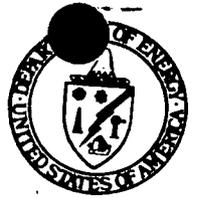


**OCRWM TRANSPORTATION INSTITUTIONAL  
PROGRAM**

**SUSAN SMITH  
TRANSPORTATION BRANCH  
OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT**

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

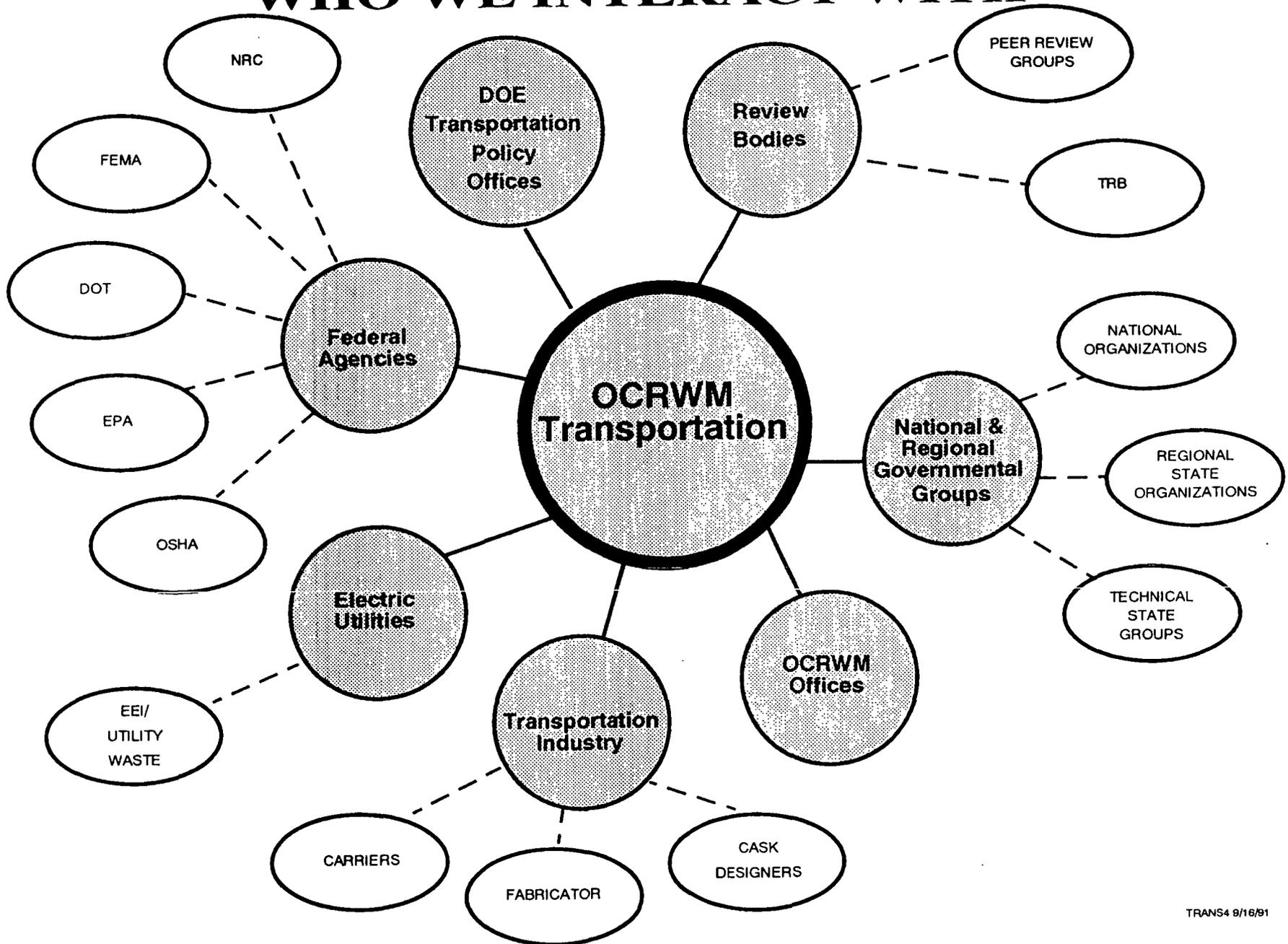


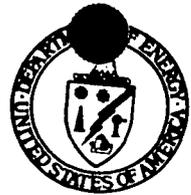
# **PLANNING FOR TRANSPORTATION REQUIRES INTERACTIONS WITH DIVERSE ORGANIZATIONS**

**THE INSTITUTIONAL COMPONENT OF THE TRANSPORTATION  
PROGRAM PROVIDES MECHANISMS FOR:**

- **INTERACTIONS WITH ORGANIZATIONS**
- **THE IDENTIFICATION AND RESOLUTION OF TECHNICAL AND  
INSTITUTIONAL ISSUES**
- **PUBLIC INFORMATION**

# WHO WE INTERACT WITH





## **MECHANISMS FOR COORDINATION**

- **DISCUSSION AT NATIONAL, REGIONAL, FORMAL, AND INFORMAL MEETINGS**
- **COOPERATIVE AGREEMENT GROUP RESEARCH, DOCUMENTS AND MEETINGS**
- **EXTERNAL REVIEW AND COMMENT ON POLICY, TECHNICAL AND INSTITUTIONAL DOCUMENTS**
- **OCRWM LEGAL, REGULATORY, AND NEWS ANALYSES**
- **OCRWM CONTRACTOR RESEARCH REPORTS**
- **PUBLIC INFORMATION PROGRAMS**



## **OCRWM TRANSPORTATION HAS AGREEMENTS WITH NATIONAL ORGANIZATIONS**

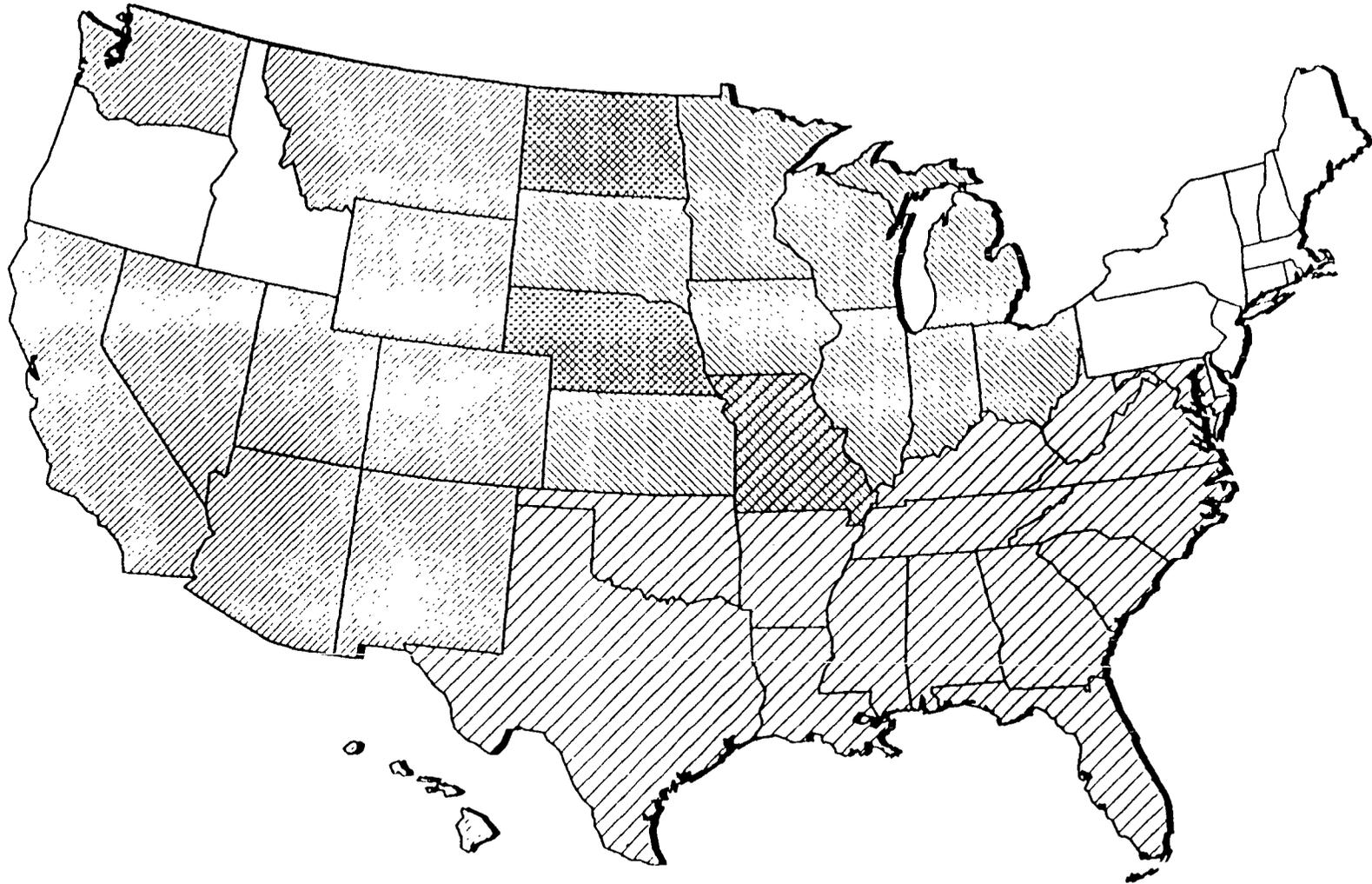
### **STATE AND TRIBAL GROUPS**

- **NATIONAL CONFERENCE OF STATE LEGISLATURES (NCSL)**
- **NATIONAL CONGRESS OF AMERICAN INDIANS (NCAI)**

### **REGIONAL GROUPS**

- **WESTERN INTERSTATE ENERGY BOARD (WIEB)**
- **SOUTHERN STATES' ENERGY BOARD (SSEB)**
- **MIDWESTERN OFFICE OF THE COUNCIL OF STATE GOVERNMENTS (MOCSSG)**

# STATES REPRESENTED BY REGIONAL GROUPS UNDER AGREEMENT WITH OCRWM TRANSPORTATION



 **Western Interstate  
Energy Board (WIEB)**

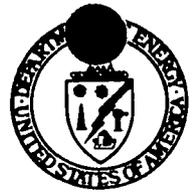
Arizona	Nevada
California	New Mexico
Colorado	North Dakota
Hawaii	Utah
Montana	Washington
Nebraska	Wyoming

 **Midwestern Office of the Council  
of State Governments (MOCSG)**

Illinois	Missouri
Indiana	Nebraska
Iowa	North Dakota
Kansas	South Dakota
Michigan	Ohio
Minnesota	Wisconsin

 **Southern States  
Energy Board (SSEB)**

Alabama	Missouri
Arkansas	North Carolina
Florida	Oklahoma
Georgia	South Carolina
Kentucky	Tennessee
Louisiana	Texas
Maryland	Virginia



## **OCRWM TRANSPORTATION HAS AGREEMENTS WITH TECHNICAL GROUPS**

- **COMMERCIAL VEHICLE SAFETY ALLIANCE (CVSA)**
- **CONFERENCE OF RADIATION CONTROL PROGRAM DIRECTORS (CRCPD)**



## **ISSUES IDENTIFIED BY INTERESTED GROUPS**

- **PRENOTIFICATION**
- **PHYSICAL PROTECTION PROCEDURES**
- **HIGHWAY ROUTING**
- **RAIL AND BARGE ROUTING**
- **LIABILITY COVERAGE**
- **CASK DESIGN AND TESTING**
- **OVERWEIGHT TRUCK SHIPMENTS**
- **TRANSPORTATION MODAL MIX**
- **INFRASTRUCTURE IMPROVEMENTS**
- **TRANSPORTATION OPERATIONAL PROCEDURES**
- **STATE, TRIBAL, AND LOCAL REGULATION OF RADIOACTIVE WASTE TRANSPORTATION**
- **IMPLEMENTATION OF SECTION 180(C) REGULATIONS FOR EMERGENCY RESPONSE AND SAFE TRANSPORTATION**



## **OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT**

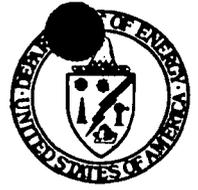
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### **CURRENT SPECIFIC AREAS OF INTEREST**

- **SECTION 180(C) PLANNING**
- **DEVELOPMENT OF UNIFORM STATE INSPECTION PROCEDURES**
- **PRENOTIFICATION AND PHYSICAL PROTECTION REQUIREMENTS**

**OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT**

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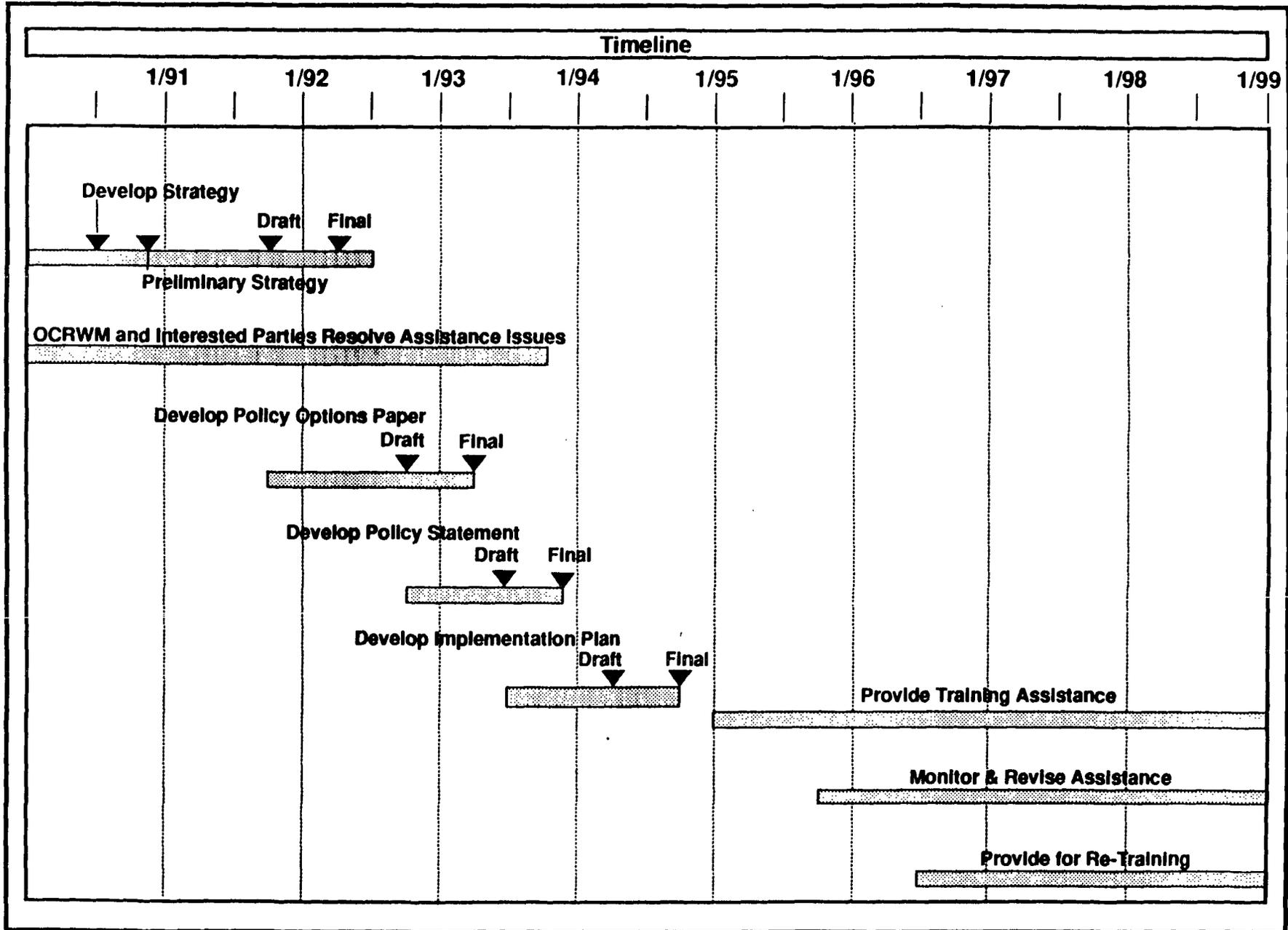


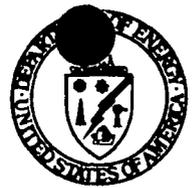
**SECTION 180(C) PLANNING**

**SECTION 180(C) OF THE NUCLEAR WASTE POLICY ACT, AS AMENDED STATES THAT DOE SHALL:**

- **PROVIDE TECHNICAL ASSISTANCE AND FUNDS TO**
  - **STATES FOR TRAINING FOR PUBLIC SAFETY OFFICIALS OF APPROPRIATE UNITS OF LOCAL GOVERNMENT**
  - **INDIAN TRIBES**
- **TRAINING SHALL COVER PROCEDURES REQUIRED FOR**
  - **SAFE ROUTINE TRANSPORTATION OF THESE MATERIALS**
  - **EMERGENCY RESPONSE SITUATIONS**

**Figure 1. Schedule for the Proposed Training Assistance Process**





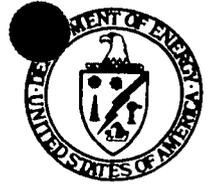
## **SECTION 180(C) STATUS**

- **HELD DECEMBER 1990 TCG MEETING ON PRELIMINARY DRAFT OF STRATEGY**
- **WILL ISSUE DRAFT STRATEGY FOR FORMAL COMMENT SHORTLY**
- **INTEGRATING WITH OTHER DOE EMERGENCY PREPAREDNESS ACTIVITIES**
- **INTEGRATING WITH THE FEDERAL RADIOLOGICAL PREPAREDNESS COORDINATING COMMITTEE**
- **INTEGRATING WITH HAZARDOUS MATERIALS TRANSPORTATION UNIFORM SAFETY ACT**
- **DRAFTING SECTION 180(C) POLICY OPTIONS PAPER**



## **OCRWM INTEGRATION OF 180(C) PLANNING WITHIN DOE**

- **DOE HAS CONVENED THE DEPARTMENT-WIDE TRANSPORTATION EMERGENCY PREPAREDNESS PROGRAM (TEPP) STEERING COMMITTEE TO:**
  - **COORDINATE ALL DOE TRANSPORTATION EMERGENCY PREPAREDNESS ACTIVITIES**
  - **ASSESS STATE, LOCAL, AND TRIBAL SUPPORT NEEDS**
- **AN OCRWM REPRESENTATIVE SERVES ON TEPP COMMITTEES**
- **DOE WILL ATTEMPT TO MINIMIZE DUPLICATION OF TRAINING FOR STATE, LOCAL, AND TRIBAL PERSONNEL DEALING WITH OCRWM, WIPP, AND OTHER DOE PROGRAMS**



## **OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT**

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### **INTEGRATION OF SECTION 17 OF HMT-USA 1990**

- **DOT WILL PROVIDE STATES \$5 MILLION/FISCAL YEAR FOR EACH YEAR FROM 1993-1998 FOR EMERGENCY RESPONSE PLANNING**
- **DOT WILL PROVIDE STATES AND INDIAN TRIBES \$7.8 MILLION/FISCAL YEAR FOR EACH YEAR FROM 1993-1998 FOR EMERGENCY RESPONSE TRAINING**
- **TECHNICAL ASSISTANCE FOR CARRYING OUT EMERGENCY RESPONSE TRAINING AND PLANNING WILL BE PROVIDED BY 5 AGENCIES**

**OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT**

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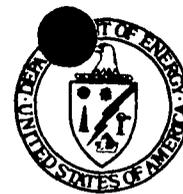


**CVSA/DOE PILOT STUDY**

- **STATE INSPECTION AND ENFORCEMENT OF NWPA SHIPMENTS WAS IDENTIFIED AS AN INSTITUTIONAL ISSUE IN NOVEMBER 1985 BY PARTICIPANTS AT AN ATLANTA TRANSPORTATION COORDINATION GROUP WORKSHOP**
- **RECOMMENDATIONS WERE:**
  - **EVALUATE CURRENT STATE INSPECTION STANDARDS**
  - **SPONSOR DEVELOPMENT OF UNIFORM PROCEDURES**

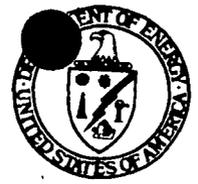
**OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT**

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**CVSA/DOE PILOT STUDY**

- **OCRWM ENTERED INTO A COOPERATIVE AGREEMENT IN SEPTEMBER 1986 WITH COMMERCIAL VEHICLE SAFETY ALLIANCE (CVSA), TO:**
  - **DEVELOP UNIFORM VEHICLE INSPECTIONS**
  - **DEVELOP CRITERIA FOR INSPECTIONS OF**
    - - **DRIVERS,**
    - - **SHIPPING PAPERS,**
    - - **VEHICLE,**
    - - **AND PACKAGE.**
- **GOAL OF EFFORT: MINIMIZE OR ELIMINATE ENROUTE INSPECTIONS**



## **OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT**

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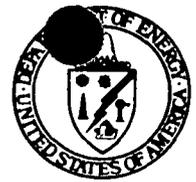
### **CVSA/DOE PILOT STUDY**

- **THE INSPECTION PROCEDURES WILL BE TESTED ON WIPP SHIPMENTS AND DOE CESIUM SHIPMENTS**
- **STATES INVOLVED IN THE RESEARCH PROGRAM INCLUDE COLORADO, NEW MEXICO, OREGON, UTAH, WASHINGTON, AND WYOMING**
- **FIRST TRAINING COURSE FOR STATE INSPECTORS AND DOE PERSONNEL WILL BE IN OCTOBER 1991**
- **THE PROCEDURES IMPLEMENT AND ENHANCE DOT STATE INSPECTION REQUIREMENTS FOR SHIPMENTS OF SPENT FUEL AND HIGH-LEVEL WASTE**

**DOE/OCVSA Pilot Study  
Transuranic, Spent Fuel, and High Level Radioactive Waste Shipment Inspection  
Training Course**

**COURSE AGENDA**

	<b>MONDAY</b>	<b>TUESDAY</b>	<b>WEDNESDAY</b>	<b>THURSDAY</b>	<b>FRIDAY</b>
8:00	Introduction (1 hr)	Hazardous Materials Overview (3 hr)	Radiological Regulations (3 hr)	Recognition of Drug and Alcohol Impairment (1 hr)	Wrap-Up/Questions (1 hr)
9:00	Pilot Study Enhancements to the North American Inspection Standards (2 hr)			The Pilot Study Inspection Form (2 hr)	Test (2 hr)
10:00					
11:00					
11:30 - 12:30	Lunch	Lunch	Lunch	Lunch	Lunch
12:00					
1:00	Pactical Inspection (Mechanical) (3 hr)	Introduction to Radiation (3 hr)	Radiological Survey Instruments and Their Use in Transportation Inspections (3 hr)	Practical Inspection (Radiological) (3 hr)	Course Critique (2 hr)
2:00				Point of Destination Driver Interview/Course Review (3 hr)	2:30 Adjourn
3:00					
4:00	4:30 Adjourn	4:30 Adjourn	4:30 Adjourn	4:30 Adjourn	



## **PRENOTIFICATION AND PHYSICAL SECURITY**

- **DOE IS CONSIDERING AMENDING ITS PRENOTIFICATION POLICY TO INCLUDE NOTIFICATION TO INDIAN TRIBES SIMILAR TO STATES**
  - **OCRWM WILL NEED TO OBTAIN NRC COMMENT**
  - **TRIBAL NOTIFICATION FOR AN NRC SHIPMENT CONSTITUTES A BREACH OF NRC PHYSICAL PROTECTION REGULATIONS**
- **USE OF SATELLITE TRACKING WOULD ALSO BREACH NRC PHYSICAL PROTECTION PROCEDURES**
- **DISCUSSIONS UNDERWAY TO RESOLVE CONFLICT**