Commercial Vehicle Safety Alliance (CVSA)

Promoting Safety and Efficiency in the OCRWM Program

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CVSA

- Organization of Federal, State, and Provincial government agencies and representatives from private industry in the United States, Canada, and Mexico. Other agencies include:
  - State police
  - Highway patrols
  - Public service and utility commissions
  - Departments of Transportation, Motor Vehicles, and Public Safety
  - Canadian Government
  - Mexican Government
  - Supporting Groups - US DOE and DOT, Canadian DOT, and Associate Industry Members
CVSA’s Goals

- Enhance the safety of commercial vehicles
- Improve commercial vehicle safety operation
- Minimize schedule delays
- Ensure effective allocation of resources
- Avoid duplications with reciprocity of inspections
Cooperative Agreement Group With OCRWM Under the agreement with DOE:

- Developed enhanced inspection procedures based on North American Standard covering spent fuel transportation, vehicles, drivers and cargo
- Conduct a pilot study to test the procedures
- Ultimately determine the number of inspections needed for maximum safety
- Train inspectors
- Ultimate goal - establish uniform, enhanced inspection procedures that will be honored by states
North American Standard

- CVSA best known for developing uniform inspection procedures known as the North American Standard
- Brakes, steering, tires, wheels, drivers qualifications and cargo securement are among the items covered
- Changes made annually to keep procedures current
Enhanced North American Standard

- Inspect at origin and destination
- Enhanced standard includes:
  - NAS - Brakes 20% or more of total brakes out of adjustment = out of service
  - enhanced NAS - no brakes can be out of adjustment
- Shipments do not leave until they are defect free
- Based on trip duration and data collected from trial inspections, shipments may or may not be inspected enroute
Office of Civilian Radioactive Waste Management

Inspector Training Course

- Importance of public perception of radioactive materials and the role trainers play in their movement through a community

- Course consists of classroom and practical experience, including:
  - review of the basics of radiation and radiological regulations, and radiological survey instruments and their use in transportation inspections
  - enhancements to the North American Standard
  - refresher on driver impairment followed by instruction on using the Pilot Inspection Form
  - a practical inspection of a vehicle with a mock spent nuclear fuel shipment
  - course concludes with a review, testing and a course critique
Training Courses Conducted to Date

- 4 training courses held
- 55 state inspectors have been trained
Direction of the Program

- Conduct three more training sessions and a refresher course for previously trained inspectors
- Hold meetings with Indian tribes
- Continue work on the outreach program
  - video
  - brochure