLUDES ANALYSIS OF -**
 - **FEASIBILITY OF MEETING SCHEDULE**
 - **IMPACTS OF BUDGET CONSTRAINTS**
 - **COMPATIBILITY WITH SHIPPING SITES**
 - **OPERATIONAL CAPABILITIES**
 - **COSTS**

- **FINAL REPORT DUE NOVEMBER 1991**



TWO-PHASE CASK PROGRAM

- **ENSURE TRANSPORTATION CAPABILITY BY 1998**
- **PHASE I (NEAR-TERM) - ACQUIRE CURRENT TECHNOLOGY CASKS FOR START-UP**
 - **EXISTING CASKS**
 - **ENHANCEMENTS TO EXISTING CASKS**
 - **NEW CASKS WHICH USE CURRENT TECHNOLOGY**
- **PHASE II (LONG-TERM) - INITIATIVE I CASKS BECOME PART OF DEVELOPMENT PROGRAM**
- **STATUS OF NEW APPROACH**