Proven Capabilities for DOE/NNSA Projects

Tetra Tech understands the complexities of the transportation requirements of the U.S. Department of Energy (DOE), National Nuclear Security Administration (NNSA), and Department of Transportation (DOT). Our staff have decades of experience developing innovative approaches to nuclear packaging and transportation to facilitate disposition or relocation of materials within the DOE/NNSA complex. Our experience includes:

- Nuclear materials disposition project and program plans
- Packaging and shipping plans and strategies
- Transportation Safety Documents (TSDs)
- Material characterization, including documenting and verifying processing histories
- Containerization and packaging support
- Ensuring compliance with receiver waste acceptance criteria (WAC)
- Multi-site classified and unclassified materials project coordination for the DOE Nuclear Materials Management Team (NMMT)
- Safety Analysis Reports for Packaging (SARPs) and related document preparation, editing, and technical review
- DOE transportation safety and Federal Motor Carrier Safety Administration program implementation
- Safety Evaluation Reports (SERs) and Certificates of Compliance (CoCs) preparation for the DOE Headquarters Certifying Official
- Identifying opportunities for harmonizing domestic and international regulations

Tetra Tech has the expertise and experience essential to successfully support nuclear materials transportation tasks in the DOE/NNSA complex.
Providing Added Value

- Tetra Tech provides program-specific and site-specific transportation solutions within the context of a thorough understanding of DOE/NNSA complex-wide drivers and capabilities and DOE/NNSA and DOT requirements.
- Our broad experience enables us to apply knowledge of requirements and lessons learned from multiple DOE/NNSA sites.
- Our understanding of all aspects of DOE/NNSA projects enables us to achieve prompt resolutions for any issues that arise and to identify and capitalize on opportunities to accomplish tasks more efficiently.
- Our proactive, comprehensive commitment to quality and project success consistently generates added value for our customers.

Tetra Tech has a strong record of performance in providing technical services to U.S. government organizations, government contractors, and private industry. Our customers include:

- Sandia National Laboratories
- Los Alamos National Laboratory
- Y-12 National Security Complex
- Oak Ridge National Laboratory
- DOE Portsmouth/Paducah Project Office
- Pantex Plant
- DOE Oak Ridge Office of Environmental Management
- Nevada National Security Site
- Brookhaven National Laboratory
- Idaho National Laboratory
- Lawrence Livermore National Laboratory
- Pacific Northwest National Laboratory
- Savannah River National Laboratory
- Argonne National Laboratory

We have extensive experience supporting shipments from multiple DOE/NNSA sites to the Nevada National Security Site.

A Tetra Tech employee created and maintains the RAMPAC Calc spreadsheet used by DOE/NNSA sites.

Our personnel have been called upon to provide training on IAEA regulations for international audiences.

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