OST MISSION

- Provide Safe and Secure Ground Transportation of Nuclear Weapons, Nuclear Weapon Components and Special Nuclear Material

- Provide Safe and Secure Air Transportation of Nuclear Weapon Components

- Conduct Other Missions Supporting the National Security of the United States
Ensure mission success amidst a dynamic, complex and asymmetrical safety and security environment.
ACTIVE SECURITY DOCTRINE

- Detect, Deter, Disrupt Threat
- Be Prepared to Defend, Recapture, Recover

Operationally-Focused, Intelligence-Driven Organization
ACTIVE SECURITY
DOCTRINE

- **Intellectual Component**
  - Anticipate the Operating Environment
  - Create an Environment of Uncertainty
  - Initiative-Based Tactics and Command and Control

- **Practical Component**
  - Robust C4ISR Architecture
  - Focused Intelligence Cycle
  - Ruthless Alertness to Adversary Patterns
  - “Habits of Unpredictability”
  - Control Operating Space
  - Brilliance in the Basics
OST ROUTE SYSTEM

[Map of the United States showing the OST route system with yellow lines across the country.]
Transportation Command and Control System (TCCS)
- Redundant, Multi-Tier Command and Control System Utilizing Multiple Data Paths
- Real-Time Positioning Capability
- Continuous, Dynamic Messaging and Communication Capabilities
- Superior Command and Control Capabilities in Scenarios of Extreme Tactical and Environmental Duress

Supporting Systems & Capabilities
- Advanced Situational Awareness Technology
- Intelligence-Driven Decision Support
- Asset Management and Control
TCCS ARCHITECTURE
Program Office for Research and Analysis

- Focused Intelligence Integration
- Threat Spectrum
- Priority Intelligence Requirements
  - Integration of Adversary and Mission Courses of Action
    - Critical Tasks
    - Indicators and Indications
- Named Area of Interest Characterization
- Remain Unpredictable
  - Force Threat into Patterns of Activity
  - Detection and Analysis
  - Chess Match
  - Ruthless Adherence to Deductive Thought Process

Tucker’s Laws
- The Initial Results of an Ambush Don’t Change
- An Adversary is Most Vulnerable During the Pre-Attack Phase
OFFICE OF MISSION OPERATIONS

- Agent Operations
  - Requirements
  - Retirement
  - Operations

- Operations
  - Liaison Mission
  - Planning and Scheduling
  - Aviation Operations
  - Command and Control
Agent Commands

- Federal Agent Requirements
  - Must Possess a DOE Q-Clearance
  - Meet Stringent Mental and Medical Requirements
  - Must Complete:
    - 20-Week Agent Candidate Training
    - 1-Year Probation
    - 3-Year On-the-Job Training
  - Must Qualify Semi-Annually:
    - Physical Requirements
    - Firearms
  - Willingness to Use Deadly Force to Protect Shipment
  - Willingness to Work with Nuclear Explosives

- Federal Agent Retirement
  - 20-Year Retirement, October 1998
Agent Commands

- **Operations Concept**
  - Tractor-Trailer Convoys on Established Routes
  - Three Agents per Vehicle
  - Standard Operating Procedures
  - Centralized Planning and Tracking
  - Decentralized Execution – Convoy Commander is in Charge
Operations

- Liaison Mission
  - Law Enforcement Agencies
  - State and Local Governments

- Planning and Scheduling
  - Convoy
  - Aircraft
  - Contractors
Operations

- **Command and Control**
  - 24/7 Operations Center
  - Tracking and Monitoring all OST Ground and Air Activities
    - Convoys
    - Training
    - Aviation
  - Real-Time Operational and Emergency Management Response
    - OST Convoys
    - WIPP Convoys
    - Special Customer
  - ARG, RAP and JTOT Support/Tracking/Notifications
Safety, Security and Emergency Management

- Emergency Management Provides an Operational Emergency Preparedness/Readiness Program
  - Consequence Assessment and Release Modeling
  - Training, Drills, Exercises and Emergency Response Organization
  - NNSA Service Center and NA-40 Assets (RAP, ARG, NEST, JTOT) Support

- Emergency Operations Center (EOC) and Alternate
  - Complete Communication Capabilities (Unclassified and Classified)
  - Multi-Screen Display, Television and Video Capabilities
  - Back-Up for DOE/NNSA HQ EOC
AVIATION OPERATIONS

- Aircraft
- DOE/NNSA Support
  - NNSA/DOE Emergency Response Programs to include RAP, ARG and JTOT
  - Limited Life Components Stockpile Support
  - Classified and Hazardous Materials Transportation
  - OST Mission Support
  - R&D Support for Labs
  - Official Travel
  - Surveillance and Reconnaissance

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OST TRAINING

Leadership Development

Federal Agent Training
- Curriculum Development
- Agent Candidate Training
- On-the-Job Training
- Operational Readiness Training
- Unit Training
- Special Response Force

Emergency Management

Transportation and Emergency Control Center

Work-for-Others
Always Confident, Never Comfortable