

U.S. DEPARTMENT *of* ENERGY

Office of Environmental Management

Julia Shenk, Office Director
Packaging and Transportation

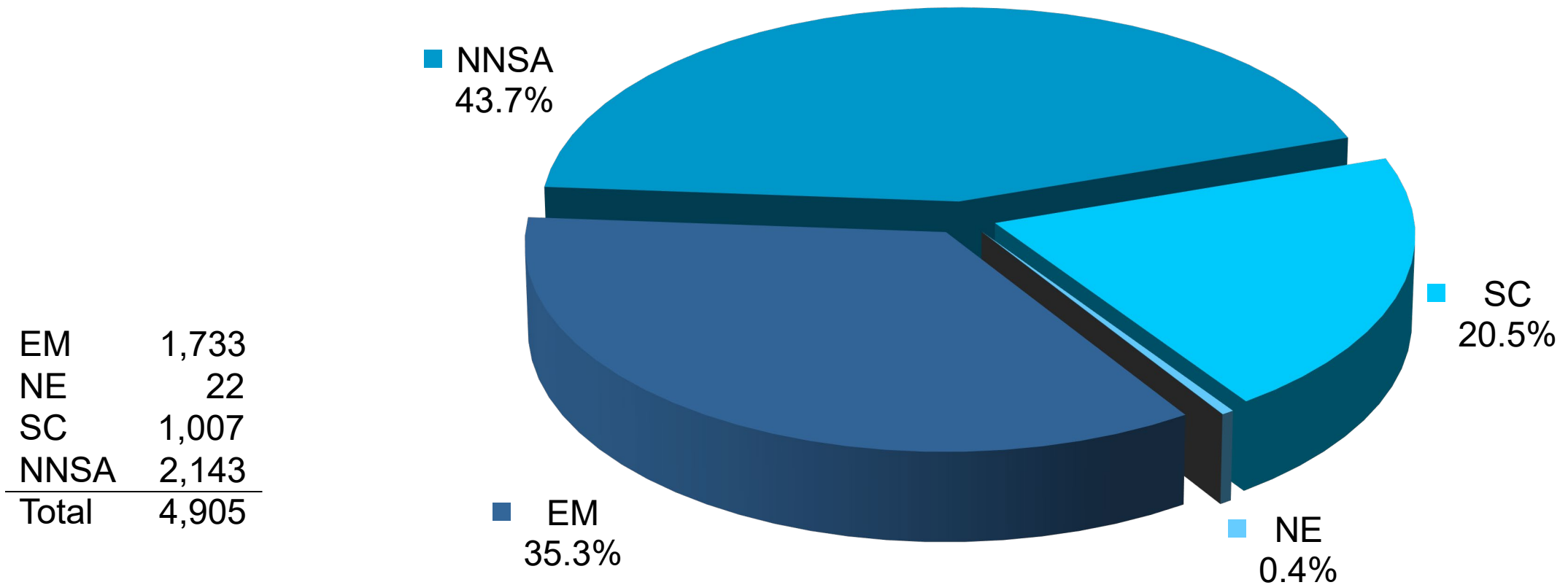
Office of Packaging & Transportation Mission

The Office of Packaging and Transportation (OPT) protects people and the environment by ensuring safe, compliant and efficient packaging and transportation of materials. We achieve this mission by conducting packaging and transportation assessments and oversight; assisting field sites; and developing and managing policies, guidance and tools in accordance with DOE requirements and government regulations.



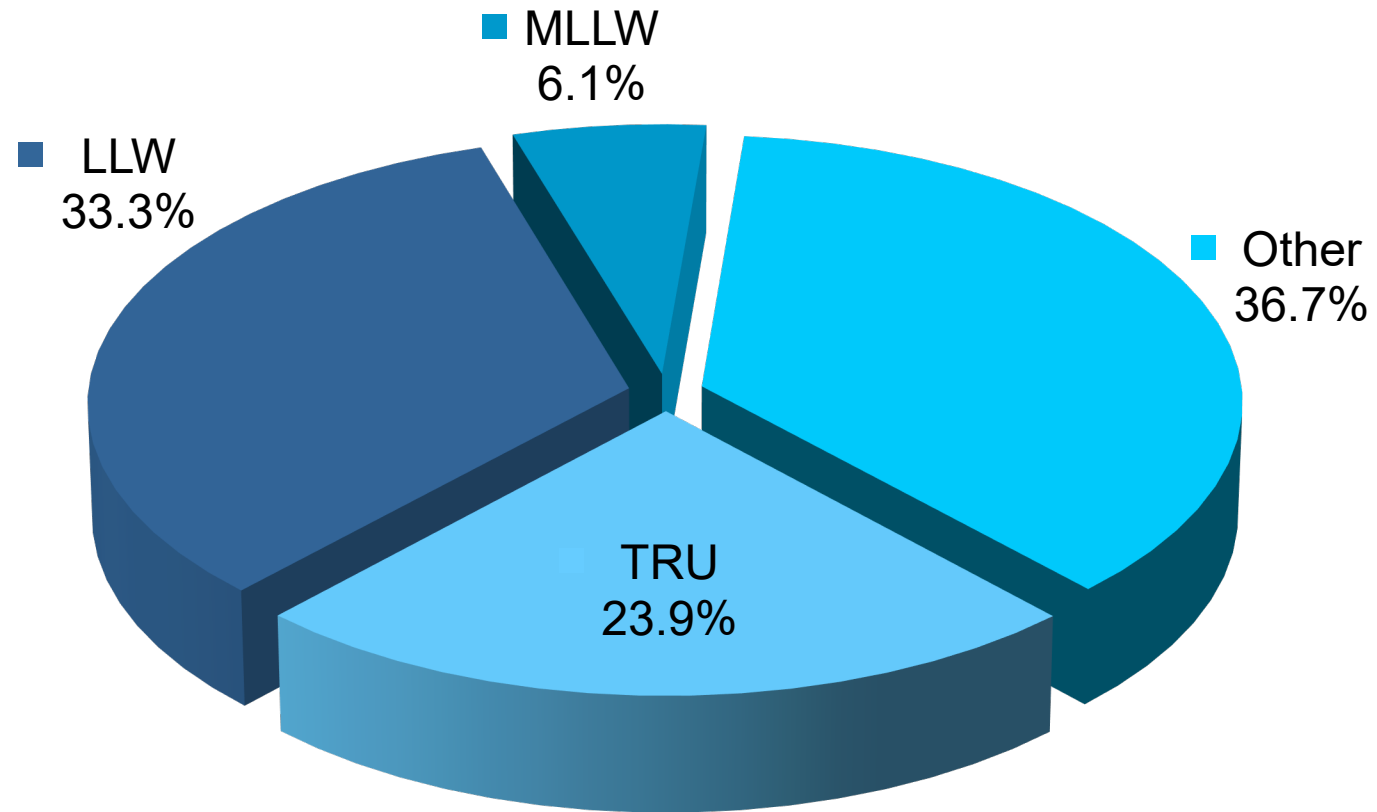
FY25 DOE Shipments

FY25 Offsite Hazardous Shipments by Program



FY25 EM Waste Materials

FY25 EM Waste Materials Shipped



LLW	196
MLLW	36
TRU	141
Other	220
<hr/> Total	<hr/> 593



OPT Key Programs & Responsibilities

Compliance

- Motor Carrier Evaluation Program (MCEP); 30+ carriers
- Transportation Compliance Assurance Program (TCAP) for DOE sites

Packaging Certification Program (PCP)

- Supported by specialized teams at DOE National Laboratories
- Type B package Certificates of Compliance and revisions
- Accredited, graduate-level courses in packaging and transportation
- RFID technology and transportation security innovations

Partner engagement and training

- Transportation Emergency Preparedness Program (TEPP)
- National Transportation Stakeholders Forum (NTSF)

Transportation planning and management tools

- ATLAS – transportation management
- RadAnalysis (formerly RADCALC) – shipping calculations
- TRAGIS – transportation routing
- RAMPAC website (rampac.energy.gov)

Field support

- Direct engagement with site transportation managers
- Transportation Management Council; Packaging Management Council (TMC/PMC)
- Freight management program; 40+ national trucking tender/contract rates and billing dispute support

Policy and regulatory support

- DOE Orders 460.1 and 460.2
- Primary interface with other federal agencies on transportation matters



Motor Carrier Evaluation Program (MCEP)

- Promotes responsible and safe transport of DOE radioactive materials and hazardous wastes
- MCEP provides a transparent, technically defensible basis for DOE and its contractors to exercise due diligence in selecting and hiring services of trucking companies
- Areas of evaluation include:
 - Driver training
 - Drug and alcohol testing programs
 - Security plans
 - Financial security and insurance requirements
 - Review of DOT safety measurements and inspections
 - Equipment maintenance and records



National Transportation Stakeholders Forum (NTSF)

- DOE's primary mechanism to communicate with States and Tribes about shipments of radioactive material
- EM solicits State and Tribal input for shipment planning and execution
- DOE-EM and sites provide details on planned high-volume shipments of radioactive waste, transuranic waste, and other high-visibility shipments of possible interest to stakeholders
- Cooperative agreements with four State Regional Groups and the Tribal Radioactive Materials Transportation Committee (TRMTC)
- Annual meeting June 22-25, 2026 in Austin, TX
 - <https://www.ntsfc.info>



Transportation Emergency Preparedness Program (TEPP)

- Provides tools for planning, training and exercises, and technical assistance to State and Tribal authorities to prepare for transportation incidents involving DOE radioactive material shipments
- First responder training provided at no cost to jurisdictions along DOE shipping routes
- In FY25, training conducted in 22 states – 130 classes and 2,083 students
- Website: <https://teppinfo.com>



Points of Contact

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