

MEMORANDUM OF UNDERSTANDING

Effective February 1, 2007

Between

Pantex Plant Tri-Lab

Sandia National Laboratories
Los Alamos National Laboratory
Lawrence Livermore National Laboratory



Los Alamos
NATIONAL LABORATORY
EST. 1943
The World's Greatest Science
Protecting America

And

BWXT Pantex, LLC

BWXT
Pantex

And

Department of Energy
National Nuclear Security Administration
Pantex Site Office

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MOU") is entered into by and between the Pantex Plant Tri-Lab [consisting of the Sandia National Laboratories ("SNL"), Los Alamos National Laboratory ("LANL"), and Lawrence Livermore National Laboratory ("LLNL")], Department of Energy /NNSA Pantex Site Office ("PXSO"), and BWXT Pantex, LLC ("BWXT Pantex").

I. PURPOSE

The purpose of this document is to set forth the understandings and agreements between PXSO, BWXT Pantex and LANL, LLNL, and SNL with respect to the "Tri-Lab Office" located on the Pantex site. The understandings and agreements reached are outlined below, and cover the relationship of the Tri-Lab personnel with the personnel of, and services provided by, BWXT Pantex. This MOU will not and does not supersede any contractual or regulatory requirements that are defined in the Prime Contract between DOE/NNSA and BWXT Pantex or the contracts between DOE/NNSA and each of the Design Laboratory M&O Contractors.

This MOU shall not be used to obligate or commit funds or as the basis for the transfer of funds. The details of the levels of support to be furnished to one organization by the other with respect to funding will be developed in specific implementing agreements subject to availability of funds, such as ICO. Specific funding and tasking will be established under such implementing agreements.

II. UNDERSTANDINGS AND AGREEMENTS

1. The SNL, LANL, and LLNL Laboratory Representatives at the Tri-Lab Office are at the Pantex Plant and are sponsored by and at the invitation of PXSO. They are at Pantex in support of the weapons activities as coordinated by each respective Laboratory.
2. The official point of contact for BWXT Pantex with the Tri-Lab personnel will be the Director of Directed Stockpile Work (DSW) & Campaigns Program Management. However, any PXSO or BWXT Pantex employee is free to, and encouraged to, interface with the Tri-Lab personnel at any time and vice-versa. Special requests by Tri-Lab personnel should be made through the BWXT Pantex Director, DSW and Campaigns Program Management.
3. The Pantex Operations Center of BWXT Pantex will notify the appropriate Tri-Lab lead personnel when reportable incidents involving nuclear explosives or facilities containing nuclear explosives occur.
4. Tri-Lab personnel may request the use of the normal support services of the Pantex Plant, such as craft support, Property & Logistics, Photo Lab, etc., provided a valid BWXT Pantex charge code is supplied. Tri-Lab personnel may directly input work requests into the Facility Maintenance Interface (FMI) electronic system. Response to these requests will be on the same priority basis as any other BWXT Pantex request.
5. Tri-Lab personnel have the authority and responsibility to stop work if they feel that any activity is not safe. Tri-Lab personnel may also participate in online surveillance of activities that may result in a stoppage of work. Tri-Lab personnel may elect not to participate in any activity they feel is not safe.
6. Tri-Lab lead personnel will be on distribution for site Situation Reports (SITREPs), VIP Agendas, weekly facility and program layouts, Plant Shift Superintendent (PSS) Daily logs, DOE Weapon Operations Weekly Reports, and other BWXT Pantex reports as requested. Requests should be coordinated with the DSW Manager.
7. Tri-Lab personnel may investigate anomalies associated with weapons programs.

8. Tri-Lab personnel may request special disposition of dismantled/disassembled weapon components in accordance with NNSA 56XB, Development and Production Manual.
9. The Tri-Lab government vehicle is controlled by the agency to which the vehicle is assigned. This vehicle is assigned to the SNL motor pool and maintained by the GSA.
10. The Tri-Lab Offices, equipment, conference room, and videoconference room are for the exclusive use of the Tri-Lab and may be utilized by others at the discretion of the Tri-Lab Office Manager.
11. The Tri-Lab personnel have unlimited access to all drawings, specifications, and procedures concerning their respective Laboratory's programs via BWXT Pantex's Technical Documents Department. Permission for access to the other Laboratory's drawings, specifications and procedures must be granted by the applicable Laboratory to the specific individual.
12. Tri-Lab personnel will be invited to attend meetings or events involving their weapon systems; however, these meetings will not be delayed due to the unavailability of Tri-Lab personnel.
13. Tri-Lab personnel will be granted continual facility access to facilities performing work on their respective Laboratory systems.
14. All Tri-Lab personnel will be covered by their organization's Worker Safety and Health Plan (ref. 10 CFR 851).

III. ROLES and RESPONSIBILITIES

PXSO

The Design Agency Representatives at the Tri-Lab Office are at the Pantex Plant at the invitation of NNSA/PXSO. The PXSO point of contact is the Senior Scientific and Technical Advisor.

The PXSO will provide oversight of the Tri-Lab operations as defined in this MOU. The PXSO will conduct immediate on scene inspections and evaluations of all accidents and occurrences, evaluate all remedial actions, and report all results to all effected parties. Additionally, the PXSO will:

1. Evaluate Safety & Health issues and activities that develop in the Tri-Lab; and
2. Make all required Emergency Management notifications and interfaces as required with the State of Texas, City of Amarillo, county officials, and other federal agencies.

BWXT PANTEX

BWXT Pantex will provide support services to the Tri-Lab as outlined below based on NNSA/BWXT Pantex priorities and contract.

Facility and Equipment Services

GSA Contract

1. Maintenance and fuel support for Tri-Lab government vehicle
2. Maintenance for electric transportation carts

BWXT Pantex Support Through Prime Contract

1. Minor repairs/ modifications and maintenance to building facilities and equipment when included and budgeted for in the BWXT Pantex budget process
2. Custodial services
3. Utilities

Administrative Support & Information Systems

1. Reproduction services for documents, etc.
2. Telephone and Mail service
3. Access to the Pantex Unclassified Computer Network & Classified Computer Network
4. Help Desk support
5. Data requests such as, but not limited to, Variables data, build data, surveillance data

Training

1. Training for Material Access Area (MAA) access and related requirements

Safety & Health Services

1. ES&H support
2. Physical examinations per DOE Order and emergency medical services

Safeguards, Security, & Fire Protection

1. General Security support
2. Fire Protection support

Manufacturing Services

1. Shipping and receiving services

Finance Services

1. Establish a charge code to manage any Tri-Lab ICO so that services provided by BWXT Pantex that requires Tri-Lab funds as identified in this MOU are properly captured.
2. Allocate funding from the annual budgets as agreed to among BWXT Pantex, PXSO and Tri-Lab lead personnel for Tri-Lab general office use which will be under the direction of the Laboratory lead representatives.
3. Provide the Tri-Lab lead personnel a monthly statement identifying financial status and current balance.

TRI-LAB

Tri-Lab personnel shall comply with the plant regulations that govern the safety and security of the plant operations.

1. Tri-Lab personnel shall apply the ISM principles to the Pantex Plant Tri-Lab operations as defined at Pantex in response to the DOE Safety Management System Policy (DOE P 450.4).
2. Tri-Lab personnel will ensure they are listed on their respective weapons program's facility access lists and comply with requirements for entry into Nuclear Explosive Areas (NEAs). Tri-Lab personnel will notify the BWXT First Line Supervisor (or his/her designee) prior to entry into the weapons operation facility.

3. Laboratory personnel working in the Tri-Lab are required to attend BWXT Pantex's General Employee Training (or a mutually agreeable substitute) and pass the written exams as well as complete the necessary training for entry into the MAA.
4. Tri-Lab personnel may drive government vehicles on the Pantex Plant and shall obey the Plant rules governing use of government vehicles.
5. Tri-Lab personnel may use the Pantex Plant Medical Services for emergencies. No other Medical services (yearly physicals, etc.) are available to LANL and LLNL personnel. SNL personnel may have yearly physicals and their Human Reliability Program (HRP) participation administered by the Pantex Medical Department. Specific personal services (allergy shots, arthritis shots, etc. as prescribed by their personal physicians) will be worked on an individual basis.
6. Tri-Lab personnel in the HRP program shall comply with the DOE drug-screening program. SNL Tri-Lab personnel shall participate in the BWXT Pantex's Drug Screening program. LLNL & LANL Tri-Lab personnel participate in their Design Agency's Drug Screening programs. The Pantex Medical Department will process the random drug test samples for the LANL Tri-Lab Representatives and send the results to LANL. For LLNL personnel, the Pantex Medical Department will obtain the random drug testing specimen upon notification and forward the specimen for testing to the Laboratory used by LLNL.
7. Tri-Lab personnel shall comply with the Pantex Plant dosimetry program as required. Tri-Lab personnel may participate in the Pantex bio-assay program. Tri-Lab personnel must participate in either their Design Agency's bio-assay Program or in the BWXT Pantex program if activities they are involved in require participation in a bio-assay program.
8. Tri-Lab personnel may have access to both Pantex's secure (e.g. PACMAN) and unclassified (e.g. PUCNET) computing networks. Equipment used may either be Pantex or Lab provided equipment. Regardless of equipment ownership, equipment shall comply with Pantex safety and security requirements. Tri-Lab personnel who use Pantex's computing networks shall comply with Pantex computing policies and procedures including training and use.
9. Accountable CREM used by Tri-Lab personnel will be maintained as part of BWXT Pantex's CREM inventory. Tri-Lab personnel's access and use of such CREM will be in accordance with Pantex policies and procedures.
10. Tri-Lab personnel have additional unclassified computing resources that are connected directly to each Lab's computing network via a VPN. As such, these resources are monitored by each Lab and are subject to each Lab's computing policies and procedures. Because VPN equipment and/or software connects to Pantex equipment and/or software, VPN set-ups may be subject to Pantex review at any time.
11. Tri-Lab personnel are required to respond to all Pantex Plant fire or other emergency accountability drills.
12. Tri-Lab personnel shall comply with all plant regulations related to site services such as waste management, computer usage for those computers linked to the Pantex Web, environmental controls, etc.
13. The Tri-Lab lead personnel will be the POC to coordinate the Tri-Lab's responsibilities as set forth in this MOU with PXSO and BWXT Pantex.

IV. POINTS OF CONTACT

<u>Organization</u>	<u>Point of Contact</u>
PXSO	Senior Scientific and Technical Advisor
BWXT Pantex	Director, DSW & Campaigns Program Management Deputy General Manager
Tri-Lab	SNL Lead Representative LLNL Lead Representative LANL Lead Representative

V. MODIFICATION OF THE MOU

This MOU sets forth the parties' understanding as to the roles and responsibilities of the parties and may be modified only by mutual agreement and signature of all signed parties.

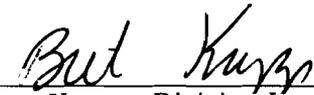
VI. EFFECTIVE DATE OF THE MOU

This document will become effective February 1, 2007, and will remain in effect until September 30, 2010. This MOU may be extended by mutual agreement of the parties hereto.

Approved:  for 1/25/2007
Dan Glenn, Manager Date
Pantex Site Office, Department of Energy/NNSA

Approved:  1/25/2007
Dan J. Swaim, General Manager Date
BWXT Pantex, LLC

Approved:  1/25/07
J. Stephen Rottler, Vice President Date
Weapons Engineering and Product Realization
Sandia National Laboratories

Approved:  1/25/07
Bret Knapp, Division Leader Date
W-DO: Weapons Systems Division Office
Los Alamos National Laboratory

Approved:  1-25-2007
P. Derek Wapman, Weapons Program Leader Date
Lawrence Livermore National Laboratory