

A close-up, stylized image of the American flag, showing the stars and stripes in a curved, draped manner. The stars are white on a dark blue field, and the stripes are red and white.

tst[®]

TRI-STATE MOTOR TRANSIT CO



A stylized graphic of the American flag, showing the stars and stripes, is positioned on the left side of the page. The background of the entire page is a dark blue, textured surface.

BIOGRAPHY CHARLES PITTMAN

Charlie Pittman, Vice-President of Sales, Marketing, Logistics and Operations, has over forty years of experience in transportation and management.

He has held many positions in transportation, including the manufacturing shipping functions, sales and operations functions with trucking companies.

He was Traffic Manager for a company that manufactured heavy specialized equipment. In this capacity he was responsible for the day to day shipments of large and small components.

He joined Tri-State Motor Transit Company in 1977 as a sales trainee and the career path at TSMT progress to being named Vice President of Sales in 1988. In this function he was responsible for all sales and marketing functions for the hazardous, explosive and radioactive markets.

He left TSMT and gained additional experience in the general freight, temperature control and logistics fields, then, rejoined TSMT, and held VP positions in the operations and sales departments of the company.

His education background is Missouri Southern State College and Missouri University Transportation Management Program.





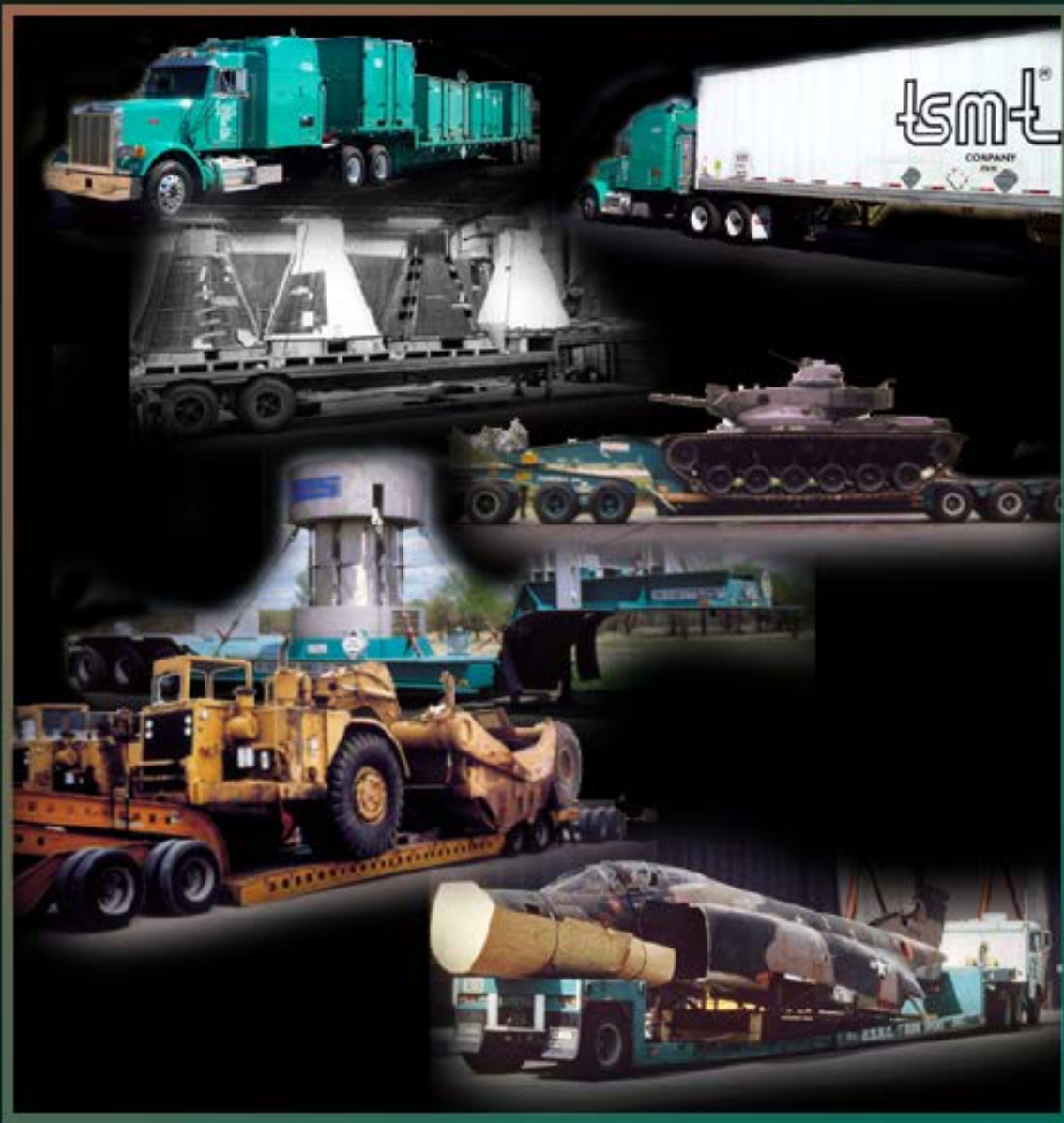
- **Founded in 1903 - Tri-State Transport Commercial Explosives Carrier**
- **Incorporated in 1931 - Tri-State Motor Transit**
- **1931 - Approved as Department of Defense Carrier**
- **1953 - First carrier to transport radioactive materials by International Atomic Energy Commission (IAEC)**

A stylized graphic of the American flag, showing the stars and stripes, is positioned on the left side of the slide. The background of the slide is a dark blue, textured surface.

Capabilities

- **Government and Commercial Explosives**
- **Radioactive Materials**
- **Airline & Aerospace Industries**
- **Hazardous Waste**
- **Over-Dimensional Freight**
- **Dedicated Fleets**
- **Logistics**
- **Classified**

Capabilities



Capabilities

Radioactive Materials



Capabilities

Radioactive Materials



Capabilities

Radioactive Materials



Tri-State Motor Transit Co.

Safety

Accident ratio consistently less than one accident per million miles

Of 461 DOT inspections in 24 months:

- Vehicle out of service ratio is 10.2% compared to the national average of 20.7%
- Driver out of service ratio is 0.5% compared to the national average of 5.5%
- Hazmat out of service ratio is 1.0% compared to the national average of 4.5%

Radioactive Materials Training



1. Introduction to Radioactive Material
 - a. 49 CFR 177.800
 - b. Purpose and scope of training
2. Definitions
 - a. Alpha Radiation
 - b. Beta Radiation
 - c. Gamma Radiation
 - d. Neutrons
3. Units of Measure
 - a. mSv
 - b. mrem
 - c. Bq
 - d. kBq
 - e. Mbq
 - f. GBq
 - g. TBq
4. Radiation Detection Instruments
 - a. Geiger Counter
 - b. Monitoring devices
5. Routing and Parking Requirements
 - a. Restricted routes
 - b. Company policies



Radioactive Materials Training



6. Shipping Documents
 - a. Proper shipping descriptions including additional entries as required in 49 CFR 172.203 d
 - b. Empty/Loaded surveys
7. Marking of Containers
 - a. Markings
 - b. LSA, SCO
8. Labels and Placarding
 - a. Radioactive White I Labels
 - b. Radioactive Yellow II Labels
 - c. Radioactive Yellow III Labels
 - d. General Placarding Requirements
9. Entering Nuclear Power Plants
 - a. Timeliness
 - b. Equipment
 - c. Inspections
 - d. Documentation
 - e. Contraband
 - f. Facility rules



Tri-State Motor Transit Co.

Security

- Drivers cleared by: Department of Defense
Department of Energy
- CDL HAZMAT endorsements-background checks
- DOT and TSA approved security plan
- TSMT has two of only three DOD approved commercial safehavens in the United States
- Complete Disaster Recovery System and Operational, Safety, and Security Plan
- Complete self-contained computer, data, communications including complete redundant back-up system three states away non-adjointing power grid



A close-up, slightly blurred view of the American flag, showing the stars and stripes, positioned on the left side of the image. The background is a dark blue, textured surface.

**For more information, please see
our website: www.tsmtco.com**

tsmt[®]

A stylized American flag is visible on the left side of the slide, showing the stars and stripes. The background of the slide is a dark blue, textured surface.

MOTOR CARRIER CHALLENGES IN TRANSPORTING RADIOACTIVE MATERIAL

- **Capacity Issues**
- **Market Issues**
- **Customer/Shipper Issues**

CAPACITY ISSUES

- **Driver supply not keeping up with driver demand**
Projection shortfall of 239,000 drivers by 2022
- **Competition for available drivers**
New drivers in work force want to be home nightly/weekly
Do not want to be involved in hazardous material
Treat driving as a job, not a career
- **Aging driver force**
Medium age 50 years old (approximately)
Medium age of drivers for hazardous materials 54 years old (approximately)

CAPACITY ISSUES (cont'd)

- **Impact of new regulations**
 - CSA-more accountability and tightening of medical certification**
 - Hours of Service requirements**
 - Electronic logs**
 - New EPA emissions standards**

MARKET ISSUES

- **Extremely rigid schedules**
- **Restrictions on trucks**
 - Pet trucks not allowed**
 - Weight issues**
- **Exclusive use requirements**
- **Power plant security process**
 - Drivers really resent the searches at power plants**

CUSTOMER ISSUES

- Lack of customer/shipper knowledge on permits, routing, etc.
- Rigid schedules with extremely tight loading/unloading process
- Excessive loading/unloading time
- Variety of trailers requested
Van, flatbed, step deck, RGN, roll-off, tanker, soft side, Conestoga