

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		5. PROJECT NO. (If applicable)	
219		See Block 16C		1 2	
6. ISSUED BY		7. ADMINISTERED BY (If other than Item 6)		CODE	
CODE 05007		CODE 05007			
NNSA/Pantex Site Office U.S. Department of Energy NNSA/Pantex Site Office P.O. Box 30030 Amarillo TX 79120-0030		NNSA/Pantex Site Office U.S. Department of Energy NNSA/Pantex Site Office P.O. Box 30030 Amarillo TX 79120-0030			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(x) 9A. AMENDMENT OF SOLICITATION NO.			
BABCOCK & WILCOX TECHNICAL SERVICES PANTEX, L L C Attn: GARY ALLEN P.O. BOX 30020 AMARILLO TX 791200000		9B. DATED (SEE ITEM 11)			
		X 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC54-00AL66620			
CODE 015693703		FACILITY CODE		10B. DATED (SEE ITEM 13) 07/28/2000	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

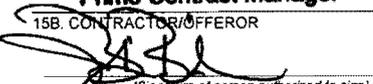
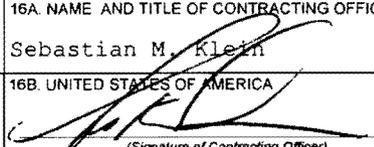
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	H.2 Modification Authority

E. IMPORTANT: Contractor is not. is required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See Page 2 for purpose of modification.
Period of Performance: 02/01/2001 to 09/30/2011

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) J. Brian Bidwell Prime Contract Manager		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sebastian M. Klein	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	
15C. DATE SIGNED 3/29/2011		16C. DATE SIGNED 03/30/2011	

The purpose of this Modification is to incorporate the following:

- A. Update Part I – The Schedule, Section B, SUPPLIES OR SERVICES AND PRICES/COSTS, Section B.2, CONTRACT TYPE AND VALUE, in its entirety, to add Earned Fee for Contract Period October 1, 2009, through September 30, 2010. (See Attachment 1)
- B. Update Part I – The Schedule, Section C.3, DELIVERABLES to Remove Deliverable for Standards/Requirements Identification Document. (See Attachment 2)
- C. Update SECTION I, Part II – CONTRACT CLAUSES, Clause I.2, NOTICE – SECTION I CLAUSES INCOPORATED BY REFERENCE, in its entirety. (See Attachment 3)
- D. Update Part III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS, SECTION J – LIST OF ATTACHMENTS, Appendix E – “List of Applicable Directives,” to incorporate changes approved by the PXSO Contracting Officer since publication of version dated January 21, 2011. Definition of “Full Incorporation” and “Partial Incorporation” added to Appendix E. (See Attachment 4)
- E. All other terms and conditions remain unchanged, including estimated contract price and performance period.

Part I - The Schedule

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 SERVICES BEING ACQUIRED

The Contractor shall, in accordance with the terms of this Contract, provide the personnel, equipment, materials, supplies, and services (except as may be furnished by the Government) and otherwise do all things necessary for, or incident to providing its best efforts so as to carry out in an efficient and effective manner all necessary and related services to manage and operate the Government-owned Pantex Plant, located near Amarillo, Texas, as described in Section C, Statement of Work, or as may be directed by the Contracting Officer within the scope of this Contract.

B.2 CONTRACT TYPE AND VALUE

(Clause B.2 as modified by M002, M019, M032, M048 & M065, M078, M100, M117, M139, M167, M173, M188, M190, M208)

This Contract is a cost-reimbursement management and operating type contract employing performance incentives. The Estimated Cost, Performance Incentive Fee, and Fixed Fee for Work for Others are set forth below.

(a) Estimated Cost (exclusive of the Contractor's Fee) is set forth below:

- (1) The transition period November 13, 2000 to January 31, 2001 will be on a cost reimbursement basis and the estimated cost is \$3,283,587. There will be no fee paid for the transition period.
- (2) The Estimated Cost of the specific Contract periods, exclusive of the Contractor's available award fee, estimated cost for work for others, and other reimbursable work, if any, is set forth below:

<u>Contract Period</u>	<u>Estimated Cost</u>
February 1, 2001 through September 30, 2001	\$218,200,000
October 1, 2001 through September 30, 2002	\$426,264,000
October 1, 2002 through September 30, 2003	\$446,677,000
October 1, 2003 through September 30, 2004	\$496,340,000
October 1, 2004 through September 30, 2005	\$469,009,410
October 1, 2005 through September 30, 2006	\$426,791,583
October 1, 2006 through September 30, 2007	\$477,084,112
October 1, 2007 through September 30, 2008	\$515,915,000
October 1, 2008 through September 30, 2009	\$478,265,421

October 1, 2009 through September 30, 2010	\$537,402,000
October 1, 2010 through September 30, 2011	\$498,262,000
October 1, 2011 through December 31, 2011 (Option – See Para. F.4)	\$To be determined (TBD)
January 1, 2012 through March 31, 2012 (Option – See Para. F.4)	\$ TBD

- (3) The Estimated Cost for each subsequent NNSA fiscal year (exclusive of the Contractor’s Fees) will be established by NNSA prior to the commencement of the applicable fiscal year in accordance with NNSA policy and incorporated into paragraph (a)(2) above by modification.
- (b) (1) The Maximum Available Performance Incentive Fee for each fiscal year will be established by NNSA prior to the commencement of the applicable fiscal year in accordance with NNSA policy and incorporated into paragraph (b)(3) below by modification.
- (2) The Fixed Fee for Work for Others for each subsequent fiscal year will be established by NNSA prior to the commencement of the applicable fiscal year in accordance with NNSA policy and incorporated into paragraph (b)(3) below by modification.

(Following subparagraph modified by M145, M147, M167, M173, M188, M190, M191, M208, **M219**)

- (3) The total available fee is a combination of the Performance Incentive Fee and Fixed Fee related to the Work for Others and Other Reimbursable Work effort. Actual available fee will be earned by the contractor based on performance related to award fee and performance-based incentives. The total available fee pool and earned fee for the specified period(s) is set forth below:

<u>Contract Periods</u>	<u>Available Fee</u>	<u>Earned Fee</u>
February 1, 2001, through September 30, 2001 Award Fee & Performance-Based Incentives	\$14,700,000	\$12,795,811
October 1, 2001 through September 30, 2002 Award Fee & Performance-Based Incentives	\$23,300,000	\$21,507,809
October 1, 2002 through September 30, 2003 Award Fee, Performance-Based Incentives & Comprehensive Incentives	\$23,700,000	\$20,619,000
October 1, 2003 through September 30, 2004 Award Fee & Performance-Based Incentives	\$26,400,000	\$23,502,961

October 1, 2004 through September 30, 2005
 Award Fee & Performance-Based Incentives \$28,140,565 \$25,129,523

October 1, 2005 through September 30, 2006
 Award Fee & Performance-Based Incentives \$29,875,417 \$27,501,337
 Work for Others \$ 109,778 (est) \$ 61,221
 Other Reimbursable Work \$ 538,832 (est) \$ 499,504
 Total \$30,524,027 \$28,062,062

October 1, 2006 through September 30, 2007
 Award Fee & Performance-Based Incentives \$33,395,888 \$30,676,159
 Work for Others \$ 84,238 (est) \$ 150,434
 Other Reimbursable Work \$ 457,800 (est) \$ 537,040
 Total \$33,937,926 \$31,363,633

October 1, 2007 through September 30, 2008
 Award Fee & Performance-Based Incentives \$36,114,000 \$33,946,126
 Work for Others \$ 186,000 (est) \$ 264,216
 Other Reimbursable Work \$ 73,000 (est) \$ 185,015
 Total \$36,373,000 \$34,395,357

October 1, 2008 through September 30, 2009
 Award Fee & Performance-Based Incentives \$33,478,579 \$31,815,053
 Work for Others \$ 224,634 (est) \$ 207,296
 Other Reimbursable Work \$ 91,932 (est) \$ 192,086
 Total \$33,795,145 \$32,214,435

October 1, 2009 through September 30, 2010
 Award Fee & Performance-Based Incentives \$37,618,000 **\$35,930,423**
 Work for Others \$ 278,000 (est) **\$ 270,406**
 Other Reimbursable Work \$ 120,000 (est) **\$ 125,005**
 Total \$38,016,000 **\$36,325,834**

October 1, 2010 through September 30, 2011
 Award Fee & Performance-Based Incentives \$ 34,878,000
 Work for Others \$ 276,000 (est)
 Other Reimbursable Work \$ 127,000 (est)
 Total \$ 35,281,000

October 1, 2011 through December 31, 2011 (Option – See Para. F.4)
 Award Fee & Performance-Based Incentives \$ TBD
 Work for Others \$ TBD
 Other Reimbursable Work \$ TBD
 Total \$ TBD

January 1, 2012 through March 31, 2012 (Option – See Para. F.4)

Award Fee & Performance-Based Incentives	\$ TBD
Work for Others	\$ TBD
Other Reimbursable Work	\$ TBD
Total	\$ TBD

- (c) Up to thirty-five percent (35 percent) of the total available fee pool shown in (b)(3) above, excluding “Work for Others” and “Other Reimbursable Work,” for a given contract period may be paid to the Contractor provisionally in equal monthly increments of one-twelfth (1/12) of the total available fee pool amount per month. The final determination of fee will be made by the Fee Determining Official (FDO), in accordance with the fee clauses of this Contract. In the event that overpayment results from the payment of fee on a provisional basis, the Contractor shall reimburse such overpayment to the Government upon demand, payable with interest in accordance with the Section I Clause entitled “Interest”.
- (d) In the event Congressional appropriation deviates by more than (plus or minus) 25 percent from the “Laboratory Table” in the President’s Budget annual requests, the Contracting Officer shall unilaterally modify the contract to adjust the Maximum Available Incentive Fee based on NNSA fee policy.

(Following subparagraph modified by M151)

- (e) Pursuant to the Contract’s Section I Clause entitled “Obligation of Funds,” the total amount obligated by the Government is \$ (See the latest obligation of funds modification).

6.4 Surplus Plutonium Pit Storage

The Contractor shall support planning activities and shall execute assigned tasks related to the storage, packaging, and shipment of surplus plutonium pits.

6.5 Workers Compensation Matters

(Sub-paragraph added by M074)

The Contractor may, from time to time, be directed by the Contracting Officer to manage certain Workers Compensation Matters arising out of the operations of other plants within the Weapons Complex owned by the Department of Energy or its predecessor agencies and managed by the Mason & Hanger Corporation. The sites involved may include the former Iowa Ordnance Plant in Burlington Iowa, the Medina Facility outside of San Antonio, Texas and the Clarksville facility in Clarksville, Tennessee associated with Fort Campbell Military reservation.

7.0 Other Non-DOE Support (M139)

The Contractor shall manage and execute other assigned programs related to the Pantex Plant mission for other Government agencies or privately owned organizations on a non-interference basis with other DOE work.

In addition, the contractor will provide site support (i.e., technical: environmental; safety and health; security; administrative; etc.) to other federal agencies and/or contractors performing work at the Pantex Plant as directed by the Contracting Officer.

C.3 DELIVERABLES

(Clause C.3 as modified by M043, M219)

The primary deliverable under this Contract is Nuclear Weapons assembly and disassembly. To ensure that effective and efficient management systems exist for the management and operation of the Pantex Plant, this Contract also requires the delivery of certain documents, plans, and reports for the Contracting Officer's review and approval. These requirements are specified elsewhere in this Contract; however, they include the following:

- Site Safeguards and Security Plan (DOE Order 470.1)
- Quality Assurance Plan (10 CFR 830.120)
- Radiation Protection Plan (10 CFR 835)
- Emergency Preparedness Plan (DOE Order 151.1)
- Material Control and Accounting Plan (DOE 5633.3B)
- Authorization Agreements

Diversity Plan
Integrated Safety Management Program Plan (DEAR 970.5204-2)

The Contracting Officer may require additional reports, analysis, or other information relevant to the Pantex Plant management and operations.

C.4 WORK STANDARDS

In performing this Contract, the Contractor shall comply with applicable federal, state, and local laws and regulations; and shall be responsible for obtaining such licenses, permits, and other authorization that may be necessary for the performance of the work.

Pursuant to the Contract Clause entitled “Laws, Regulations, and DOE Directives,” the Contractor shall conform to the requirements of all applicable DOE Orders and Directives which may establish management, technical, procedural or other standards, and specifications for Contractor work activities. The Orders and Directives applicable to this Contract are contained at Section J, Appendix E.

PART II – CONTRACT CLAUSE
 (Modified in its entirety per M117)

I.1 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at these address(es):

<u>Federal Acquisition Regulations</u>	http://www.arnet.gov/far/
<u>Federal Acquisition Forms</u>	http://www.gsa.gov/forms/farnumer.htm
<u>Department of Energy Acquisition Regulations</u>	http://professionals.pr.doe.gov/ma5/MA-5Web.nsf/ or http://farsite.hill.af.mil/vfdoe1.htm

I.2 NOTICE – SECTION I CLAUSES INCORPORATED BY REFERENCE
 (Modified M139, M174, M188, M193, M207, **M219**)

Changes to this section are noted in bold type for new or revised content.

The references cited herein are from the Federal Acquisition Regulation (FAR) (48 CFR Chapter 1) and the U.S. Department of Energy Acquisition Regulation (DEAR) (48 CFR Chapter 9). The following FAR and DEAR clauses are hereby incorporated by reference:

1. FAR (48 CFR CHAPTER 1) CLAUSES

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
*52.202-1	Definitions as modified by DEAR 952.202-1 (MAR 2002)	JUL 2004
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions on Subcontractor Sales to the Government	SEP 2006
52.203-7	Anti-Kickback Procedures	JUL 1995

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	JAN 1997
52.203-10	Price or Fee Adjustments for Illegal or Improper Activity	JAN 1997
52.203-12	Limitation on Payments to Influence Certain Federal Transactions	SEP 2007
52.203-13	Contractor Code of Business Ethics and Conduct	APR 2010
52.203-14	Display of Hotline Poster(s)	DEC 2007
52.204-4	Printed or Copied Double-Sided on Recycled Paper	AUG 2000
52.204-7	Central Contractor Registration	APR 2008
52.204-9	Personal Identity Verification of Contractor Personnel	SEP 2007
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards	JUL 2010
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	SEP 2006
52.211-5	Material Requirements	AUG 2000
52.211-15	Defense Priority Allocation Requirements	APR 2008
52.215-8	Order of Precedence - Uniform Contract Format	OCT 1997
52.215-15	Pension Adjustments and Asset Reversions	OCT 2004
52.219-8	Utilization of Small Business Concerns	MAY 2004
52.219-9	Small Business Subcontracting Plan	JUL 2010

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.219-16	Liquidated Damages – Subcontracting Plan	JAN 1999
52-219-25	Small Disadvantaged Business Participation Program - Disadvantaged Status and Reporting	APR 2008
52.222-1	Notice to the Government of Labor Disputes	FEB 1997
52.222-3	Convict Labor	JUN 2003
52.222-4	Contract Work Hours and Safety Standards Act - Overtime Compensation	JUL 2005
52.222-6	Davis-Bacon Act	JUL 2005
52.222-7	Withholding of Funds	FEB 1988
*52.222-8	Payrolls and Basic Records (Deviation)	NOV 2009
52.222-9	Apprentices and Trainees	JUL 2005
52.222-10	Compliance with Copeland Act Requirements	FEB 1988
52.222-11	Subcontracts (Labor Standards)	JUL 2005
52.222-12	Contract Termination – Debarment	FEB 1988
52.222-13	Compliance with Davis-Bacon and Related Act Regulations	FEB 1988
52.222-14	Disputes Concerning Labor Standards	FEB 1988
52.222-15	Certification of Eligibility	FEB 1988
52.222-16	Approval of Wage Rates	FEB 1988

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.222-20	Walsh-Healey Public Contracts Act	DEC 1996
52.222-21	Prohibition of Segregated Facilities	FEB 1999
52.222-26	Equal Opportunity	MAR 2007
52.222-27	Affirmative Action Compliance Requirements for Construction	FEB 1999
52.222-29	Notification of Visa Denial	JUN 2003
52.222-35	Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans	SEP 2006
52.222-36	Affirmative Action for Workers With Disabilities	JUN 1998
52.222-37	Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans	SEP 2006
52.222-40	Notification of Employee Rights Under the National Labor Relations Act	UNDATED
52.222-50	Combating Trafficking in Persons	FEB 2009
52.222-54	Employment Eligibility Verification	JAN 2009
52.223-3	Hazardous Material Identification and Material Safety Data (Alternate I - JUL 1995)	JAN 1997
*52.223-5	Pollution Prevention and Right-To Know Information (Alternate I – AUG 2003) as Modified by DOE Acquisition Letter 2008-05	AUG 2003
52.223-7	Notice of Radioactive Materials	JAN 1997
*52.223-10	Waste Reduction Program as Modified by DOE Acquisition Letter	AUG 2000

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
	2008-05	
52.223-12	Refrigeration Equipment and Air Conditioners	MAY 1995
52.223-14	Toxic Chemical Release Reporting	AUG 2003
52.223-15	Energy Efficiency in Energy-Consuming Products	DEC 2007
52.223-16	IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products	DEC 2007
52.223-17	Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts	MAY 2008
52.224-1	Privacy Act Notification	APR 1984
52.224-2	Privacy Act	APR 1984
52.225-8	Duty-Free Entry	FEB 2000
52.225-9	Buy American Act – Construction Materials	FEB 2009
52.225-13	Restrictions on Certain Foreign Purchases	JUN 2008
52.226-1	Utilization of Indian Organizations and Indian-Owned Economic Enterprises	JUN 2000
52.227-3	Patent Indemnity	APR 1984
52.227-10	Filing of Patent Applications – Classified Subject Matter	DEC 2007
52.227-23	Rights to Proposal Data (Technical)	JUN 1987
*52.229-8	Taxes - Foreign Cost-Reimbursement Contracts	MAR 1990

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
*52.229-10	State of New Mexico Gross Receipts and Compensating Tax as Modified by DEAR 970.2904-1(a)	APR 2003
52.230-2	Cost Accounting Standards	OCT 2008
52.230-6	Administration of Cost Accounting Standards	JUNE 2010
52.232-17	Interest	OCT 2008
52.232-18	Availability of Funds	APR 1984
52.232-24	Prohibition of Assignment of Claims	JAN 1986
52.233-1	Disputes - Alternate I (DEC 1991)	JUL 2002
52.233-3	Protest After Award (Alternate I - JUN 1985)	AUG 1996
52.233-4	Applicable Law For Breach of Contract Claim	OCT 2004
52.237-2	Protection of Government Buildings, Equipment, and Vegetation	APR 1984
52.237-3	Continuity of Services	JAN 1991
52.242-1	Notice of Intent to Disallow Costs	APR 1984
52.242-13	Bankruptcy	JUL 1995
52.244-5	Competition in Subcontracting	DEC 1996
52.244-6	Subcontracts for Commercial Items	JUN 2010
52.247-1	Commercial Bill of Lading Notations	FEB 2006

FAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
52.247-63	Preference for U.S.-Flag Air Carriers	JUN 2003
52.247-64	Preference for Privately Owned U.S.-Flag Commercial Vessels	FEB 2006
52.249-6	Termination (Cost-Reimbursement) as Modified by DEAR 970.4905-1(b)	MAY 2004
52.249-14	Excusable Delays	APR 1984
52.250-1	Indemnification under Public Law 85-804 (Alternate I – APR 1984)	APR 1984
52.251-1	Government Supply Sources	AUG 2010
52.251-2	Interagency Fleet Management Systems (IFMS) Vehicles and Related Services	JAN 1991
52.253-1	Computer Generated Forms	JAN 1991

*See I.10 Clause 52.252-4, “Alterations in Contract (APR 1984).”

2. DEAR (48 CFR CHAPTER 9) CLAUSES

DEAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
952.203-70	Whistleblower Protection for Contractor Employees	DEC 2000
952.204-2	Security	AUG 2009
952.204-70	Classification/Declassification	SEP 1997
952.204-71	Sensitive Foreign Nations Controls	APR 1994
952.204-75	Public Affairs	DEC 2000
952.208-7	Tagging of Leased Vehicles	APR 1984
952.209-72	Organizational Conflicts of Interest (JUN 1997) Alternate I	AUG 2009
952.211-71	Priorities and Allocations (Atomic Energy)	APR 2008
*952.215-70	Key Personnel	DEC 2000
952.217-70	Acquisition of Real Property	APR 1984
952.219-70	DOE Mentor-Protégé Program	MAY 2000
952.223-75	Preservation of Individual Occupational Radiation Exposure Records	APR 1984
952.226-74	Displaced Employee Hiring Preference	JUN 1997
952.250-70	Nuclear Hazards Indemnity Agreement	JUN 1996
952.251-70	Contractor Employee Travel Discounts	AUG 2009
970.5203-1	Management Controls	JUN 2007

DEAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
970.5203-2	Performance Improvement and Collaboration	MAY 2006
970.5203-3	Contractor's Organization	DEC 2000
970.5204-1	Counterintelligence	DEC 2000
970.5204-2	Laws, Regulations, and DOE Directives	DEC 2000
970.5204-3	Access to and Ownership of Records	JUL 2005
970.5208-1	Printing	DEC 2000
970.5215-3	Conditional Payment of Fee, Profit, and Other Incentives – Facility Management Contracts	AUG 2009
970.5215-4	Cost Reduction	AUG 2009
970.5217-1	Work for Others Program (Non-DOE Funded Work)	JAN 2005
970.5222-1	Collective Bargaining Agreements – Management and Operating Contracts	DEC 2000
970.5222-2	Overtime Management	DEC 2000
970.5223-1	Integration of Environment, Safety, and Health Into Work Planning and Execution	DEC 2000
*970.5223-2	Affirmative Procurement Program (MAR 2003) as Modified by DOE Acquisition Letter 2008-05	MAR 2003
970.5223-4	Workplace Substance Abuse Programs at DOE Sites	DEC 2000
*970.5223-5	DOE Motor Vehicle Fleet Fuel Efficiency as Modified by DOE Acquisition Letter 2008-05	MAR 2003
970.5223-6	Strengthening Federal Environmental, Energy, and Transportation Management	OCT 2010

DEAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
970.5223-7	Sustainable Acquisition Program	OCT 2010
970.5226-1	Diversity Plan	DEC 2000
970.5226-2	Workforce Restructuring Under Section 3161 of the National Defense Authorization Act for Fiscal Year 1993	DEC 2000
970.5226-3	Community Commitment	DEC 2000
*970.5227-2	Rights in Data-Technology Transfer (ALTERNATE I DEC 2000) (DEVIATION)	DEC 2000
*970.5227-3	Technology Transfer Mission (DEVIATION)	AUG 2002
970.5227-4	Authorization and Consent	AUG 2002
970.5227-5	Notice and Assistance Regarding Patent and Copyright Infringement	AUG 2002
970.5227-6	Patent Indemnity – Subcontracts	DEC 2000
970.5227-8	Refund of Royalties	AUG 2002
970.5227-9	Notice of Right to Request Patent Waiver	DEC 2000
*970.5227-12	Patent Rights Management and Operating Contracts, For-Profit Contractor, Advance Class Waiver (Alternate I – DEVIATION)	AUG 2002
970.5228-1	Insurance – Litigation and Claims	AUG 2009
970.5229-1	State and Local Taxes	DEC 2000
970.5231-4	Preexisting Conditions (Alternate I DEC 2000) (Alternate II DEC 2000)	DEC 2000

DEAR NUMBER	CLAUSE TITLE	DATE OF CLAUSE
970.5232-1	Reduction or Suspension of Advance, Partial, or Progress Payments	DEC 2000
970.5232-2	Payments and Advances (Alternate III DEC 2000)	DEC 2000
970.5232-3	Accounts, Records, and Inspection	AUG 2009
970.5232-4	Obligation of Funds	DEC 2000
970.5232-5	Liability with Respect to Cost Accounting Standards	DEC 2000
970.5232-6	Work for Others Funding Authorization	DEC 2000
970.5232-7	Financial Management System	DEC 2000
970.5232-8	Integrated Accounting	DEC 2000
970.5242-1	Penalties for Unallowable Costs	AUG 2009
970.5243-1	Changes	DEC 2000
970.5244-1	Contractor Purchasing Systems	AUG 2009
970.5245-1	Property	DEC 2000

*See I.10 Clause 52.252-4, "Alterations in Contract (APR 1984)."

PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS
 SECTION J – LIST OF ATTACHMENTS

APPENDIX E – LIST OF APPLICABLE DIRECTIVES

March 30, 2011

Pursuant to the contract clause entitled “Laws, Regulations, and DOE Directives,” the following list of directives is applicable to this contract.

List A

Pursuant to DEAR 970.5204-2(a) the contractor shall comply with the requirements of applicable Federal, State, and local laws and regulations, unless relief has been granted in writing by the appropriate regulatory agency. Omission of any applicable law or regulation from this list does not affect the obligation of the contractor to comply with such law or regulation.

Laws & Regulations	Title
5 CFR 293 Subpart E	Employee Medical File System Records
10 CFR 71	Packaging and Transportation of Radioactive Material
10 CFR 433	Energy Efficiency Standards for the Design and Construction of New Federal Commercial and Multi-Family High-Rise Residential Buildings
10 CFR 707	Workplace Substance Abuse Programs at DOE Sites
10 CFR 708	DOE Contractor Employee Protection Program
10 CFR 709	Counterintelligence Evaluation Program
10 CFR 710	Criteria and Procedures for Determining Eligibility for Access to Classified Matter or Special Nuclear Material
10 CFR 712	Human Reliability Program
10 CFR 820 Appendix A	Procedural Rules for DOE Nuclear Activities (2007)
10 CFR 824	Procedural Rules for the Assessment of Civil Penalties for Classified Information Security Violations
10 CFR 830	Nuclear Safety Management
10 CFR 835	Occupational Radiation Protection (2007)
10 CFR 850	Chronic Beryllium Disease Prevention Program
10 CFR 851	Worker Safety and Health Program
10 CFR 1016	Safeguards of Restricted Data
10 CFR 1021	National Environmental Policy Act Implementing Procedures
10 CFR 1022	Compliance with Floodplain and Wetland Environmental Review Requirements

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Laws & Regulations	Title
10 CFR 1046	Physical Protection of Security Interests
10 CFR 1047	Limited Arrest Authority and Use of Force by Protective Force Officers
15 CFR 730-774	Export Control Policy – Export Administration Regulations
20 CFR 1	Performance of Functions
20 CFR 30	Claims for Compensation Under the Energy Employees Occupational Illness Compensation Program Act of 2000
29 CFR 1904	Recording and Reporting Occupational Injuries and Illnesses
29 CFR 1910	Occupational Safety and Health Standards
29 CFR 1926	Safety and Health Regulations for Construction
36 CFR Ch XII, Sub-Chapter B	National Archives and Records Administration – Records Management
36 CFR 60	National Register of Historic Places
36 CFR 63	Determinations
36 CFR 79	Curation of Federally-Owned and Administered Archaeological Collections
36 CFR 800	Protection of Historic Properties
36 CFR 1228.164	What records must be transferred to the National Personnel Records Center (NPRC)?
40 CFR 50	National Primary and Secondary Ambient Air Quality Standards
40 CFR 53	Ambient Air Monitoring Reference and Equivalent Methods
40 CFR 60	Standards of Performance for New Stationary Sources
40 CFR 61	National Emission Standards for Hazardous Air Pollutants
40 CFR 63	National Emission Standards for Hazardous Air Pollutants For Source Categories
40 CFR 63	National Emissions Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines (2010)
40 CFR 68	Chemical Accident Prevention Provisions
40 CFR 80	Regulation of Fuels and Fuel Additives
40 CFR 82	Protection of Stratospheric Ozone
40 CFR 109	Criteria for State, Local and Regional Oil Removal Contingency Plans
40 CFR 110	Discharge of Oil
40 CFR 112	Oil Pollution Prevention
40 CFR 116	Designation of Hazardous Substances
40 CFR 117	Determination of Reportable Quantities for Hazardous Substances
40 CFR 121	State Certification of Activities Requiring a Federal License or Permit
40 CFR 122	EPA Administered Permit Programs: The National Pollutant Discharge Elimination System
40 CFR 123	State Program Requirements
40 CFR 125	Criteria and Standards for the National Pollutant Discharge

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Laws & Regulations	Title
	Elimination System
40 CFR 131	Water Quality Standards
40 CFR 133	Secondary Treatment Regulation
40 CFR 136	Guidelines Establishing Test Procedures for the Analysis of Pollutants
40 CFR 141	National Primary Drinking Water Regulations (2007)
40 CFR 143	National Secondary Drinking Water Regulations
40 CFR 156	Labeling Requirements for Pesticides and Devices
40 CFR 170	Worker Protection Standard
40 CFR 171	Certification of Pesticide Applicators
40 CFR 260	Hazardous Waste Management System General
40 CFR 261	Identification and Listing of Hazardous Waste
40 CFR 262	Standards Applicable to Generators of Hazardous Waste
40 CFR 264	Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
40 CFR 265	Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
40 CFR 266	Standards for the Management of specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities
40 CFR 268	Land Disposal Restrictions
40 CFR 273	Standards for Universal Waste Management
40 CFR 279	Standards for the Management of Used Oil
40 CFR 280	Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks (UST)
40 CFR 300	National Oil and Hazardous Substances Pollution Contingency Plan
40 CFR 302	Designation, Reportable Quantities, and Notification
40 CFR 355	Emergency Planning and Notification
40 CFR 370	Hazardous Chemical Reporting: Community Right-To-Know
40 CFR 372	Toxic Chemical Release Reporting: Community Right-To-Know
40 CFR 761	Polychlorinated Biphenyls (PCBS) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions
40 CFR 1500	Council on Environmental Quality – Purpose, Policy, and Mandate
40 CFR 1501	NEPA and Agency Planning
40 CFR 1502	Environmental Impact Statement
40 CFR 1503	Commenting
40 CFR 1504	Predecision Referrals to the Council of Proposed Federal Actions to be Environmentally Unsatisfactory
40 CFR 1505	NEPA and Agency Decisionmaking
40 CFR 1506	Other Requirements of NEPA
40 CFR 1507	Agency Compliance
40 CFR 1508	Terminology and Index

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Laws & Regulations	Title
41 CFR 60	Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor
41 CFR 101	Federal Property Management Regulations
41 CFR 109	Department of Energy Property Management Regulations
43 CFR 7	Protection of Archaeological Resources
43 CFR 10	Native American Graves Protection and Repatriation Regulations
48 CFR 45	Contract Management – Government Property
48 CFR 47	Transportation
48 CFR 970	DOE Management and Operating Contracts
49 CFR 15	Protection of Sensitive Security Information
49 CFR 40	Procedures for Transportation Workplace Drug and Alcohol Testing Programs
49 CFR 107	Hazardous Materials Program Procedures
49 CFR 171	Hazardous Materials Regulations – General Information, Regulations, and Definitions
49 CFR 172	Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements
49 CFR 173	Shippers General Requirements for Shipments and Packages
49 CFR 174	Carriage by Rail
49 CFR 175	Carriage by Aircraft
49 CFR 176	Carriage by Vessel
49 CFR 177	Carriage by Public Highway
49 CFR 178	Specifications for Packagings
49 CFR 179	Specification for Tank Cars
49 CFR 180	Continuing Qualification and Maintenance of Packagings
49 CFR 380	Transportation
49 CFR 382	Controlled Substances and Alcohol Use and Testing
49 CFR 383	Commercial Driver’s License Standards; Requirements and Penalties
49 CFR 385	Safety Fitness Procedures
49 CFR 387	Minimum Levels of Financial Responsibility for Motor Carriers
49 CFR 390	Federal Motor Carrier Safety Regulations; General
49 CFR 391	Qualifications of Drivers and Longer Combinations Vehicle (LCV) Driver Instructions
49 CFR 392	Driving of Commercial Motor Vehicles
49 CFR 393	Parts and Accessories Necessary for Safe Operation
49 CFR 395	Hours of Service Drivers
49 CFR 396	Inspection, Repair, and Maintenance
49 CFR 397	Transportation of Hazardous Materials; Driving and Parking Rules
49 CFR 571	Federal Motor Vehicle Safety Standards

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Laws & Regulations	Title
50 CFR 10	Taking, Possession, Transportation, Sale, Purchase, Barter, Exportation, and Importation of Wildlife and Plants – General Provisions
50 CFR 17	Endangered and Threatened Wildlife and Plants
50 CFR 402	Interagency Cooperation Endangered Species Act of 1973, as Amended
16 USC	Conservation
49 USC 5109(f)	Transportation
EO 11514	Protection and Enhancement of Environmental Quality
EO 11988	Floodplain Management
EO 11990	Protection of Wetlands
EO 12564	Drug-Free Federal Workplace
EO 12898	Environmental Justice
EO 13186	Responsibilities of Federal Agencies to Protect Migratory Birds
EO 13423	Strengthening Federal Environmental Energy, and Transportation Management
EO 13513	Federal Leadership On Reducing Text Messaging While Driving
	Americans with Disabilities Act of 1990
	Atomic Energy Act
	Energy Policy Act of 1992
	Federal Facility Compliance Act of 1992
DEAR 952.236.70	Administrative Terms for Architect-Engineer Contracts
OMB Circular A-130	Management of Federal Information Resources
NHPA 110	Guidelines for Federal Agency Responsibilities under Section 110 of the National Historic Preservation Act (16 U.S.C. 470)
NHPA CRMP (April 2004)	Comprehensive Cultural Resource Management Plan for Pantex
TCEQ Air Permit 18379	Air Quality Permit
TCEQ Air Permit 21233	Air Quality Permit
USDA-APHIS	Wildlife Services; Letter of Authorization: Transport Skunks for Euthanasia, Animal Control Authorization
TCEQ Permit WQ000229600 (EPA TX 0107107-NEPDES)	Water Quality Permit to Dispose of Waste
TCEQ Permit WQ0004397000	Water Quality Permit for Land Application
TCEQ Permit 02296	Permit to Dispose of Waste
TCEQ Permit 04397	Texas Land Application

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Laws & Regulations	Title
TCEQ Permit 30459	Solid Waste Registration Numbers (EPA Number TX4890110527)
TCEQ Permit CP-50284	RCRA Compliance Plan
TCEQ Permit HW-50284	RCRA Hazardous Waste Permit
TCEQ Permit by Rule TCEQ PERM 282334	Authorizations For Emissions to Atmosphere for Small Sources Self-certification as a Synthetic Minor Source Under Title V of the Federal Clean Air Act (Federal Operating Permit) (Compliance with 30 TAC 122)
TCEQ TPDES MSGP TCEQ ID # 0330007	Visual Monitoring GP Construction Storm Water Public Water System ID Number
TCEQ UIC Permits 5W2000017 5X2600215 5X250089 5X250098	Underground Injection Control Class V Wells Associated with Permit WQ0004397000 Associated with Permit CP-50284 Associated with Permit CP-50284 Associated with Permit CP-50284
TPDES TXR05P506	Multi-Sector Industrial Storm Water Permit
TPDES TXR150000	Storm Water General Permit for Construction Projects
TAC Title 4	Texas Administrative Code - Agriculture
TAC Title 22	Texas Administrative Code - Examining Boards
TAC Title 25	Texas Administrative Code – Health Services
TAC Title 30	Texas Administrative Code – Environmental Quality
TAC Title 30 Chapter 222	Texas Administrative Code – Subsurface Area Drip Dispersal Systems
TAC Title 30 Chapter 334	Texas Administrative Code – Underground and Aboveground Storage Tanks (2008)
TAC Title 31	Texas Administrative Code – Natural Resources and Conservation
TAC Title 43	Texas Administrative Code – Transportation
TCEQ Memo 2/15/2006	Texas Commission on Environmental Quality (TCEQ) Toll Free Homeland Security Threat Reporting Number
TPWC 64	Texas Parks and Wildlife Code: Birds
TPWC 66	Texas Parks and Wildlife Code: Fish
TPWC 67	Texas Parks and Wildlife Code: Non Game Species
TPWC 68	Texas Parks and Wildlife Code: Endangered Species
TPWC 71	Texas Parks and Wildlife Code: Licenses and Regulations
TPWC 88	Texas Parks and Wildlife Code: Endangered Plants
TPWD-SPR-1296-844	Wildlife Research
TPWD- (no number)	Furbearing Animal Trap & Release Permit
TWC 26	Texas Water Code: Water Quality Control

List B

Pursuant to DEAR 970.5204-2(b) the contractor shall comply with the requirements of these Department of Energy directives, or parts thereof, as identified. Applicability to the Pantex Prime Contract is determined to be effective with the approval for incorporation or removal notification as directed by the Pantex Site Office Contracting Officer by separate memorandum and will be posted to this list during the next periodic update and publication of a modification to the Pantex Prime Contract.

As used in this listing, “Full (F) Incorporation” means the directive has been incorporated into the Prime Contract in its entirety. “Partial (P) Incorporation” means an equivalency, exemption, or other form of relief has been granted from one or more of the requirement(s) in the directive.

Directive	Title	Full (F) Partial (P) Incorporation
O 130.1	Budget Formulation Process	F
M 140.1-1B	Interface with the Defense Nuclear Facilities Safety Board (DNFSB)	P
O 142.1	Classified Visits Involving Foreign Nationals	F
P 141.2	Public Participation and Community Relations	F
O 150.1	Continuity Programs	F
O 151.1C	Comprehensive Emergency Management System	F
O 153.1	Department Radiological Emergency Response Assets	F
O 200.1A	Information Technology Management	F
O 205.1A	Department of Energy Cyber Security Management	F
M 205.1-3	Telecommunication Security Manual	F
M 205.1-4	National Security System Manual	F
M 205.1-6	Media Sanitization Manual	F
M 205.1-7	Security Controls for Unclassified Information Systems Manual	F
M 205.1-8	Cyber Security Incident Management Manual	F
O 206.1	Department of Energy Privacy Program	F
N 206.4	Personal Identity Verification	F
O 210.2	DOE Corporate Operating Experience Program	F
O 221.1A	Reporting Fraud, Waste, and Abuse to the Office of Inspector General	F
O 221.2A	Cooperation with the Office of Inspector General	F
O 225.1A	Accident Investigations	F
O 226.1A	Implementation of Department of Energy Oversight Policy	F

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Directive	Title	Full (F) Partial (P) Incorporation
M 231.1-1A	Environment, Safety and Health Reporting Manual	F
M 231.1-2	Occurrence Reporting and Processing of Operations Information	F
N 234.1	Reporting of Radioactive Sealed Sources	F
O 243.1	Records Management Program	F
O 243.2	Vital Records	F
O 252.1	Technical Standards Program	F
O 341.1A	Federal Employee Health Services	F
O 350.1	Contractor Human Resource Management Programs	F
O 350.2A	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, D.C. Area	F
O 410.2	Management of Nuclear Materials	F
O 412.1A	Work Authorization System	F
O 413.1B	Internal Control Program	F
O 413.3A	Program and Project Management for the Acquisition of Capital Assets	F
O 414.1C	Quality Assurance	F
O 420.1B	Facility Safety	P
G 420.1-1	Nonreactor Nuclear Safety Design Criteria and Explosive Safety Criteria Guide for use with DOE O 420.1 Facility Safety	P
G 420.1-3	Implementation Guide for DOE Fire Protection and Emergency Services Programs	F
O 422.1	Conduct of Operations	F
O 425.1D	Verification of Readiness to Start Up or Restart Nuclear Facilities	F
O 426.2	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities	P
O 430.1B	Real Property Asset Management	P
O 430.2B	Departmental Energy and Utilities Management	P
O 433.1B	Maintenance Management Program for DOE Nuclear Facilities	F
O 435.1	Radioactive Waste Management	P
M 435.1-1	Radioactive Waste Manual	P
M 440.1-1A	DOE Explosives Safety Manual	F
O 442.1A	Department of Energy Employee Concerns Program	F
M 442.1-1	Differing Professional Opinions Manual for Technical Issues Involving Environment, Safety and Health	F
O 450.1A	Environmental Protection Program	F
P 450.4	Safety Management System Policy	F

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Directive	Title	Full (F) Partial (P) Incorporation
M 450.4-1	Integrated Safety Management System Manual	F
P 450.7	Department of Energy Environment, Safety and Health (ES&H) Goals	F
O 452.1D	Nuclear Explosive and Weapon Surety Program	F
O 452.2D	Nuclear Explosive Safety	F
M 452.2-1A	Nuclear Explosive Safety Manual	F
M 452.2-2	Nuclear Explosive Safety Evaluation Processes	F
O 452.3	Management of the Department of Energy Nuclear Weapons Complex	F
O 452.4B	Security and Use Control of Nuclear Explosives and Nuclear Weapons	F
O 452.7	Protection of Use Control Vulnerabilities and Designs	F
O 457.1	Nuclear Counterterrorism	F
M 457.1-1	Control of Improvised Nuclear Device Information	F
O 460.1C	Packaging and Transportation	P
O 460.2A	Departmental Materials Transportation and Packaging Management	P
M 460.2-1A	Radioactive Material Transportation Practices Manual for Use with DOE O 460.2A	F
O 461.1A	Packaging and Transfer or Transportation of Materials of National Security Interest	P
O 462.1	Import and Export of Category 1 and 2 Radioactive Sources and Aggregated Quantities	F
P 470.1	Integrated Safeguards and Security Management (ISSM) Policy	F
O 470.2B	Independent Oversight and Performance Assurance Program	F
O 470.3B	Graded Security Protection (GSP) Policy	F
M 470.4-1	Safeguards and Security Program Planning and Management	P
M 470.4-3A	Contractor Protective Force	F
M 470.4-5	Personnel Security	F
M 470.4-6	Nuclear Material Control and Accountability	F
O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information	F
M 471.2-4	Technical Surveillance Countermeasures Manual (TSCM) (Annex)	P
O 471.3	Identifying and Protecting Official Use Only Information	F
M 471.3-1	Manual for Identifying and Protecting Official Use Only Information	F
O 475.1	Counterintelligence Program	F
O 475.2	Identifying Classified Information	F
M 475.1-1B	Manual for Identifying Classified Information	F

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Directive	Title	Full (F) Partial (P) Incorporation
M 481.1-1	Reimbursable Work For Non-Federal Sponsors Process Manual	F
O 482.1	DOE Facilities Technology Partnering Programs	F
O 483.1	DOE Cooperative Research and Development Agreements	F
M 483.1-1	DOE Cooperative Research and Development Agreements Manual	F
O 484.1	Reimbursable Work for the Department of Homeland Security	F
O 522.1	Pricing of Departmental Materials and Services	F
O 534.1B	Accounting	F
O 551.1C	Official Foreign Travel	F
O 580.1	Department of Energy Personal Property Management Program	F
O 1220.1A	Congressional and Intergovernmental Affairs	F
O 1450.4	Consensual Listening-In to or Recording Telephone/Radio Conversations	F
O 5400.5	Radiation Protection of the Public and the Environment	P
O 5610.2	Control of Weapon Data	F
O 5639.8A	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities	F
DOE AL 2010-06 FAL 2010-06	Acquisition Letter/Financial Assistance Letter: Acquiring Information Technology –Requirement to Comply with Internet Protocol Version 6 (IPv6)	F
DOE/EM- STD 5502-94	Hazard Baseline Documentation	P
DOE STD 1020-2002	Natural Phenomena Hazards Performance Categorization Guidelines for Structures, Systems, and Components	P
DOE STD 1027-1992	Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports	F
DOE STD 1066-1999	Fire Protection Design Criteria	P
DOE STD 1073-2003	Configuration Management	F
DOE STD 1090-2004	Hoisting and Rigging	P
DOE STD 1091-1996	Firearms Safety	F
DOE HDBK 1092-2004	Electrical Safety	F
DOE STD 1095-2011	Department of Energy Laboratory Accreditation for External Dosimetry	F

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Directive	Title	Full (F) Partial (P) Incorporation
DOE STD 1135-1999	Guidance for Nuclear Criticality Safety Engineer Training and Qualification	P
DOE STD 1186-2004	Specific Administrative Controls	F
DOE STD 1189-2008	Integration of Safety into the Design Process	F
DOE STD 3007-2007	Guidelines for Preparing Criticality Safety Evaluations at Department of Energy Non-Reactor Nuclear Facilities	F
DOE STD 3009-1994	Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Safety Analysis	F
DOE-NA- STD-3016- 2006	DOE Limited Standard, Hazard Analysis Reports for Nuclear Explosive Operations	F
DOE STD 3020-2005	Specification for HEPA Filters Used by DOE Contractors	F
DOE STD 3025-2007	Quality Assurance Inspection and Testing of HEPA Filters	F
DOE STD- 4001-2000	Design Criteria Standard for Electronic Records Management Software Applications	F
DOE Technical Manual	Tiedown Procedures for Type-B Containers, Shipped in Safe-Secure Trailers/Safeguards Transporter (SST/SFT)	F
DOE Technical Manual 45-51B	Transportation of Nuclear Weapons Material	P
DOE	Memorandum: Improved Cyber Security Protection for Classified Computer Systems (Reference DOE Order 205.1)	F
DOE	Memorandum: Department of Energy Standard 1027 Supplemental Guidance (Reference DOE STD-1027-92)	F
DOE	Memorandum: Unclassified Foreign National Visits and Assignments (Reference DOE O 142.3)	F
DOE	Memorandum: Defense Nuclear Security Funding of Protective Force Equipment (Reference: DOE M 470.4-3A, Appendix X)	F
NNSA NA-1 SD 226.1A	NNSA Line Oversight and Contractor Assurance System Supplemental Directive	F
NNSA NA SD M 452.3-1	Defense Programs Business Requirements and Process Manual	F

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Directive	Title	Full (F) Partial (P) Incorporation
DOE/NNSA 56XB Revision 2	Development and Production Manual	P
DOE/NNSA QC-1 Revision 10	DOE/NNSA Weapon Quality Policy (QC-1)	F
NNSA NA-10 WQAPM	Weapon Quality Assurance Procedures Manual	F
NWC TBP	<p>Nuclear Weapons Complex (NWC) Technical Business Practice (TBP) Infrastructure Business Practices (IBPs) TBP-CM, Issue A: Configuration Management TBP-PRP, Issue E: Product Realization Process TBP-SYS, Issue H: Technical Business Practice System TBP-000, Issue E: Program Management TBP-001, Issue C: Major Assembly Release System TBP-100, Issue G: Concurrent Qualification TBP-101, Issue H: Engineering Evaluation Process TBP-200, Issue E: Product Identification and Traceability TBP-201, Issue D: Weapon Identification Systems and Marking Criteria TBP-202, Issue E: Record of Assembly and Disassembly IBP-202, Issue B: Record of Assembly and Disassembly TBP-203, Issue E: Weapon Record Cards (Addendum: NNSA Memorandum, <i>Request for Pantex Actions to Continue support of Electronic Inspection Record Cards (IRC)</i>, dated November 30, 2007) TBP-300, Issue E: Product Definition TBP-301, Issue J: Methods of Definition TBP-302, Issue D: Product and Equipment Designations TBP-303, Issue D: Seven-Digit Material and Process Specifications, and Public Domain Definition TBP-304, Issue E: Defining Commercial Product in the Engineering Drawing System TBP-305, Issue D: Configuration of Type Weapons TBP-306, Issue E: Software Product Processes TBP-308, Issue A: Computer-Aided Design Process for Electrical Products TBP-400, Issue D: Design Control TBP-401, Issue E: Definition Control TBP-402, Issue F: Product Control</p>	F

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Directive	Title	Full (F) Partial (P) Incorporation
	TBP-403, Issue E: Reviews TBP-404, Issue F: Engineering Authorization System IBP-404, Issue B: Engineering Authorization System TBP-500, Issue D: Records Management TBP-502, Issue A: Distribution of Non-Electronic Product Definition Using Electronic Transmittal Methods TBP-600, Issue D: Procurement TBP-601, Issue E: Procurement Classes of Weapon Product TBP-602, Issue D: Interpretation of Procurement index TBP-700, Issue E: Product Acceptance and Control of Nonconformance TBP-701, Issue D: Acceptance Equipment Interfaces TBP-702, Issue F: Nonconforming Material TBP-703, Issue D: Product Reprocessing and Reworking TBP-704, Issue D: Evaluation and Disposition of Discrepant Weapon Material TBP-800, Issue F: Stockpile Management TBP-801, Issue D: Laboratory and Flight Test Material TBP-802, Issue D: Telemetry Procedures TBP-803, Issue F: Non-Nuclear Assurance Program TBP-804, Issue F: Stockpile Support Material TBP-805, Issue F: Repair and Retrofit of Weapons and Ancillary Equipment TBP-901, Issue B: Integrated Safety Process for Nuclear Weapons Operations and Facilities TBP-908, Issue A: Hazard Analysis and Weapon Response	
NNSA	Quality Plan 100-1 (QP-100)	F
NNSA	NAP 14.1-C, NNSA Baseline Cyber Security Program	F
NNSA	NAP 14.2-C, NNSA Certification and Accreditation (C&A) Process for Information Systems	P
NNSA	NAP 14.3-B, Transmission of Restricted Data over Secret Internet Protocol Router Network (SIPRNet)	F
NNSA	NAP-18, Implementation of NNSA Pilot Program on Determination of Fiscal and Other Impacts of New or Revised Directives	F
NNSA	NAP-70.2, Physical Protection	F
NNSA	NAP-70.4, Information Security	F
NNSA	BOP-003-0304R1, Coordination and Approval Process (CAP) of Contract Actions	P

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NNSA	BOP-50.002, Establishment of a National Nuclear Security Administration (NNSA) Value Management (VM) Policy	P
NNSA	BOP-50.003, Establishment of a National Nuclear Security Administration (NNSA) Independent Project Review (IPR) Policy	F
PXSO SD 1	Conducting Readiness Review of Hazardous Non-nuclear Facilities and Activities	F
PXSO SD 251.1	Directives Implementation Process	F
AASHTO GDHS	American Association of State Highway and Transportation Officials	P
ACGIH TLV Booklet	TLVs and FEIs Based on the Document of the Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices	F
ANSI/ANS 8.3	Criticality Accident Alarm System (Pertaining to Section 4.2.1)	P
ANSI/ANS 8.1	Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors	P
ANSI/ANS 8.7	Nuclear Criticality Safety in the Storage of Fissile Material	P
ANSI/ANS 8.19	Administrative Practices for Nuclear Criticality Safety	F
ANSI/ANS 8.20	Nuclear Criticality Safety Training	F
ANSI/ANS 8.24-2007	Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations	F
ANSI/ANS 8.26-2007	Criticality Safety Engineer Training and Qualification Program	F
ANSI/ASME B56.1-1993	Safety Standard for High Lift and Low Lift Trucks	F
ANSI/ASQ Z1.13.1999	Quality Guidelines for Research	F
ANSI / AWWA	C651: Disinfecting Water Mains C652: Disinfection of Water-Storage Facilities C653: Disinfection of Water Treatment Plants C654: Disinfection of Wells	P
ANSI/CGA	Commodity Specification for Air, Part G-7.1	P
ANSI D6 1989	Manual on Uniform Traffic Control Devices for Streets and Highways	P
ANSI-EIA 748A 1998	Standard for Earned Value Management Systems Intent Guide	F

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ANSI/HFS 100 1988	Human Factors Engineering of VDT Workstations	F
ANSI/IEEE C95.1 (1991)	Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3kHz to 300 GHz	F
ANSI/ISO/ ASQ Q9001-2000	American National Standard – Quality Management Systems – Requirements	F
ANSI/ISO/ IEC 17025- 2005	General Requirements for the Competence of Testing and Calibration Laboratories	F
ANSI S3.34	Guide for the Measurement and Evaluation of Human Exposure to Vibration Transmitted to the Hand	F
ANSI Z41- 1991	Personal Protection – Protective Footwear	F
ANSI Z87.1- 1989	Practice for Occupational/Educational Eye and Face Protection	F
ANSI Z88-2- 1992	Respiratory Protection F	F
ANSI Z136.1-2007	Safe Use of Lasers	F
Application Manual	Revised NIOSH Lifting Equation US DHHS, January 1994	F
ASME Section VIII	Boiler and Pressure Vessel Code	F
ASME NQA- 1 2000	Quality Assurance Requirements for Nuclear Facility Applications	F
ASME NUM-1-2000	Rules of Construction of Cranes, Monorails, and Hoists (With Bridge or Trolley or Hoist of the Underhung Type)	F
Commercial Facility Waste Acceptance Criteria	Criteria for Acceptance of Solid Waste at Commercial Facilities	F
DOD TB 700-2	DOD Ammunition and Explosives Hazard Classification Procedures	F
EP-401075 Issue D	Electrical Testers for Use With Nuclear Explosives at DOE/NNSA Facilities	F
EPA / 520-R- 94-004	RCRA Corrective Action Plan (May 1994) OSWER Directive 9902.3-2A	F
EPA SW-846	Test Methods for Evaluating Solid Waste: Physical / Chemical Methods	F

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Directive	Title	Full (F) Partial (P) Incorporation
GPG-FM-033	DOE Land Use Planning Guide – Guide for Planning Land Use at Pantex	F
IATA DGR	International Air Transport Associations – Dangerous Goods Regulations	F
ISO 14001-2004	Environmental Management Systems Specification with Guidance for Use	F
MIL-STD-1472	Department of Defense Design Criteria Standard – Human Engineering	F
NFPA 1	Uniform Fire Prevention Code (2009)	F
NFPA 10	Standard for Portable Fire Extinguishers (2007)	P
NFPA 13	Standard for the Installation of Sprinkler Systems (2007)	P
NFPA 15	Standard for Water Spray Fixed Systems for Fire Protection (2007)	P
NFPA 17	Standard for Dry Chemical Extinguishing Systems (2009)	P
NFPA 17A	Standard for Wet Chemical Extinguishing Systems (2009)	P
NFPA 20	Standard for the Installation of Stationary Pumps for Fire Protection (2007)	P
NFPA 24	Standard for the Installation of Private Fire Service mains and Their Appurtenances (2007)	P
NFPA 25	Standard for the Inspection, Testing, and Maintenance of Water-Based Protection Systems (2008)	P
NFPA 30	Flammable and Combustible Liquids Code (2008)	P
NFPA 51B	Standard for Fire Prevention During Welding, Cutting, and Other Hot Work (2009)	P
NFPA 52	Compressed Natural Gas (CNG) Vehicular Fuel Systems Code (2006)	P
NFPA 54	ANSI Z223.1-2002 National Fuel Gas Code (2009)	P
NFPA 55	Standard for the Storage, Use, and Handling of Compressed and Liquid Gases in Portable Cylinders (2005)	P
NFPA 58	Liquefied Petroleum Gas Code (2008)	P
NFPA 70	National Electrical Code ® (2008)	F
NFPA 70E	Electrical Safety in the Workplace (2009)	F
NFPA 90A	Installation of Air-Conditioning and Ventilation systems (2009)	F
NFPA 101	Life Safety Code ® (2009)	P
NFPA 241	Safeguarding Construction, Alteration, and Demolition Operations (2009)	F

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Directive	Title	Full (F) Partial (P) Incorporation
NFPA 385	Standard for Tank Vehicles for Flammable and Combustible Liquids (2007)	P
NFPA 780	Installation of Lightning Protection Systems (2008)	P
NFPA 801	Standard for Fire Protection For Facilities Handling Radioactive Material (2008)	P
NFPA 1061	Standard for Professional Qualifications for Public Safety Telecommunicator (2007)	F
NFPA 1500	Standard on Fire Department Occupational Safety and Health Programs (2007)	F
NFPA 1521	Standard for Fire Department Safety Officer (2008)	F
NFPA 1582	Comprehensive Occupational Medical Program of Fire Departments (2007)	F
NFPA 2001	Standard on Clean Agent Fire Extinguishing Systems (2000)	P
NUREG / CR-6698	Guide for Validation of Nuclear Criticality Safety Calculational Methodology	F
RM 257945	AL-R8 Pit Matrix Requirements	F
UPC Chap 3- 10	Uniform Plumbing Code (2003)	F