PART I – THE SCHEDULE
SECTION C
PERFORMANCE WORK STATEMENT

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LIST OF ACRONYMS

Acronym	Description
ANL-E	Argonne National Laboratory-East
BAPL	Bettis Atomic Power Laboratory
CAR	Corrective Action Report
CAP	Corrective Action Plan
CBFO	Carlsbad Field Office
CFR	Code of Federal Regulations
CH-	Contact-handled
CMR	Central Monitoring Room
CO	Contracting Officer
COR	Contracting Officer's Representative
CVSA	Commercial Vehicle Safety Alliance
DEF	Diesel exhaust fluid
DHS	Department of Homeland Security
DOE	Department of Energy
DOT	Department of Transportation
DUI	Driving Under the Influence
DVIR	Driver Vehicle Inspection Record
DWI	Driving While Intoxicated
EM	Environmental Management
FMCSA	Federal Motor Carrier Safety Administration
FTR	Federal Travel Regulations
GFP	Government Furnished Property
GPS	Global Positioning System
HAZMAT	Hazardous Materials
HP	HALFPACT
HRCQ	Highway Route-Controlled Quantity
INL	Idaho National Laboratory
ISMS	Integrated Safety Management System
JHA	Job Hazards Analysis
KAPL	Knolls Atomic Power Laboratory
LANL	Los Alamos National Laboratory
LIC	License
LLNL	Lawrence Livermore National Laboratory
MREM	Milli-roentgen equivalent man
NNSS	Nevada Nuclear Security Site
NRC	Nuclear Regulatory Commission
O&M	Operations and Maintenance
ORNL	Oak Ridge National Laboratory
ORP	Office of River Protection

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OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated biphenyl
PGDP	Paducah Gaseous Diffusion Plant
PWS	Performance Work Statement
QA	Quality Assurance
QAPD	QA Program Document
RCRA	Resource Conservation and Recovery Act
RH-	Remote-handled
SNL	Sandia National Laboratories
SPRU	Separations Process Research Unit
SRS	Savannah River Site
TLD	Thermoluminescent Dosimeter
TP	TRUPACT
TRL	Trailer
TRU	Transuranic waste
TRUPACT	Transuranic Package Transporter
WAC	Waste Acceptance Criteria
WIPP	Waste Isolation Pilot Plant
WVDP	West Valley Demonstration Project

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C.1 SCOPE

C.1.1 This effort is for the transport of contact-handled (CH) and remote-handled (RH) transuranic (TRU) wastes. The contract effort requires providing facilities, personnel, and equipment to operate a local terminal and transportation and maintenance services. Contractor-provided equipment shall include tractors and necessary support equipment listed in C.3.3. Prior to shipping operations, the Government will assign the number of trailers specified in Section B in each individual task order as Government Furnished Property (GFP).

C.1.2 The Contractor shall provide transportation services necessary to support the Waste Isolation Pilot Plant (WIPP), including:

a. transportation of mixed and non-mixed CH- and RH-TRU waste, asbestos, and polychlorinated biphenyl (PCB) contaminated TRU waste from generator sites to WIPP;
b. transportation of CH- and RH-TRU waste between generator sites as listed in Appendix 1 (TRU Waste Storage Sites, Locations and Mileage); and
c. transportation of training units or empty shipping packaging to training/exercises and/or public awareness events; transportation of other equipment as designated by Carlsbad Field Office (CBFO); and maintenance of GFP.

The Contractor shall use the CBFO designated highway routes unless otherwise directed by the On-Call CBFO Transportation Manager, the WIPP Shipping Coordination Office, the WIPP Central Monitoring Room (CMR), or authorized law enforcement official. The Contractor shall notify the CMR of any deviation from the designated highway routes. The Contractor will be provided detailed designated routes after award.

C.1.3 Under no circumstances shall the Contractor enter into a motor carrier brokerage or intermodal arrangement to perform any contract/task order work.

C.2 BACKGROUND

C.2.1 Established in 1989, the Department of Energy's (DOE) Office of Environmental Management (EM) is charged with addressing the environmental legacy of over 50 years of nuclear weapons production and government sponsored research. Approximately 169,000 cubic meters of mixed and non-mixed CH-TRU waste and approximately 7,000 cubic meters of mixed and non-mixed RH-TRU waste may be shipped to the WIPP site from numerous DOE facilities and programs. Since WIPP began disposal operations in March 1999, DOE has made over 11,175 CH-TRU, over 719 RH-TRU (both shipments to WIPP) and over 172 inter-site TRU waste shipments.

C.2.2 The CBFO and WIPP site work to ensure goals described in the DOE- EM, "Office of Environmental Management FY15/FY16 Performance Agreement," (provided as Section J, Attachment E), are supported. The goals that are pertinent to this Performance Work Statement (PWS) are:

Goal 1: Improve Organizational Culture.

Goal 2: Increase Efficiency/Improve Performance.

Goal 3: Achieve Program/Project Results.

Goal 4: Organizational Excellence.

The Contractor shall support and implement actions in furtherance of the FY15/FY16 performance agreement and achievement of the above goals as they relate to the WIPP Transportation activities.

C.2.3 CH-TRU waste, which meets the WIPP Waste Acceptance Criteria (WAC), will be transported in the Transuranic Package Transporter (TRUPACT) Model's II and III or HalfPACT. The TRUPACT-II, TRUPACT-III and HalfPACT are Nuclear Regulatory Commission (NRC) certified Type B shipping packaging. Up to three TRUPACT-IIs or HalfPACTs or a single TRUPACT-III can be transported on DOE designed and furnished trailers. Currently, DOE has 84 certified TRUPACT-IIs and 15 HalfPACTs and a fleet of 69 TRUPACT-II/HalfPACT trailers for transportation of TRU waste. DOE maintains the TRUPACT-IIs in accordance with the Certification of Compliance issued by the NRC. Each TRUPACT-II has the capacity to transport up to fourteen 55-gallon drums; eight 85-gallon drums; six 100-gallon drums; two standard waste boxes; or one 10-drum overpack. However, due to size, weight, and contents of the waste to be transported, not all shipments planned can accommodate three fully loaded TRUPACT-IIs. For this reason, CBFO developed a shorter, lighter version of the TRUPACT-II called the HalfPACT. The HalfPACT provides for more efficient shipment of heavy waste packages. The HalfPACT holds up to seven 55-gallon drums; three 100-gallon drums; one standard waste box; one 3-pack assembly of shielded containers or four 85-gallon drums. TRUPACT-III was developed to transport large boxes, which may result in overweight shipments (any shipment in excess of 80,000 pounds). The Contractor shall be required to obtain all state permits required (including overweight shipments), prior to dispatch. Currently DOE has 6 TRUPACT-IIIs and trailers.

C.2.4 Since 2007, RH-TRU waste, which meets the WIPP WAC, has been transported in the RH-72B cask. DOE has 12 RH-72B NRC certified casks and trailers. One cask at a time will be transported on a Government furnished trailer. The RH-72B is designed to hold one RH canister. The canister can be directly loaded with waste, three 55-gallon drums of waste, or three 30-gallon cans of waste. DOE also has an approved shielded container for transporting RH waste, within each HalfPACT shipping cask. The approval of the shielded container enables DOE to transport, store and dispose of RH TRU waste using the same methods as those for CH TRU waste. So for transportation purposes it is regarded as a CH shipment due to the shielding of the payload containers.

C.2.5 Waste destined for WIPP will originate from the sites around the United States as listed in Appendix 1, of this PWS. The waste at some sites may be shipped to another site designated by DOE (intersite shipments) or shipped directly to WIPP. Although the majority of the shipments to WIPP will not fall within the definition of a Highway Route-Controlled Quantity (HRCQ) [49 CFR Part 173.403], DOE, in conjunction with the states, has determined that all TRU waste shipments will use the "preferred highway" system and will undergo Commercial

Vehicle Safety Alliance (CVSA) Level VI inspection required for shipments meeting the definition of HRCQ.

C.3 TRANSPORTATION SERVICES

C.3.1 GENERAL SERVICES

C.3.1.1 Quality Work Practices/Records

The Contractor shall perform work in a quality manner to ensure compliance with all requirements of the contract and all applicable regulations. The contractor shall comply with all documents and regulations listed in section C.6. Applicable regulations include those issued by the Department of Transportation (DOT) at title 49 of the Code of Federal Regulations (CFR), those issued by the Occupational Safety and Health Administration (OSHA) at title 29 of the CFR, those applicable to hazardous waste transportation at 40 CFR part 263 and any applicable regulations promulgated by the Department of Homeland Security (DHS) as well as applicable state, tribal and local regulations. Work not covered by contract terms and conditions, and DOT, or other applicable regulations, shall be performed using methods and techniques that are recognized by the trucking industry as good commercial practices. The Contractor shall maintain all compliance records at a terminal office located within 70 miles of the WIPP site.

C.3.1.2 WIPP Site Operations

CBFO will identify a pre-determined staging area for delivery of shipments to WIPP. The Contractor shall ensure there are an adequate number of inspected/maintained GFP trailers to support the Transportation Schedule. CBFO is responsible for moving the trailers from the WIPP site designated staging area once they are delivered.

C.3.1.3 Generator Site Operations

At the generator site, the Contractor shall perform one of several possible actions with regards to equipment movements. Those actions include (1) drop off a trailer with empty packaging at a designated area and pick up a trailer with loaded packages for shipment, (2) drop off a trailer with empty packaging at a designated area and wait for packaging to be loaded prior to making a shipment, (3) drop off a trailer with empty packaging at a designated area and leave the generator site with no trailer, or (4) make other equipment movements. The Contractor shall allow for:

- Site security check-in and badging
- Security inspections
- Site radiation surveys
- Trailer movements on site as required
- Shipping papers review and acceptance
- CVSA North American Standard Level VI inspections and Out-of-Service Criteria
- Maintenance or repairs to the tractor or trailer

- Shipment preparation activities
- Tractor unhooking and hooking to trailers
- Acceptance of shipment in accordance with DOT requirements

C.3.1.4 Training Exercises and Public Awareness Events

C.3.1.4.1 The Contractor shall transport the trailer and shipping packaging to the designated site and provide support to training exercises. First Responder and CVSA level VI Training exercises are conducted multiple times per year and are up to two days in duration, excluding transit time. The drivers shall interact, as required, in training exercises consistent with their roles and responsibilities for TRU waste shipments.

C.3.1.4.2 The purpose of the training exercises is to promote public awareness and demonstrate that participating federal, state, local, tribal, Contractor, and DOE emergency preparedness systems are capable of responding cooperatively and effectively to a transportation emergency involving a DOE shipping packaging/package.

C.3.1.4.3 The Contractor shall provide support for public awareness events such as public meetings, conferences, and training programs (also called "road shows"). The drivers shall interact, as required, with the public to explain their roles and responsibilities for TRU waste shipments while displaying the tractor/trailer. CBFO will schedule multiple events per year.

C.3.1.5 Dual Driver Service

C.3.1.5.1 The Contractor shall provide one driver team, qualified under DOT Hazardous Materials (HAZMAT) and driver requirements specified in C.3.5 for each mixed or non-mixed TRU waste shipment. If a driver becomes incapacitated enroute with a loaded shipment, the Contractor shall make every effort to replace the driver, via the most expedient means available, with a fully qualified driver. At a minimum, the replacement driver shall be fully qualified under the DOT HAZMAT standards with prior DOE approval.

C.3.1.5.2 When the Contractor is making non-radioactive/hazardous shipments (e.g., road shows, mobile loading units, or delivery of empty Type B packaging to the maintenance facility, terminal or site) one single driver who meets the DOT commercial driver licensing, training, and physical qualification requirements may be used with prior DOE approval.

C.3.1.6 Driver Inspections

For all shipments, drivers shall stop to make routine safety inspections of the tractor, trailer, and packaging/packages in compliance with DOT and CBFO requirements (covered in the driver training modules provided by CBFO). Inspections shall occur prior to departing the site of origin; within the first 50 miles; and every 150 miles or every three hours while enroute, whichever is first. Drivers shall make appropriate notification and entries in their logbooks reflecting the purpose of the stop and document any findings and corrective actions.

C.3.1.7 State/Tribal Agency Inspections

State agencies, along with some tribes, may perform pre- and post-trip inspections in accordance with the CVSA guidelines. Additionally, state agencies may perform inspections at the point of entry into the state and have the option to perform additional inspections along the transportation route. For any violation received the Contractor shall prepare a written report that describes at a minimum; 1) shipment number, 2) the date and time of the violation, 3) type of violation, 3) resolution of the violation, 4) total downtime. This report shall be submitted to the CO and COR electronically within two business days of the violation. The Contractor shall further coordinate and report findings resulting from these inspections to the CBFO in a detailed monthly report and summarized in an annual report. The initial violation report, monthly report and annual summary report shall be submitted in accordance with Section J, Attachment B, "Reporting Requirements Checklist."

C.3.1.8 Transit Time and Direct Routes

Safety shall not be compromised in order to meet a given schedule. The Contractor shall provide on time delivery along designated transportation routes and maintain a monthly tractor-trailer set downtime rate of one-percent (1%) or less. The Contractor shall not make extended stops (greater than 30 minutes) enroute and shall deliver the shipment as expediently as possible. On-time delivery will be based on estimated transit times provided in the 8-week rolling schedule, which shall include time for driver and state inspections. On-time delivery of any movement of TRU waste is essential to the compliant and efficient operation of the TRU waste transportation and disposal system. The states have established transportation routes with CBFO concurrence. Any stoppage or deviation from the specified highway transportation routes or schedule shall be coordinated with WIPP CMR before it occurs (unless directions from law enforcement do not allow for prior notification).

C.3.1.9 Continuous Surveillance Service/Security

C.3.1.9.1 The Contractor shall provide Continuous Surveillance Service on all loaded TRU waste shipments. Continuous Surveillance Service is defined as:

> A driver shall attend the tractor and trailer at all times unless the shipment is in safe parking as approved by DOE. A tractor and trailer is "attended" when at least one driver is with the tractor and trailer, awake, and not in a sleeper berth or at least one driver is within 100 feet of the tractor and trailer and has the tractor and trailer within his/her constant unobstructed view.
>
> 49 CFR 395.3(a)(3)(ii)-Rest Breaks. This Federal Motor Carrier Safety Administration (FMCSA) rule requires that driving is not permitted if more than 8 hours have passed since the end of the driver's last off-duty or sleeper berth period of at least 30 minutes. DOE petitioned for and received an exemption to this rule due to the constant surveillance requirements for TRU waste shipments. This exemption allows TRU waste drivers to follow the guidance of 49 CFR 395.1(q) which states that drivers may use 30 minutes or more of attendance time to meet the requirement for a rest break, providing that they perform no

other work during the break. A copy of this granted exemption will be provided by CBFO and must be in all transport trucks.

C.3.1.9.2 When circumstances require extended stops enroute, the Contractor shall ensure that the tractor and trailer is parked only at safe parking locations, in accordance with the TRU Waste Transportation Plan. Safe parking shall be coordinated through the WIPP CMR.

C.3.1.9.3 A trailer with loaded shipping packages should remain connected to its designated tractor during the entire shipment. However, it may be disconnected if the Contractor is directed by authorized law enforcement, in which case the WIPP CMR must be notified immediately. Otherwise, it shall be disconnected only upon authorization from the WIPP CMR or when required for enroute maintenance. If a tractor is disconnected, the state in which the shipment is located must be offered an opportunity to perform a CVSA inspection before the shipment can resume.

C.3.1.10 Vehicle Communications and Tracking System

C.3.1.10.1 The CBFO's satellite Transportation Tracking and Communication System (TRANSCOM) provides the driving team with a digital message capability to communicate with the WIPP CMR. The TRANSCOM system is operated 24 hours a day, seven days a week while shipments are enroute.

C.3.1.10.2 TRANSCOM will track all movement of tractors performing work under this contract with the exception of movements for maintenance purposes. CBFO will furnish the TRANSCOM signal and software. The Contractor shall furnish and install the TRANSCOM hardware and all the supporting equipment inclusive of Panic Button capability. The hardware must be fully compatible with TRANSCOM. The unit that CBFO is aware of that is currently fully compatible with TRANSCOM is the Qualcomm MCP-200 unit or a unit with equivalent or better technical specifications as approved by the Contracting Officer.

C.3.1.10.3 Contractor drivers shall ignore any unauthorized messages. Unauthorized radio or telephone contact shall be terminated immediately. The WIPP CMR shall be notified immediately of such communications.

C.3.1.10.4 In the case of a TRANSCOM system failure, the driver hauling the loaded shipment shall call the WIPP CMR describing his or her approximate location every two hours and at state border crossings while enroute.

C.3.1.11 Hazardous Materials Communication

The Contractor shall verify at the site of origin that proper marking, labeling and placards are displayed on the vehicle by generator site personnel. The Contractor shall also inspect and maintain the proper labels, markings, and placards enroute between site of origin and destination in accordance with DOT regulations.

C.3.1.12 DOE Issued Security Clearances

Contractor personnel will not be required to have L or Q Security clearances during the performance of services for this contract. In the event L or Q clearances are required for any specific shipments, DOE will provide appropriately cleared escorts.

C.3.1.13 Safety

C.3.1.13.1 Incident Response Capability

In case of an incident during contract performance, drivers shall follow emergency procedures contained in the TRU Waste Transportation Plan. Drivers shall be capable of operating emergency response radiological equipment in the event of an accident. The Contractor shall be responsible for restoration of the incident or accident site in the event of radiological or hazardous waste incidents/accidents that occur during the Contractor's performance of transportation services under this contract. The Contractor is responsible for having appropriate personnel or subcontractors respond to and remediate or restore the incident site and/or accident site in the appropriate or required timeframe. However, in no event shall such response time be more than 24 hours after the occurrence of the incident or accident, including timeframes required by law enforcement officials. The Contractor shall describe its approach to meeting the above requirements in the Contractor's Transportation Management Plan. This approach shall include plans and/or methods and personnel and subcontracts, if any, that demonstrate the Contractor's capability and willingness to respond with the appropriate personnel or subcontractors within the 24 hour response time. The Contractor shall submit the Transportation Management Plan in accordance with Section 4.1, "Transportation Management Plan" of this PWS and Section J, Attachment B, "Reporting Requirements Checklist."

C.3.1.13.2 Incident Documentation

C.3.1.13.2.1 For off-normal events, such as accidents or stops caused by protesters, the Contractor shall provide the Contracting Officer the information required per DOE Form 5484.3, Individual Accident/ Incident Report, so that CBFO can formally enter it into the DOE tracking system. In addition, the Contractor shall provide the original video digital media (from the video system required in Section C.3.3.1.7) to the Contracting Officer. The Contractor shall have spare video digital recording media in the tractor so drivers can change out digital media. The Contractor shall change out video digital media after an off-normal event occurs to record the event and at least 60 minutes prior to the event. CBFO requires this information as soon as it is available (no more than 24 hours following any incident unless otherwise approved by CBFO).

C.3.1.13.2.2 This information (video digital media for off-normal events) is required only if the incident occurred at a DOE location or during performance of contract activities. The Contractor may be required to participate and support any DOE accident/incident investigation at the direction of the CBFO.

C.3.1.13.2.3 The Contractor is responsible for incident reporting to DOT and OSHA in accordance with 49 CFR 171.15 and 49 CFR 171.16.

C.3.1.14 Transition of Government Furnished Trailers

The CBFO will deliver GFP to the Contractor at the WIPP site. On request, the Contractor shall return to CBFO the Government furnished trailers that will pass the CVSA Level VI and CBFO inspection. Prior to returning the Government furnished trailers, the Contractor shall make any necessary repairs to the trailers to ensure compliance with CVSA Level VI.

C.3.1.15 TRANSPORTATION SCHEDULE

C.3.1.15.1 CBFO will provide the Contractor a Transportation Schedule which will be continuously updated by CBFO and the WIPP Shipping Coordination Office. The Contractor shall support the WIPP Shipping Coordination Office in development of the schedule (see Appendix 3 for a sample Transportation Schedule). The Transportation Schedule is the mechanism by which the Contractor is notified of its shipment assignments. The Transportation Schedule includes but is not limited to the number of shipments, the point of origin and destination for each shipment, and other relevant information. Estimated departure times and arrival times for each shipment (including training exercises and public awareness events) will be specified in the Transportation Schedule. The schedule may change for the shipments any time prior to the departure time specified in the Transportation Schedule. The Contractor will be notified by CBFO of the schedule changes prior to the departure time.

C.3.1.15.2 CBFO and/or the WIPP CMR may require the Contractor to delay a shipment at any time to preserve the safety of the shipment. The Contractor may also use their discretion to delay a shipment or per direction by state, regional, or local authorities. In either of these cases, the Contractor shall provide prompt notification to WIPP CMR. Delays due to Contractor's action/inaction are the sole responsibility of the Contractor.

C.3.1.15.3 The Contractor shall notify the Contracting Officer within one business day after receipt of the schedule and any updates if the number of tractors and/or drivers ordered under this contract is not sufficient to enable the Contractor to comply with the Transportation Schedule. CBFO will evaluate the Contractor's notification and take appropriate action within one business day, following notification.

C.3.1.15.4 CBFO and/or the WIPP CMR may redirect shipments and/or tractor driver teams prior to departure or while enroute.

C.3.1.16 CONTRACT TRANSITION

C.3.1.16.1 Within 60 days from the Task Order effective date for Contract Transition, the Contractor shall complete all activities necessary for an orderly assumption of contract responsibilities. These activities include the start of performance of task orders for Basic Transportation Services and Additional Transportation Services, as specified in Section B and in accordance with Section C.4.3.

C.3.2 TERMINAL SERVICES

C.3.2.1 The Contractor shall operate and maintain a terminal and maintenance facility within seventy (70) miles of the Waste Isolation Pilot Plant, near Carlsbad, New Mexico and provide and maintain a minimum of 6 tractors with one qualified driver team per tractor and maintenance on 30 GFP trailers to support CH- and RH-TRU waste shipments over the designated routes. The Contractor shall retain capabilities to ship utilizing the specified number of tractor driving teams at all times. The Contractor shall retain sufficient tractor driving teams to account for equipment failure, sickness, vacations and other leaves of absence. CBFO expects drivers to perform up to the DOT maximum driver hour availability specified in 49 CFR 395. Contractor shall provide a monthly summary report of driver hours of service including driving hours, duty hours and total hours by driver to the Government, as specified in the monthly summary report listed in Section J, Attachment B, "Reporting Requirements Checklist."

C.3.2.2 The Contractor shall provide, as part of operating and maintaining the terminal, a support staff for logistical and scheduling support of the WIPP site to accommodate delivery of one or more tractor(s) and driving team(s) within a 4-hour notice as scheduled by the Department. The 4-hour notice requirement is for the requested number of tractor driver teams to be capable of arriving at the terminal and the driver team(s) and tractor(s) being prepared to depart within 4 hours of being notified.

C.3.2.3 The Contractor shall provide logistical and scheduling support 24-hours, seven days per week. The support staff shall interact on a daily basis with the On-Call CBFO Transportation Manager and the WIPP Shipping Coordination Office to coordinate and schedule shipments and other transportation activities. The Contractor shall inspect trailers stored at the WIPP site and/or the Contractor's terminal prior to departure, in accordance with CVSA Level VI criteria.

C.3.2.4 The Contractor shall provide the capability to add up to 18 tractors with 18 qualified tractor driver teams and associated maintenance for additional tractors and up to 40 additional trailers at the request of CBFO as specified in Section B.

C.3.2.5 The Contractor's terminal facility must have access control. The Contractor shall incorporate elements of facility security into the security plan required in section C.4.4. The Contractor shall comply with the PWS and all required security measures contained in the solicitation, including those contained in statutes, regulations, directives, manuals, and orders.

C.3.3 TRACTOR SERVICES

C.3.3.1 The Contractor shall furnish the tractors necessary to transport CH- and RH-TRU waste shipments according to the following specifications for basic and additional Transportation Services. For Tractor Services ordered under the Additional Transportation Services, there shall be a 60 day preparation period included for each task order issued for the purposes of acquisition of, and outfitting the tractors to Contract requirements.

C.3.3.1.1 The length and weight of the tractor provided by the Contractor shall be such that the overall length and weight of tractor, trailer, and payload shall meet all applicable DOT

requirements for normal single-trailer shipments. The Contractor shall use tractors meeting the minimum specifications delineated below.

C.3.3.1.2 The Contractor shall not exceed the DOT weight limitation of 80,000 pounds except as described in Section C.2.3. This weight limit applies to the loaded tractor, trailer, shipping packages and payload. The Contractor shall be responsible for limiting the gross tractor weight to 19,700 pounds to ensure compliance with DOT weight limitations.

C.3.3.1.3 The Contractor shall use a tractor that has sufficient horsepower to maintain speed limit on a 3% upgrade with a maximum load and governed to a maximum speed limit of 65-MPH.

C.3.3.1.4 The Contractor shall furnish and equip all tractors with safety equipment (including, but not limited to, fire extinguishers, first aid kit, triangles), tire chains (cables), spare tire(s), and any other equipment deemed necessary by Federal or State laws. Safety equipment on all power units shall be in accordance with 49 CFR 393.95 "Emergency Equipment on All Power Units".

C.3.3.1.5 The Contractor shall furnish and equip all tractors with a satellite telephone; cellular telephone; TRANSCOM system inclusive of Panic Button capability; and a 40-channel two-way citizens band radio.

C.3.3.1.6 The Contractor shall furnish and equip all tractors with five-range, digital or analog survey meter equipped with two detectors [a Geiger-Mueller open and closed window detector for beta-gamma radiation from 0.001 milli-seiverts per hour (0.1 mrem/hr) to 2 milli-seiverts per hour (200 mrem/hr) and an open window, pancake detector to detect alpha-beta-gamma radiation at a level of 0-5,000 counts per minute.] Performance shall meet or exceed that of a Ludlum Model 3 or Model 14-C survey meter (i.e. Ludlum 2241-2 digital detector) equipped with N44-38 - energy compensated Geiger-Mueller and N44-9 pancake Geiger-Mueller detectors. The Contractor is responsible for calibration of the survey meter and detectors.

C.3.3.1.7 The Contractor shall equip each tractor with a mounted, continuous loop, digital, on-board, tamper-proof, closed-circuit video system to monitor events taking place immediately in front of the tractor. The video system must record a minimum of five-hour segments.

C.3.3.1.8 Tractors shall be equipped with anti-lock brakes, power steering, a sleeper, air-ride suspension, parking brakes on both rear axles, mud-flaps on both front and rear wheels, auxiliary braking system ("Jake brake"), and a low profile heavy duty sliding fifth wheel.

C.3.3.1.9 Tractors shall be equipped with electronic data logging that complies with DOT regulations for tracking driver hours of service.

C.3.3.1.10 Tractors shall be equipped with one Recovery Strap per Recovery Guide for TRU Waste Packages, DOE/CBFO 94-1007.

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C.3.4 MAINTENANCE SERVICES

C.3.4.1 The Contractor shall provide all required tractor and trailer maintenance in accordance with the manufacturer's recommended maintenance or Contractor approved written procedures (CBFO approves trailer maintenance procedures) and CVSA for basic and additional Maintenance Services. For Trailer Maintenance Services ordered under the Additional Transportation Services, there shall be a 60 day preparation period included for each task order issued for the purposes of a joint initial inspection and acceptance period, and performance of any necessary repairs. For Tractor Maintenance Services ordered under the Additional Transportation Services (part of C.3.3, Tractor Services), the Contractor shall ensure all tractor maintenance is up to date, prior to the CBFO tractor inspection (during the 60 day preparation period). The Contractor shall provide routine or major maintenance in a timely manner so as to avoid any delay in the Transportation Schedule. The Contractor shall ensure there are an adequate number of inspected/maintained GFP trailers to support the Transportation Schedule. In addition, the Contractor shall prepare a section within the Transportation Management Plan entitled Maintenance Program as referenced in C.4.1 below to address each of the following areas of maintenance.

C.3.4.1.1 Pre- and post-trip inspections shall be performed to ensure compliance with CVSA Level VI inspection standards.

C.3.4.1.2 The Contractor shall develop a specific maintenance procedure for each trailer type and tractor model, and a specific maintenance schedule for each tractor and each trailer. The trailer maintenance shall, as a minimum, meet the requirements of the trailer Operations and Maintenance (O&M) Manual. Per DOT, the Contractor shall complete a Driver Vehicle Inspection Record (DVIR) for each trip (pre and post) throughout performance of this contract. If there are findings of required maintenance, the Contractor shall provide an electronic version of the DVIR to the CBFO in accordance with this PWS and Section J, Attachment B, "Reporting Requirements Checklist."

C.3.4.1.3 The Contractor shall maintain verifiable maintenance records and verifiable inspection records on each tractor and trailer. Maintenance records shall detail all maintenance actions taken on each unit. Inspection records shall include Contractor and state inspection results before, after, and, if applicable, during each shipment.

C.3.4.1.4 The Contractor shall be capable of replacing tractors within eight hours while enroute with a loaded shipment. In the event of an emergency requiring a replacement tractor, the replacement tractor shall meet all DOT requirements and pass a CVSA Level VI inspection prior to placing it in service. The Contractor does not have to install TRANSCOM on replacement tractors. However, the Contractor shall maintain communications every two hours and when crossing state lines via cell phone and/or satellite telephone. The state in which the Contractor replaces a tractor shall be provided an opportunity to perform a CVSA inspection.

C.3.4.1.5 The Contractor shall document equipment breakdowns, replacements, or operating difficulty enroute between the site of origin and destination via a monthly summary report to CBFO, in accordance with Section J, Attachment B, "Reporting Requirements Checklist."

C.3.4.1.6 The Contractor shall develop procedures for preventing enroute maintenance breakdowns so as to maintain a one percent (1%) or less monthly tractor-trailer set downtime rate. Required stops for inspections, regularly scheduled stops, and regularly scheduled preventative maintenance are not considered in the downtime calculations specified by Section C.3.4.1.8. The Contractor shall record the actual down time rate in the monthly summary report as previously referenced.

C.3.4.1.7 The Contractor shall receive approval from CBFO for color scheme and markings of tractors. Tractor color scheme shall be compatible with the Government furnished trailers.

C.3.4.1.8 The Contractor shall use the following formula to calculate downtime rates:

$$\text{Downtime Rate} = \frac{\text{Hours of Downtime}}{\text{Hours of Usage}} \times 100$$

"Hours of Downtime": total number of hours a tractor and/or trailer (equipment) is not available to make and/or complete a shipment in a contract month. INCLUDES mechanical breakdowns until the equipment is operational or replaced by an operational piece of equipment. DOES NOT INCLUDE delays due to inclement weather; generator site delays or WIPP site delays not caused by the carrier contractor; required stops for inspections; and regularly scheduled stops.

"Hours of Usage": total number of hours the tractors and trailers (equipment) were used to make and/or complete shipments in a contract month. INCLUDES the amount of time the equipment (i.e., tractors and trailers) is utilized as scheduled on the day of departure. DOES NOT INCLUDE delays due to inclement weather; generator site delays or WIPP site delays not caused by the carrier contractor.

The Contractor shall provide this calculation to the Government in the monthly summary report listed in Section J, Attachment B, "Reporting Requirements Checklist."

C.3.4.1.9 If the Contractor exceeds 1 percent (1%) downtime rate as calculated above, this may constitute a basis for the issuance of a cure notice and/or termination for default and/or any other action the Department determines to be necessary.

C.3.4.1.10 The Contractor shall be responsible for operational maintenance of packaging tie-downs. Additional detail is provided in WP 08-PT.04, WP 08-PT.18, and WP 08-PT.13 the Packaging Trailer O&M Manuals. The Government will provide replacement packaging tie-downs and new packaging tie-down parts as GFP.

C.3.5 DRIVER SERVICES

C.3.5.1 Driver Qualifications

C.3.5.1.1 The Contractor shall provide drivers that are U.S. citizens. Drivers shall meet all DOT driver licensing, security, training and physical qualification requirements to haul

radioactive/hazardous shipments. Drivers shall also meet additional CBFO driver requirements as specified below.

C.3.5.1.2 At least 10 business days prior to initiating the CBFO training program in Section C.3.5.2, the Contractor shall demonstrate to the Contracting Officer, in writing, how each driver meets DOT requirements and the following additional general qualifications set forth below. The Contractor shall use the qualification checklist in Appendix 2 (Driver Qualification Checklist) and submit it to the Contracting Officer prior to any driver transporting TRU waste shipments. CBFO reserves the right to reject any driver.

C.3.5.1.3 Drivers shall have logged a minimum of 100,000 miles per year in two of the last five years in a commercial semi-tractor trailer combination over-the-road operation or a minimum of 325,000 miles in five years. The Contractor may request a review of driving hours of service when mileage records are not available. The DOE Contracting Officer may, at the request of the contractor, waive the mileage requirements for any driver who has previously driven under the WIPP qualified driver program.

C.3.5.1.4 Drivers shall not have any chargeable incidents or convictions of a moving violation in a commercial motor vehicle within the last five years. The Contractor shall consider the driving history of potential drivers for the past five years in their private vehicles and document the review. Drivers shall not have repeat chargeable incidents, repeat convictions for moving violations, or a single Driving While Intoxicated (DWI) or Driving Under the Influence (DUI) conviction in their private vehicles in the last 10 years. Drivers shall not have any felony convictions.

C.3.5.1.5 Drivers shall be fingerprinted in accordance with DOT regulations and DOE Security. Drivers shall undergo Drug/Alcohol screening in accordance with DOT regulation (pre-employment/random sampling) and immediately following any accident.

C.3.5.1.6 For the duration of this contract, the Contractor shall maintain a strict driver penalty system for moving violations and deviations from routes. The Contractor shall not allow a driver to continue to transport waste under this contract under any of the following conditions:

- Conviction of a moving violation in a commercial motor vehicle
- Unauthorized second deviation from route
- Third failure to make mandatory WIPP CMR/TRANSCOM shipment notifications
- Chargeable accident in a commercial vehicle
- Second constant surveillance violation
- Maintaining inadequate or deliberately fraudulent driver logs or other records
- Conviction of a felony
- Drug/Alcohol screening violation
- Conviction of a DWI or DUI in a commercial or private motor vehicle
- Repetitive or serious moving violations in a personal vehicle

C.3.5.1.7 The Contractor shall establish written policies to ensure that drivers maintain a professional appearance at all times. The Contractor shall provide the drivers a standard

uniform which shall be worn at all times while performing work under this contract.

C.3.5.2 Driver Training Program

C.3.5.2.1 The Contractor shall maintain a driver training program. Prior to performing transportation services under this contract, each driver shall successfully complete all DOT required training and the training described below.

C.3.5.2.2 CBFO will provide the following training to the drivers in Carlsbad or at the WIPP site upon award of the contract, if required, and as necessary thereafter for the qualification of new drivers:

Type of Training	Estimated Duration	Refresher
Operation of Packaging Tie Downs	2 hours	N/A
Use of Radiation Detection Instruments	1 hour	Annually
WIPP General Employee Training	2 days	Annually
Adverse Weather & Safe Parking Protocols	2 hours	N/A
Public Affairs Training	2 hours	N/A
WIPP First Responder & Incident Command Training	2 days	N/A
Radiation Worker Training	2 days	Annually
Use of TRANSCOM Tracking Systems	1 hour	N/A
Security	1 hour	Annually

C.3.5.2.3 The Contractor shall obtain Contracting Officer approval of its proposed training program within the Transportation Management Plan. The Transportation Management Plan shall include the training topics as listed in the table below. The Contractor shall provide training for these topics annually and as required for the qualification of new drivers.

Type of Training	Estimated Duration	Refresher
Shipping Packaging/Package Recovery Procedures	4 hours	N/A
CVSA Level VI Training	3 weeks	N/A
Decision Driving Training	1 day	Annually
Use of Satellite Telephone and Hand Held Radio	1 hour	N/A
Quality Assurance	1 hour	Annually
Integrated Safety Management	1 hour	Annually
Electronic Log Book	2 hours	N/A
GPS Route Designation Equipment	1 hour	N/A
HRCQ per 49CFR397.101(e)	2 hours	Annually
Hazardous Materials	3 hours	Annually

C.3.5.2.4 The WIPP Operations may undergo an annual maintenance outage during which time the Contractor may be able to complete refresher training, however, the Contractor is still responsible for providing the required Transportation Services during such an outage, i.e. inter-site shipments.

C.3.5.2.5 The Contractor is responsible for ensuring that drivers who performed driver services under a previous WIPP Transportation Services contract meet the training requirements specified in the PWS, in addition to the training required by the Contractor's own internal procedures.

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C.4 DATA/REPORT REQUIREMENTS

C.4.1 TRANSPORTATION MANAGEMENT PLAN

The Contractor shall prepare a Transportation Management Plan detailing the operational processes to fulfill requirements of this PWS. The Contractor shall submit the Transportation Management Plan in accordance with this PWS and Section J, Attachment B, "Reporting Requirements Checklist" and shall update the plan annually, or more frequently as changes necessitate. The Transportation Management Plan shall contain (at a minimum) the following topics:

- Management Organization
- Administration
- Permitting Program
- Driver Screening and Hiring
- Pre-trip and Post-trip CVSA Inspection requirements
- Emergency Response
- Emergency Procedures (Implementing DOE/CBFO-98-3103)
- Maintenance Program
    - Maintenance and Inspection Procedures
    - Proposed Maintenance Schedule
    - Nationwide Maintenance Network
    - Maintenance Personnel Qualifications
    - Adequacy of Proposed Maintenance Support
    - Enroute Replacement of Tractors
    - Enroute Replacement of Trailers
- Security
- Driver Training
- Quality Assurance Records Management
- Plan for < 1% Vehicle Down Time Rate
- Safety Program/Integrated Safety Management
- List of insured equipment and proof of insurance in accordance with the section H clause, "Lawful Performance, Operating Authority, and Insurance."
- Package Recovery
- Communications
- Quality Assurance
- Fitness for Duty with drug/alcohol screening for all incidents

C.4.2 SUB-TIER DOCUMENTS

The Contractor may develop and incorporate by reference sub-tier documents into the Transportation Management Plan.

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C.4.3 TRANSITION PLAN

C.4.3.1 The Contractor shall prepare a Transition Plan to cover the transition period from Task Order Notice to Proceed date to Task Order Effective date. The Transition Plan shall provide sufficient detail for all transition activities, including but not limited to: a schedule for orderly assumption of contract responsibilities, coverage of key functional areas during the transition period, and other transition activities such as acquisition of terminal and tractors, hiring and training of drivers, and development of required plans and procedures. The Contractor shall submit the Transition Plan in accordance with this PWS and Section J, Attachment B, "Reporting Requirements Checklist".

C.4.3.2 Within 60 calendar days from the end date of the current contract ordering period specified in Section B, or current task order(s) performance period, whichever comes later, the Contractor shall submit an Exit Transition Plan. The Exit Transition Plan shall include the Contractor's approach to adequately phase-out all contract and task order activities. Upon CO approval of the Exit Transition Plan, the Contractor shall successfully complete the activities described in the plan by the end date of the contract ordering period specified in Section B, or task order(s) performance period, whichever comes later. The Exit Transition Plan shall be submitted in accordance with this PWS and Section J, Attachment B, "Reporting Requirements Checklist".

C.4.4 SECURITY PLAN

The Contractor shall provide a security plan that meets CBFO and the DOT requirements covering resources while performing transportation services and support facilities (i.e. the terminal). The security plan shall provide details to ensure support facilities have access control and a means of safeguarding both hard copy documents and electronic information. The Contractor shall submit this security plan in accordance with this PWS and Section J, Attachment B, "Reporting Requirements Checklist." The security plan is subject to approval by CBFO.

C.4.5 QUALITY ASSURANCE PLAN

The Contractor shall submit a Quality Assurance (QA) plan in accordance with this PWS and Section J, Attachment B, "Reporting Requirements Checklist" that complies with the CBFO QA Program Document (QAPD DOE/CBFO-94-1012) and DOT requirements. The QA Plan shall consist of the following elements at a minimum:

C.4.5.1 Organization

Effective implementation of a QA program is dependent on management functional responsibilities, levels of authority and lines of communication for activities affecting quality. Management is responsible for establishing and implementing policies, plans, and procedures that control the quality of work, consistent with the provisions of the CBFO QAPD.

C.4.5.2 Design Control

Design Control as pertinent to maintenance and repair of GFP (fleet trailers and tiedowns) shall comply with the manufacturers' recommendations. CBFO must approve substitution of non-identical replacement parts or modification of parts on GFP prior to use.

C.4.5.3 Inspections, Procedures, and Drawings

The Contractor shall perform activities affecting work quality in accordance with guidance in the Transportation Management Plan (Section C.4.1) and the tractor and trailer O&M Manuals.

C.4.5.4 Document Control

The Contractor shall control the preparation, issue, and change of documents that specify quality requirements or prescribe activities affecting quality to ensure usage of correct documents, e.g., management plan, security plan or quality assurance plan.

C.4.5.5 Identification and Control of Items

The Contractor shall establish controls to ensure use and installation of only correct and acceptable items, including control of potential counterfeit items per DOE Order 414.1D.

C.4.5.6 Control of Processes

The Contractor shall control processes affecting quality of items or services. Only individuals qualified in accordance with the Contractor's Transportation Management Plan shall perform maintenance of tractors and trailers.

C.4.5.7 Inspections

The Contractor shall plan and execute inspections verifying conformance of an item or activity to specified requirements. The Contractor shall specify characteristics it will inspect and inspection methods it will employ.

C.4.5.8 Inspection, Measuring and Test Equipment

The Contractor shall control, calibrate, and adjust instruments and other measuring and test equipment for activities affecting quality to maintain accuracy within required limits, per the manufacturers' recalibration requirements.

C.4.5.9 Control of Non-conforming Items

The Contractor shall control items that do not conform to specified requirements to prevent inadvertent installation or use by marking, tagging, segregation or other methods.

C.4.5.10 Corrective Actions

Conditions adverse to quality identified through assessments, audits, or incidents shall be documented and reported to the Contracting Officer and the Contracting Officer's Representative (COR). The Contractor shall organize and implement Corrective Action Reports (CAR) and Corrective Action Plans (CAP) in the same manner as DOE/CBFO Procedure MP 3.1

C.4.5.11 Quality Assurance Records

The Contractor shall specify, prepare, and maintain records that furnish documentary evidence of quality. The Contractor shall protect records against damage, deterioration, or loss. The Contractor shall ensure records classified as Quality Assurance (QA) records under CBFO QA Program Document (QAPD DOE/CBFO-94-1012) are categorized appropriately and managed in accordance with Section 1.5. The Contractor shall further ensure QA records are traceable to the applicable item, activity or facility.

C.4.5.12 Audits

Management assessments and annual audits are required to verify compliance with the quality program. The CBFO QA Manager or designee will conduct the audits in accordance with written procedures or checklists. Consistent with Section E of this Contract, the Government will utilize Section J, Attachment F, "Quality Assurance Surveillance Plan" as a guide in its inspection and acceptance of Contractor services under the Contract.

C.4.6 INTEGRATED SAFETY MANAGEMENT SYSTEM (ISMS)

The Contractor shall prepare and implement a graded approach for an Integrated Safety Management System, customized for the work applicable to the Contract requirements. The Contractor shall submit an ISMS description in accordance with DOE P 450.4A, this PWS, Section I clause DEAR 970.5223-1 and Section J, Attachment B, "Reporting Requirements Checklist."

C.4.6.1 Job Hazards Analysis (JHA)

The Contractor shall prepare a general JHA for job hazards performed while in transportation. In addition, the Contractor shall prepare a JHA for work performed specific to each DOE location. The Contractor shall submit the JHAs in accordance with this PWS and Section J, Attachment B, "Reporting Requirements Checklist." The Contractor shall update the JHAs as appropriate and per contract requirements, and submit in accordance with this PWS and Section J, Attachment B, "Reporting Requirements Checklist."

C.5 COST REIMBURSABLE TRU WASTE TRANSPORTATION SERVICES

C.5.1 FUEL, STATE USE FEES AND PERMITS

The Government will reimburse tractor fuel expenses (including chemicals such as diesel

exhaust fluid (DEF) that are required by federal standards), state use fees and permit expenses incurred by the Contractor in performance of this contract.

C.5.2 NEW MEXICO GROSS RECEIPTS TAX

The Government will reimburse the Contractor for specific allowable and allocable actual expenses it incurs and pays for the State of New Mexico Gross Receipts taxes during performance of this contract.

C.5.3 PER DIEM

If a training exercise/public awareness event requires the driver to be away from the terminal longer than 12 hours, the Government may allow per-diem expenses. The Government may also allow per-diem expenses if circumstances enroute result in delays of 12 hours or longer. The Government will reimburse allowable per-diem expenses on actual costs not to exceed the Government per-diem rates within the Federal Travel Regulations (FTR). Per-diem costs shall only be reimbursable while performing services under the contract. Contracting Officer's advance approval is required if any per diem is anticipated to exceed the Government per-diem rates within the FTR.

C.5.4 MAINTENANCE OF ADDITIONAL, UNASSIGNED TRAILERS

The Contractor shall provide required DOT maintenance and inspections for unassigned trailers such as mobile loading unit trailers, non-waste carrying trailers or any other trailers CBFO identifies which are not included in the non-cost reimbursable line items in Section B. Any allowable maintenance costs the Contractor incurs for unassigned trailers under this contract will be reimbursable. Prior to commencing work, the Contractor shall provide an estimate of costs for the required inspection and/or maintenance to the COR and CO for approval.

C.6 APPLICABLE STATUTORY AND REGULATORY REQUIREMENTS AND OTHER GUDIANCE

The Contractor shall comply with all applicable statutory and regulatory requirements (DOT, NRC, OSHA, RCRA, DHS), DOE Directives and other guidance and agreements including but not limited to the following documents:

DOE Documents (Latest Revision Applies)
• CH Packaging Trailer Operations and Maintenance Manual, WP 08-PT.04
• RH Packaging Trailer Operations and Maintenance Manual, WP 08-PT.13
• CH TRUPACT III Trailer Operations and Maintenance Manual WP 08-PT.18
• Quality Assurance Program Document; DOE/CBFO-94-1012
• DOE O 414.1D Admin Change, Quality Assurance
• DOE/CBFO Management Procedure 3.1, Corrective Action Reports
• Recovery Guide for TRU Waste Packages, DOE/CBFO 94-1007
• Southern States Energy Board's Transportation Planning Guide for the U.S. Department of Energy's Shipments of Transuranic Waste
• TRU Waste Transportation Plan, DOE/CBFO 98-3103

• Western Governors' Association Waste Isolation Pilot Plant Transportation Safety Program Implementation Guide
• Waste Isolation Pilot Plant Incident/Accident Response Team Plan; WP 12-10
• DOE O 231.1B Admin Chg 1, Environment, Safety and Health Reporting
• DOE Form 5484.3, Individual Incident/Accident Report
• Commercial Vehicle Safety Alliance North American Standard Out-of-Service Criteria, http://www.cvsa.org.
• DOE Integrated Safety Management Manual, DOE P 450.4A
• DOE O 460.1C, Packaging and Transportation Safety
• DOE O 460.2A or B Departmental Materials Transportation and Packaging Management
• DOE M 460.2-1A Radioactive Material Transportation Practices Manual
• DOE Motor Carrier Evaluation Program (MCEP) Plan and Procedures, Vols I & II,
• DOE/WIPP 03-3223 TRU Waste Transportation Security Plan (sensitive document to be released after contract award and only as authorized by the DOE/CBFO Security Officer)

Applicable Statutes:

- 10 CFR 71 Packaging and Transportation of Radioactive Material
- 10 CFR 835, Occupational Radiation Protection
- 23 CFR part 658 Truck Size and Weight, Route Designations – Length, Width and Weight Limitations
- 29 CFR parts 1910 Occupational Safety and Health Standards, 1918 Longshoring Industry, 1926 Construction Industry
- 40 CFR part 263 Standards Applicable to Transporters of Hazardous Waste
- 49 CFR part 40, Procedures for Transportation Workplace Drug and Alcohol Testing Programs
- 49 CFR parts 100-185 Hazardous Materials Regulations
- 49 CFR parts 300-399 Federal Motor Carrier Safety Regulations

C.7 APPENDICES

Appendix 1 – TRU Waste Storage Sites, Locations, and Mileage
Appendix 2 – Driver Qualification Checklist
Appendix 3 – Sample Transportation Schedule
Appendix 4 – Government Furnished Trailers
Appendix 5 – Sample Tractor Inspection Checklist
Appendix 6 – Sample Trailer Inspection Checklist

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APPENDIX 1 - TRU Waste Storage Sites, Locations, and Mileage

Direct Shipments to WIPP Locations	Location	Distance to WIPP (miles)
Argonne National Laboratory-East (ANL-E)	Argonne, IL	1729
Bettis Atomic Power Laboratory (BAPL)	West Mifflin, PA	2191
Hanford Reservation (Hanford)	Richland, WA	1866
Idaho National Laboratory (INL)	Idaho Falls, ID	1541
Los Alamos National Laboratory (LANL)	Los Alamos, NM	398
Oak Ridge National Laboratory (ORNL)	Oak Ridge, TN	1440
Office of River Protection (ORP)	Richland, WA	1866
Savannah River Site (SRS)	Aiken, SC	1574
Lawrence Livermore National Laboratory (LLNL)	Livermore, CA	1796
Sandia National Laboratories (SNL)	Albuquerque, NM	320

Intersite Shipping Locations*	Location	Distance between Sites (miles)
Ames Laboratory (Ames)	Ames, IA	Depends on departure and destination location
Argonne National Laboratory-East (ANL-E)	Argonne, IL	
Babcock & Wilcox - NES (B&W Lynchburg)	Lynchburg, VA	
Bettis Atomic Power Laboratory (BAPL)	West Mifflin, PA	
Knolls Atomic Power Laboratory (KAPL)	Niskayuna, NY	
Lawrence Livermore National Laboratory (LLNL)	Livermore, CA	
Nevada Nuclear Security Site (NNSS)	Mercury, NV	
NRD LLC	Grand Island, NY	
Paducah Gaseous Diffusion Plant (PGDP)	Paducah, KY	
Sandia National Laboratories (SNL)	Albuquerque, NM	
Separations Process Research Unit (SPRU)	Niskayuna, NY	
West Valley Demonstration Project (WVDP)	West Valley, NY	

*NOTE: This table is provided to give an overview of the Intersite shipping locations (small generator sites). Inter-site Shipments are defined as shipments from Inter-site Shipping Locations to locations identified within the Direct Shipments to WIPP Locations column.

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APPENDIX 2 - Driver Qualification Checklist

CONTRACT DRIVERS APPLICATION REVIEW CHECKLIST

Carrier Name _____ Review Date: _____/_____/_____

Drivers Name as it appears on DOE Badge _____

Drivers Name as it appears on Driver's License _____ _____

This review is to establish that the applicant driver meets the minimum regulatory requirements and contract requirements. Documentation must be available to support the answers upon request. This form shall be submitted to the Contracting Officer (CO) and approved prior to the driver performing WIPP Shipments.

1. Driver verified as a U.S. citizen.
   ☐ YES ☐ NO
2. Application for employment is on file. (49 CFR 391.21)
   ☐ YES ☐ NO
3. Verify that a written record of contact with past employers exists. (49 CFR 391.21)
   ☐ YES ☐ NO
4. Driving record inquiry is on file. (49 CFR 391.25)
   ☐ YES ☐ NO
5. Previous employment inquiries are on file. (49CFR391.23)
   ☐ YES ☐ NO
6. Road test certification (49 CFR 391.31 or 33)
   ☐ YES ☐ NO
7. Medical Examination Certification (49CFR 391.41)
   ☐ YES ☐ NO
8. Annual certification of traffic violations (49CFR 391.27)
   ☐ YES ☐ NO
9. Annual review of driving records (49 CFR 391.25)
   ☐ YES ☐ NO
10. Drivers license (49 CFR 383.23) Class 'A' CDL with hazmat endorsement.
    STATE: _____
    ☐ YES ☐ NO
11. Drivers shall have logged a minimum of 100,000 miles per year in two of the last five years in a commercial semi-tractor trailer combination over-the-road operation or a minimum of 325,000 in five years. (Contract Requirement)
    ☐ YES ☐ NO
12. Drivers shall not have received a chargeable incident or be convicted of a moving violation in a commercial vehicle within the last five years. The driving history for the past five years in their private vehicle has been reviewed and documented. Drivers shall not have repeated chargeable incidents, repeated moving violation convictions or a single DWI or DUI in their private or commercial motor vehicle in the last 10 years. (Contract Requirement)
    ☐ YES ☐ NO
13. Negative pre-employment drug testing results.
    ☐ YES ☐ NO

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Drivers Name_____

CONTRACT DRIVERS APPLICATION REVIEW CHECKLIST

14. a. Has the driver been convicted of a felony? (Contract requirement)
    ☐ YES ☐ NO

    b. Have you verified it with the State of Residence?
    ☐ YES ☐ NO

15. Finger print and background checks are complete.
    ☐ YES ☐ NO

16. Driver Training is complete. (Contract requirement)
    ☐ YES ☐ NO

17. Has Driver been issued Thermoluminescent Dosimeter (TLD)
    ☐ YES TLD#_____
    ☐ NO

	Date Completed
• Operation of Packaging Tie Downs	_____
• Use of Radiation Detection Instruments	_____
• WIPP General Employee Training	_____
• Adverse Weather and Safe and Safe Parking Protocols	_____
• Public Affairs Training	_____
• WIPP First Responder & Incident Command Training	_____
• Radiation Worker Training	_____
• Use of TRANSCOM Tracking Systems	_____
• Security [49 CFR 172.704(a)(4) and (5)]	_____
• Shipping Packaging/Package Recovery Procedures	_____
• Commercial Vehicle Safety Alliance	_____
• Enhanced Vehicle Inspector Training	_____
• Decision Driving Training	_____
• Use of Satellite Telephone and Hand Held Radio	_____
• Quality Assurance	_____
• HAZMAT, HRCQ and PCB Training [49 CFR 171.8,172.704(c), 177.816 and 397.101(e)]	_____

Comments:

_____

_____

Reviewer: _____ _____/_____/_____
Printed Name Date

_____
Signature

Approved: _____ _____/_____/_____
Contracting Officer or Designated Representative (Printed Name)Date

_____
Signature

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APPENDIX 3 - Sample Transportation Schedule

U.S. Department of Energy, Carlsbad Field Office
National TRU Program
Carlsbad, NM 88221

WIPP Eight Week Rolling Schedule (Sample)

Departure	Shipment#	Trip	Carrier	Pkgs	Comments	Arrival
Thursday, January 30, 2014						
04:00	**MTLA140016**	WIPP to LANL	VS	3	Empty TPs to Los Alamos. Contact LANL @ 505-667-6211	1/30/14 @ 1300
06:00	**MTIN140038**	WIPP to INL	CAST	3	Empty TPs to INL. Contact 208-520-6249, if no answer 208-557-7311, leave message.	1/31/14 @ 0600
06:00	**MTIN140039**	WIPP to INL	CAST	3	Empty TPs to INL. Contact 208-520-6249, if no answer 208-557-7311, leave message.	1/31/14 @ 0600
08:00	**MTEP140004**	WIPP to EPD	NWP	1	Empty TRUPACTs / HalfPACTs / CASKs to EPD for maintenance and or repair. Contact Leslie Lewis 575-234-8230 o Jennifer Smith 575-234-8993.	1/30/14 @ 0900
10:30	**SR314012**	SRS to WIPP	CAST	1	TRU Waste to WIPP. Contact CMRO @575-234-8457	1/31/14 @ 1830
Friday, January 31, 2014						
04:00	**MTLA140017**	WIPP to LANL	CAST	3	Empty TPs to Los Alamos. Contact LANL @ 505-667-6211	1/31/14 @ 1300
06:00	**MTIN140040**	WIPP to INL	VS	3	Empty TPs to INL. Contact 208-520-6249, if no answer 208-557-7311, leave message.	2/01/14 @ 0600
06:00	**MTIN140041**	WIPP to INL	VS	3	Empty TPs to INL. Contact 208-520-6249, if no answer 208-557-7311, leave message.	2/01/14 @ 0600
10:30	**SR140004**	SRS to WIPP	CAST	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/01/14 @ 1830
10:30	**SR314013**	SRS to WIPP	VS	1	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/01/14 @ 1830
15:00	**IN140036**	INL to WIPP	CAST	2	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/02/14 @ 0100
15:00	**IN140037**	INL to WIPP	VS	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/02/14 @ 0100
15:00	**IN140038**	INL to WIPP	CAST	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/02/14 @ 0100
15:00	**IN140039**	INL to WIPP	CAST	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/02/14 @ 0100
19:00	**LA140018**	LANL to WIPP	VS	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/01/14 @ 0400
19:00	**LA140019**	LANL to WIPP	CAST	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/01/14 @ 0400
Saturday, February 01, 2014						
15:00	**IN140040**	INL to WIPP	VS	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/03/14 @ 0100
15:00	**IN140041**	INL to WIPP	VS	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/03/14 @ 0100
18:00	**MTSR140005**	WIPP to SRS	VS	3	Empty TRUPACT Iis to SRS. Contact number 803-725-3333.	2/03/14 @ 0000
Sunday, February 02, 2014						
06:00	**MTIN140042**	WIPP to INL	VS	3	Empty TPs to INL. Contact 208-520-6249, if no answer 208-557-7311, leave message.	2/03/14 @ 0600

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06:00	**MTIN140043**	WIPP to INL	CAST	3	Empty TPs to INL. Contact 208-520-6249, if no answer 208-557-7311, leave message.	2/03/14 @ 0600
18:00	**MTSR140006**	WIPP to SRS	CAST	3	Empty TRUPACT II s to SRS. Contact number 803-725-3333.	2/04/14 @ 0000
Monday, February 03, 2014						
04:00	**MTLA140018**	WIPP to LANL	CAST	3	Empty TPs to Los Alamos. Contact LANL @ 505-667-6211	2/03/14 @ 1300
06:00	**MTIN140044**	WIPP to INL	VS	3	Empty TPs to INL. Contact 208-520-6249, if no answer 208-557-7311, leave message.	2/04/14 @ 0600
06:00	**MTIN140045**	WIPP to INL	CAST	3	Empty TPs to INL. Contact 208-520-6249, if no answer 208-557-7311, leave message.	2/04/14 @ 0600
08:00	**SR314014**	SRS to WIPP	VS	1	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/04/14 @ 1600
15:00	**IN140042**	INL to WIPP	CAST	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/05/14 @ 0100
15:00	**IN140043**	INL to WIPP	VS	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/05/14 @ 0100
18:00	**LA140020**	LANL to WIPP	CAST	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/04/14 @ 0300
Tuesday, February 04, 2014						
04:00	**MTLA140019**	WIPP to LANL	VS	3	Empty TPs to Los Alamos. Contact LANL @ 505-667-6211	2/04/14 @ 1300
08:30	**SR140005**	SRS to WIPP	CAST	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/05/14 @ 1630
15:00	**IN140044**	INL to WIPP	VS	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/06/14 @ 0100
15:00	**IN140045**	INL to WIPP	CAST	3	TRU Waste to WIPP. Contact CMRO @575-234-8457	2/06/14 @ 0100

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APPENDIX 4 - Government Furnished Trailers

All DOE TRUPACT trailers meet CVSA level VI inspection criteria. A joint inspection will be conducted by the DOE, the new carrier and old carrier contractors prior to turnover of the trailers.

Property Tag Number	Manufacturer	Model	Serial Number	TRL Number	LIC Number	Trailer Type	CH/RH TYPE
S020764	REINKE	ATCT-42	4C6CC442821080075	301	E-28098		CH TRUPACT
S020765	REINKE	NONE	4C6CC382321090078	302	E-28099	2 PLACE	CH TRUPACT
S020891	REINKE	3810218CC	4C6CC382821010189	303	E-28257	2 PLACE	CH TRUPACT
S020894	REINKE	3810218CC	4C6CC382421010190	304	E-28094	2 PLACE	CH TRUPACT
S020893	REINKE	3810218CC	4C6CC382621010191	305	E-28259	2 PLACE	CH TRUPACT
S020889	REINKE	3810218CC	4C6CC382821010192	306	E-28273	2 PLACE	CH TRUPACT
S020890	REINKE	3810218CC	4C6CC382X21010193	307	E-28272	2 PLACE	CH TRUPACT
S020888	REINKE	3810218CC	4C6CC382121010194	308	E-28287	2 PLACE	CH TRUPACT
S020892	REINKE	3810218CC	4C6CC382X21010212	309	E-28258	2 PLACE	CH TRUPACT
S020255	REINKE	4410218CC	4C6CC442331090112	320	E-28275	3 PLACE	CH TRUPACT
S020253	REINKE	4410218CC	4C6CC442531090113	321	E-28276	3 PLACE	CH TRUPACT
S020249	REINKE	4410218CC	4C6CC442731090114	322	E-28277	3 PLACE	CH TRUPACT
S020250	REINKE	4410218CC	4C6CC442931090115	323	E-28271	3 PLACE	CH TRUPACT
S020252	REINKE	4410218CC	4C6CC442031090116	324	E-28281	3 PLACE	CH TRUPACT
S020251	REINKE	4410218CC	4C6CC442231090117	325	E-28282	3 PLACE	CH TRUPACT
S020248	REINKE	4410218CC	4C6CC442431090118	326	E-28278	3 PLACE	CH TRUPACT
S023272	REINKE	4410218CC	4C6CC4421A1070017	327	E-28186	3 PLACE	CH TRUPACT
S020256	REINKE	4410218CC	4C6CC442231090120	328	E-28280	3 PLACE	CH TRUPACT
S020852	REINKE	4410218CC	4C6CC442431090121	329	E-28283	3 PLACE	CH TRUPACT
S020847	REINKE	4410218CC	4C6CC442631090122	330	E-28284	3 PLACE	CH TRUPACT
S020850	REINKE	4410218CC	4C6CC442831090123	331	E-28286	3 PLACE	CH TRUPACT
S020028	REINKE	4410218CC	4C6CC442X31090124	332	E-28285	3 PLACE	CH TRUPACT
S020030	REINKE	4410218CC	4C6CC442131090125	333	E-201205	3 PLACE	CH TRUPACT
S020024	REINKE	4410218CC	4C6CC442331090126	334	E-201206	3 PLACE	CH TRUPACT
S020029	REINKE	4410218CC	4C6CC442531090127	335	E-201207	3 PLACE	CH TRUPACT
S020023	REINKE	4410218CC	4C6CC442731090128	336	E-201208	3 PLACE	CH TRUPACT
S020022	REINKE	4410218CC	4C6CC442931090129	337	E-201209	3 PLACE	CH TRUPACT
S020849	REINKE	4410218CC	4C6CC442531090130	338	E-201244	3 PLACE	CH TRUPACT
S020848	REINKE	4410218CC	4C6CC442731090131	339	E-201245	3 PLACE	CH TRUPACT
S020851	REINKE	4410218CC	4C6CC442931090132	340	E-201246	3 PLACE	CH TRUPACT
S020025	REINKE	4410218CC	4C6CC442031090133	341	E-201247	3 PLACE	CH TRUPACT
S020026	REINKE	4410218CC	4C6CC442231090134	342	E-201248	3 PLACE	CH TRUPACT
S020027	REINKE	4410218CC	4C6CC442431090135	343	E-201249	3 PLACE	CH TRUPACT
S020245	REINKE	4410218CC	4C6CC442331100136	344	E-201241	3 PLACE	CH TRUPACT
S020246	REINKE	4410218CC	4C6CC442531100137	345	E-201250	3 PLACE	CH TRUPACT
S020243	REINKE	4410218CC	4C6CC442731100138	346	E-201212	3 PLACE	CH TRUPACT
S020244	REINKE	4410218CC	4C6CC442931100139	347	E-201213	3 PLACE	CH TRUPACT
S020242	REINKE	4410218CC	4C6CC442531100140	348	E-201211	3 PLACE	CH TRUPACT
S020241	REINKE	4410218CC	4C6CC442731100141	349	E-201210	3 PLACE	CH TRUPACT
S021018	REINKE	NONE	4C6CC442131120384	350	E-201227	3 PLACE	CH TRUPACT
S021019	REINKE	NONE	4C6CC442331120385	351	E-201228	3 PLACE	CH TRUPACT
S020980	REINKE	NONE	4C6CC442531120386	352	E-201229	3 PLACE	CH TRUPACT
S021024	REINKE	3810218CC	4C6CC442731120387	353	E-201233	3 PLACE	CH TRUPACT
S021025	REINKE	3810218CC	4C6CC442931120388	354	E-201234	3 PLACE	CH TRUPACT
S020986	REINKE	3810218CC	4C6CC442031120389	355	E-201235	3 PLACE	CH TRUPACT

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S020985	REINKE	3810218CC	4C6CC442731120390	356	E-201236	3 PLACE	CH TRUPACT
S021020	REINKE	3810218CC	4C6CC442931120391	357	E-201237	3 PLACE	CH TRUPACT
S020984	REINKE	3810218CC	4C6CC442031120392	358	E-201238	3 PLACE	CH TRUPACT
S020982	REINKE	3810218CC	4C6CC442231120393	359	E-201230	3 PLACE	CH TRUPACT
S020983	REINKE	3810218CC	4C6CC442431120394	360	E-201231	3 PLACE	CH TRUPACT
S020981	REINKE	3810218CC	4C6CC442631120395	361	E-201232	3 PLACE	CH TRUPACT
S021022	REINKE	3810218CC	4C6CC442831120396	362	E-201239	3 PLACE	CH TRUPACT
S021021	REINKE	3810218CC	4C6CC442X31120397	363	E-201240	3 PLACE	CH TRUPACT
S021023	REINKE	3810218CC	4C6CC442131120398	364	E-201241	3 PLACE	CH TRUPACT
S020962	REINKE	3810218CC	4C6CC442131010399	365	E-201217	3 PLACE	CH TRUPACT
S020965	REINKE	3810218CC	4C6CC442431010400	366	E-201220	3 PLACE	CH TRUPACT
S020961	REINKE	3810218CC	4C6CC442631010401	367	E-201216	3 PLACE	CH TRUPACT
S020968	REINKE	3810218CC	4C6CC442831010402	368	E-201223	3 PLACE	CH TRUPACT
S020963	REINKE	3810218CC	4C6CC442X31010403	369	E-201218	3 PLACE	CH TRUPACT
S020969	REINKE	3810218CC	4C6CC442131010404	370	E--201224	3 PLACE	CH TRUPACT
S020967	REINKE	3810218CC	4C6CC442331010405	371	E-201222	3 PLACE	CH TRUPACT
S020970	REINKE	3810218CC	4C6CC442531010406	372	E-201225	3 PLACE	CH TRUPACT
S020966	REINKE	3810218CC	4C6CC442731010407	373	E-201221	3 PLACE	CH TRUPACT
S020964	REINKE	3810218CC	4C6CC442931010408	374	E-201219	3 PLACE	CH TRUPACT
S020974	REINKE	4410218CC	4C6CC442031010409	375	E-201243	3 PLACE	CH TRUPACT
S020973	REINKE	4410218CC	4C6CC442731010410	376	E-28266	3 PLACE	CH TRUPACT
S020972	REINKE	3810218CC	4C6CC442931010411	377	E-201242	3 PLACE	CH TRUPACT
S020960	REINKE	3810218CC	4C6CC442031010412	378	E-201215	3 PLACE	CH TRUPACT
S020971	REINKE	3810218CC	4C6CC442231010413	379	E-201226	3 PLACE	CH TRUPACT
S023558	REINKE	4410218CC	4C6CC442091100149	701	E-28188	SINGLE	TRUPACT-III
S024405	REINKE	4410218CC	4C6CC4424C1030081	702	E-00040T	SINGLE	TRUPACT-III
S024406	REINKE	4410218CC	4C6CC4426C1030082	703	E-00041T	SINGLE	TRUPACT-III
S024407	REINKE	4410218CC	4C6CC4428C1030083	704	E-00042T	SINGLE	TRUPACT-III
S024408	REINKE	4410218CC	4C6CC442XC1030084	705	E-00043T	SINGLE	TRUPACT-III
S024409	REINKE	4410218CC	4C6CC4421C1030085	706	ESS148	SINGLE	TRUPACT-III
S024410	REINKE	4410218CC	4C6CC4423C1030086	707	ESS149	SINGLE	TRUPACT-III
C019811	Mobilized Sys		1M9FS452XX1298001	RH01	E-22818	SINGLE	RH
S021437	Talbert	TDW-45K-FG-T1	40FG0442961025092	RH02	E-28124	SINGLE	RH-Uprighting
S022601	Talbert	TDW-45K-FG-T1	40FG0442071026147	RH03	E-28134	SINGLE	RH-Uprighting
S022628	Talbert	TDW-45K-FG-T1	40FG0442X71027726	RH04	E-22826	SINGLE	RH-Uprighting
S022665	Talbert	TDW-45K-FG-T1	40FG0442171027727	RH05	E-22827	SINGLE	RH-Uprighting
S022681	Talbert	TDW-45K-FG-T1	40FG0442371028538	RH06	E-22806	SINGLE	RH-Uprighting
S022708	Talbert	TDW-45K-FG-T1	40FG0442381028539	RH07	E-22844	SINGLE	RH-Uprighting
S022720	Talbert	TDW-45K-FG-T1	40FG0442X81028540	RH08	E-28274	SINGLE	RH-Uprighting
S022730	Talbert	TDW-45K-FG-T1	40FG0442181028541	RH09	E-22817	SINGLE	RH-Uprighting
S022747	Talbert	TDW-45K-FG-T1	40FG0442381028542	RH10	E-28749	SINGLE	RH-Uprighting
S022767	Talbert	TDW-45K-FG-T1	40FG0442581028543	RH11	E-28197	SINGLE	RH-Uprighting
CO13858	Loadcraft		1LDK45206HB874201	CHMLU-01	E-22747		CH-MLU
C013857	Loadcraft		1LDK45208HB874202	CHMLU-02	E-22748		CH-MLU
C015351	Alloy		1ALST9284JS880910	CHMLU-03	E-22801		CH-MLU
S022620	TRANSCRAFT		1TT E5320 5 71082211	RHMLU-01	E-22802		RH-MLU
S022621	TRANSCRAFT		1TT E5320 5 71082212	RHMLU-02	E-22825		RH-MLU
SO23765	TRANSCRAFT		1TT E532S 0 B1088296	RHMLU-03	E-28185		RH-MLU
SO23934	TRANSCRAFT		1TTE532S3B3532923	TP-III MLU	E-22828		TP III-MLU

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APPENDIX 5 - Sample Tractor Inspection Checklist

Tractor Specifications and Equipment Checklist
Carrier_____ Tractor Number_____ Date _____

PWS Section	Description	Yes	No	Partial	Comments
C.3.3.1.1	Length meets DOT requirements for single-trailer			N/A	
C.3.3.1.2	Maximum gross weight of 19,700 lbs. Including tractor, fuel, drivers, and all necessary equipment.				Copy of weight from a certified scale to be presented.
C.3.3.1.3	Tractors have sufficient horsepower to maintain speed limit on a 3% with a maximum load and governed to a maximum speed limit of 65-MPH.				Tractor Horsepower_____ Model number_____ Inspect printout or certification that governor is set at 65mph
C.3.3.1.4	Tractors are equipped with safety equipment as required per 49CFR393.95 (fire extinguisher, first aid kit, Reflective triangles)				Triangles
C.3.3.1.4	Tractors are equipped with chains (cable), spare tire(s) and any other equipment deemed necessary by Federal or state laws/regulations.				CABLES or CHAINS in Oregon specific numbers required
C.3.3.1.5	Tractors are equipped with satellite & cellular phones, TRANSCOM with panic button, and a 40 channel citizens band radio.				
C.3.3.1.5	Verify TRANSCOM Operational				
C.3.3.1.6	The tractors are equipped with a current technology, 5-range, digital or analog survey meter equipped with two detectors (a geiger-mueller open and closed window detector for beta-gamma radiation from 0.001 milli-Severts per hour [0.1 mrem/hr] to 2 milli-Severts per hour [200 mrem/hr]).				Calibration stickers Due re-calibration _____ Meter Serial #_____ Detector Serial #_____
C.3.3.1.6	Also an open window, pancake detector to detect alpha-beta-gamma radiation at a level of 0-5000 counts/minute. Performance shall meet or exceed that of a Ludlum model 3 or model 14-C survey meter equipped with N44-38- energy compensated Geiger-Mueller and N44-9 pancake Geiger-Mueller detectors.				Calibration Stickers Due re-calibration _____ Detector Serial #_____
C.3.3.1.7	The tractors are equipped with a mounted, continuous loop, on board video system to monitor events taking place immediately in front of the tractor. (Min of 5-hour segments)				Sited camera Recording Media and duration
C.3.1.13.2.1	The tractors are equipped with a spare video media.				
C.3.3.1.8	The tractor is equipped with the following:				
	Anti-lock brakes				
	Power steering				
	Sleeper				Bunk style
	Air-ride suspension				
	Parking brakes on both rear axles				
	Low profile heavy duty sliding fifth wheel				
	Front & rear wheel mud flaps				FULL FRONT & REAR FENDER WITH MUD FLAPS.
	Auxiliary braking system (Jake Brake)				
C.3.3.1.9	Electronic Data Logger that complies with DOT				Type and Access

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PWS Section	Description	Yes	No	Partial	Comments
C.6 (Recovery Guide for TRU Waste Packages, DOE/CBFO 94-1007)	1-Recovery Strap				
	Recovery Lugs (Optional)				
General	CBFO Documentation				Recovery Guide ___ Security Plan ____
	Company Documentation				Permit Book ____ Company protocols ____ Emergency Contact Numbers____

Checked by _____ Date _____

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APPENDIX 6 - Sample Trailer Inspection Checklist

Trailer Inventory Contract Change Over Inspection Form

Carrier: _____

Trailer Number:_____

License Plate Number: _____

Inspection Item		O.K	Comments
Lights			
Glad Hands & Covers			
Tires			
Tool Boxes			
Placards			
Tie-Downs			
Fenders/Brackets			
Mud Flaps			
Wheel Seals			
Hub Odometers			Current reading:
General Condition			
	Welds		
	Caulking		
	Spot Painting		
Name Plates			
	GVW		
Document Holder Tubes			
	Certificate of Origin		
	Inspection Certificate		

Date _____

Carrier Certification that Trailer is exiting current contract as CVSA Level VI ready

Print Name _____ Signature _____

Carrier Certification that Trailer is entering new contract as CVSA Level VI ready

Print Name _____ Signature _____

CBFO/DOE Representative Acceptance

Print Name _____ Signature _____

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