

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 0034	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY NNSA/Business Services Division U.S. Department of Energy Business Services Division P.O. Box 5400 Albuquerque NM 87185-5400	CODE 05001	7. ADMINISTERED BY (If other than Item 6)	CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) CONSOLIDATED NUCLEAR SECURITY LLC Attn: RICHARD DUNN 301 BEAR CREEK RD OAK RIDGE TN 37831		(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 078390708	FACILITY CODE	x 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-NA0001942	10B. DATED (SEE ITEM 13) 01/08/2013

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:
X	D. OTHER (Specify type of modification and authority) DEAR 970.5243-1 Changes

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

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

The purpose of this Modification is to update Section I Part I-1; Section I, Notice II; and update Appendix N.

See Page 2.

Period of Performance: 07/01/2014 to 06/30/2019

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sebastian M. Klein
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED
16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 28 May 2015

The purpose of this Modification is to update Section I Part I-1; Section I, Notice II; and update Appendix N.

- A. By deleting Section I, Part I-1 – FAR Clauses Incorporated by Reference in its entirety.
- B. By incorporating Section I, Part I-1 – FAR Clauses Incorporated by Reference which adds FAR Part 52.203-17; revises the title for FAR Part 52.222-36. **Revised date May 28, 2015**, which are attached here to and made a part thereof. (Attachment 1)
- C. By adding to Section I, Notice II entitled Clauses incorporated in full text I-31 FAR Part 52.222-99, *Establishing a Minimum Wage for Contractors*, (**DEVIATION**) which is attached in its entirety and made a part thereof. (Attachment 2)
- D. By deleting Appendix N - *LIST OF APPLICABLE DIRECTIVES*, in its entirety.
- E. By incorporating Appendix N - *LIST OF APPLICABLE DIRECTIVES*, **Revised date May 28, 2015**, which is attached here to and made a part thereof. (Attachment 3)
- F. All other terms and conditions remain unchanged, including estimated total contract price and performance period.

I-1 FAR CLAUSES INCORPORATED BY REFERENCE

The references cited herein are from the Federal Acquisition Regulation (FAR) (48 CFR Chapter 1). The following FAR clauses are hereby incorporated by reference:

**FAR (48 CFR CHAPTER 1) CLAUSES
May 28, 2015**

FAR NUMBER	CLAUSE TITLE (Any insertions appear below the title in italics)	DATE OF CLAUSE
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	Oct 2010
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	Jan 1997
52.203-10	Price or Fee Adjustment for Illegal or Improper Activity	Jan 1997
52.203-12	Limitation on Payments to Influence Certain Federal Transactions	Oct 2010
52.203-13	Contractor Code of Business Ethics and Conduct	Apr 2010
52.203-14	Display of Hotline Poster(s) <i>(b)(3) Required poster is: 'DOE Hotline Poster'</i> http://ig.energy.gov/hotline.htm	Dec 2007
52.203-17	Contractor Employee Whistleblower Rights and Requirements to Inform Employees of Whistleblower Rights [MOD 0034]	Apr 2014
52.204-4	Printed or Copied Double-Sided on Postconsumer Fiber Content Paper	May 2011
52.204-7	System for Award Management [MOD 0015]	July 2013
52.204-10	Reporting Executive Compensation and First-Tier Subcontract Awards [MOD 0015]	Jul 2013
52.209-6	Protecting the Government's Interest when Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment [MOD 0015]	Aug 2013
52.209-10	Prohibition on Contracting with Inverted Domestic Corporations [MOD 0015]	May 2012
52.210-1	Market Research	Apr 2011
52.211-5	Material Requirements	Aug 2000

FAR (48 CFR CHAPTER 1) CLAUSES
May 28, 2015

FAR NUMBER	CLAUSE TITLE <i>(Any insertions appear below the title in italics)</i>	DATE OF CLAUSE
52.215-2	Audit and Records -- Negotiation	Oct 2010
52.215-8	Order of Precedence -- Uniform Contract Format	Oct 1997
52.215-12	Subcontractor Certified Cost or Pricing Data	Oct 2010
52.215-13	Subcontractor Certified Cost or Pricing Data -- Modifications	Oct 2010
52.215-15	Pension Adjustments and Asset Reversions	Oct 2010
52.215-17	Waiver of Facilities Capital Cost of Money	Oct 1997
52.215-23	Limitations on Pass-Through Charges	Oct 2009
52.219-8	Utilization of Small Business Concerns	Jul 2013
52.219-9	Small Business Subcontracting Plan - Alt II Oct 2010 <i>[MOD 0015]</i>	Jul 2013
52.219-16	Liquidated Damages -- Subcontracting Plan	Jan 1999
52.219-25	Small Disadvantaged Business Participation Program - Disadvantaged Status and Reporting <i>[MOD 0015]</i>	Jul 2013
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	Jun 2010
52.222-9	Apprentices and Trainees	Jul 2005
52.222-10	Compliance with Copeland Act Requirements <i>[MOD 0015]</i>	Feb 1998
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

FAR (48 CFR CHAPTER 1) CLAUSES
May 28, 2015

FAR NUMBER	CLAUSE TITLE <i>(Any insertions appear below the title in italics)</i>	DATE OF CLAUSE
52.222-16	Approval of Wage Rates	Feb 1988
52.222-20	Walsh-Healey Public Contracts Act	Oct 2010
52.222-21	Prohibition of Segregated Facilities	Feb 1999
52.222-26	Equal Opportunity	Mar 2007
52.222-29	Notification of Visa Denial	Jun 2003
52.222-35	Equal Opportunity for Veterans	Sep 2010
52.222-36	Equal Opportunity for Workers With Disabilities <i>[MOD 0034]</i>	Jul 2014
52.222-37	Employment Reports on Veterans	Sep 2010
52.222-40	Notification of Employee Rights Under the National Labor Relations Act	Dec 2010
52.222-50	Combating Trafficking in Persons	Feb 2009
52.222-54	Employment Eligibility Verification <i>[MOD 0015]</i>	Aug 2013
52.223-2	Affirmative Procurement of Biobased Products Under Service and Construction FAR Contracts <i>[MOD 0015]</i>	Sep 2013
52.223-3	Hazardous Material Identification and Material Safety Data, Alternate I (Jul 1995) <i>(b) Nothing identified to date.</i>	Jan 1997
52.223-5	Pollution Prevention and Right-to-Know Information, Alternate I (May 2011)	May 2011
52.223-6	Drug Free Workplace <i>[MOD 0015]</i>	May 2001
52.223-10	Waste Reduction Program	May 2011
52.223-12	Refrigeration Equipment and Air Conditioners	May 1995
52.223-15	Energy Efficiency in Energy-Consuming Products	Dec 2007
52.223-16	IEEE 1680 Standard for Environmental Assessment of Personal Computer Products Alt I <i>[MOD 0015]</i>	Dec 2007
52.223-17	Affirmative Procurement of EPA-Designated Items in Service and Construction Contracts	May 2008
52.223-18	Encouraging Contractor Policies to Ban Text Messaging While Driving	Aug 2011
52.224-1	Privacy Act Notification	Apr 1984
52.224-2	Privacy Act	Apr 1984

FAR (48 CFR CHAPTER 1) CLAUSES
May 28, 2015

FAR NUMBER	CLAUSE TITLE <i>(Any insertions appear below the title in italics)</i>	DATE OF CLAUSE
52.225-1	Buy American Act—Supplies	Feb 2009
52.225-13	Restriction on Certain Foreign Purchases	Jun 2008
52.225-25	Affirmative Action Compliance Requirements for Construction <i>[MOD 0015]</i>	Feb 1999
52.226-1	Utilization of Indian Organizations and Indian-Owned Economic Enterprises	Jun 2000
52.227-10	Filing of Patent Applications -- Classified Subject Matter	Dec 2007
52.228-12	Prospective Subcontractor Requests for Bonds	Oct 1985
52.228-15	Performance and Payment Bonds - Construction <i>[MOD 0015]</i>	Oct 2010
52.229-8	Taxes -- Foreign Cost-Reimbursement Contracts <i>(a) Name of foreign government is 'the foreign country(ies) referenced in the applicable Work Authorization or as specified by the Contracting Officer'. Name of country is 'exempt under the laws of 'the Country(ies) referenced in the applicable Work Authorization or as specified by the Contracting Officer'.</i>	Mar 1990
52.230-2	Cost Accounting Standards <i>[MOD 0015]</i>	May 2012
52.230-6	Administration of Cost Accounting Standards	Jun 2010
52.232-17	Interest	Oct 2010
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)	July 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
52.236-5	Material and Workmanship	Apr 1984
52.236-7	Permits and Responsibilities	Nov 1991
52.236-18	Work Oversight in Cost-Reimbursement construction Contracts	Apr 1984
52.236-19	Organization and Direction of the Work	Apr 1984
52.236-24	Work Oversight in Architect-Engineer contracts	Apr 1984

FAR (48 CFR CHAPTER 1) CLAUSES
May 28, 2015

FAR NUMBER	CLAUSE TITLE <i>(Any insertions appear below the title in italics)</i>	DATE OF CLAUSE
52.236-25	Requirements for Registration of Designers <i>[MOD 0015]</i>	Jun 2003
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
52.244-2	Subcontracts <i>[MOD 0015]</i>	Oct-10
52.244-5	Competition in Subcontracting	Dec 1996
52.244-6	Subcontracts for Commercial Items <i>[MOD 0015]</i>	Dec 2013
52.247-1	Commercial Bill of Lading Notations <i>(a) Specific agency is ‘U.S. Department of Energy, National Nuclear Security Administration’.</i> <i>(b) Specific agency is ‘U.S. Department of Energy, National Nuclear Security Administration’. Contract No. is ‘DE-NA0001942’. Contact is ‘the Contracting Officer’.</i>	Feb 2006
52.247-63	Preference for U.S.-Flag Air Carriers	June 2003
52.247-64	Preference for Privately Owned U.S.-Flag Commercial Vessels	Feb 2006
52.249-6	Termination (Cost-Reimbursement)	May 2004
52.249-14	Excusable Delays	Apr 1984
52.251-1	Government Supply sources <i>[MOD 0015]</i>	Apr 2012
52.251-2	Interagency Fleet Management System Vehicles and Related Services	Jan 1991
52.253-1	Computer Generated Forms	Jan 1991

I-31 FAR 52.222-99 Establishing a Minimum Wage for Contractors (DEVIATION) [MOD 0034]

This clause implements Executive Order 13658, establishing a Minimum Wage for Contractors, dated February 12, 2014, and OMB Policy Memorandum M-14-09, implementation of the President's Executive Order establishing a minimum wage for contractors, dated June 12, 2014.

- (a) Each service employee, laborer, or mechanic employed in the United States (the 50 states and the District of Columbia) in the performance of this contract by the prime Contractor or any subcontractor, regardless of any contractual relationship which may be alleged to exist between the Contractor and service employee, laborer, or mechanic, shall be paid not less than the applicable minimum wage under Executive Order 13658. The minimum wage required to be paid to each service employee, laborer, or mechanic performing work on this contract between January 1, 2015, and December 31, 2015, shall be \$10.10 per hour.
- (b) The Contractor shall adjust the minimum wage paid under this contract each time the Secretary of Labor's annual determination of the applicable minimum wage under section 2(a)(ii) of Executive Order 13658 results in a higher minimum wage. Adjustments to the Executive Order minimum wage under section 2(a)(ii) of Executive Order 13658 will be effective for all service employees, laborers, or mechanics subject to the Executive Order beginning January 1 of the following year. The Secretary of Labor will publish annual determinations in the Federal Register no later than 90 days before such new wage is to take effect. The Secretary will also publish the applicable minimum wage on www.dol.gov (or any successor website). The applicable published minimum wage is incorporated by reference into this contract.
- (c) The Contracting Officer will adjust the contract price or contract unit price under this clause only for the increase in labor costs resulting from the annual inflation increases in the Executive Order 13658 minimum wage beginning on January 1, 2016. The Contracting Officer shall consider documentation as to the specific costs and workers impacted in determining the amount of the adjustment.
- (d) The Contracting Officer will not adjust the contract price under this clause for any costs other than those identified in paragraph (c) of this clause, and will not provide price adjustments under this clause that result in duplicate price adjustments with the respective clause of this contract implementing the Service Contract Labor Standards statute (formerly known as the Service Contract Act) or the Wage Rate Requirements (Construction) statute (formerly known as the Davis Bacon Act).
- (e) The Contractor shall include the substance of this clause, including this paragraph (e) in all subcontracts.

(End of clause)

SECTION J
APPENDIX N
LIST OF APPLICABLE DIRECTIVES

May 28, 2015

In addition to the list of applicable directives referenced below, the contractor shall also comply with supplementary directives (e.g., manuals), which are invoked by a Contractor Requirements Document (CRD) attached to a directive referenced below.

Reference Document	Title
AL56XB	Development and Production Manual
ASME NQA-1 2008, 2009 Addenda, 1b 2011	Quality Assurance Requirements for Nuclear Facility Application
Baseline Security Procedure for NNSA SAP (Applies to Y-12 Only)	Baseline Security Procedure for NNSA SAP
DOE-DTRA-TP 50-2	Procedures for the Use and Control of Logistics Material for Permissive Action Link (PAL) Equipped Weapons (U)
DOD TB 700-2	DOD Ammunition and Explosives Hazard Classification Procedures
DOE O 130.1	Budget Formulation
DOE M 140.1-1B	Interface with the Defense Nuclear Facilities Safety Board (DNFSB)
DOE O 142.2A Admin Chg 1	Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA
DOE M 142.2-1 Admin Chg 1	Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
DOE O 142.3A	Unclassified Foreign Visits and Assignment Program
DOE O 150.1A	Continuity Programs
DOE O 151.1C	Comprehensive Emergency Management System
DOE O 153.1	Radiological Emergency Response Assets
DOE O 200.1A	Information Technology Management
DOE O 205.1B Chg 3	Department of Energy Cyber Security Program
DOE M 205.1-3 Admin Chg 1	Telecommunication Security Manual
DOE O 206.1	Department of Energy Privacy Program
DOE O 206.2	Identity, Credential, and Access Management (ICAM)
DOE O 210.2A	DOE Corporate Operating Experience Program
DOE O 221.1A	Reporting Fraud, Waste and Abuse to the Office of Inspector General
DOE O 221.2A	Cooperation with the Office of Inspector General
DOE O 225.1B	Accident Investigations
DOE O 226.1B	Implementation of Department of Energy Oversight Policy

Reference Document	Title
DOE O 227.1	Independent Oversight Program
DOE O 231.1B Admin Chg 1	Environment, Safety and Health Reporting
DOE O 232.2 Admin Chg 1	Occurrence Reporting and Processing of Operations Information
DOE O 241.1B	Scientific and Technical Information Management
DOE O 243.1B Admin Chg 1	Records Management Program
DOE O 252.1A Admin Chg 1	Technical Standards Program
DOE O 341.1A	Federal Employee Health Services
DOE O 350.2B	Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, DC Area
DOE O 410.2 Admin Chg 1	Management of Nuclear Materials
DOE O 412.1A, Admin Chg 1	Work Authorization System
DOE O 413.1B	Internal Control Program
DOE O 413.3B	Program and Project Management for the Acquisition of Capital Assets
DOE O 414.1D Admin Chg 1	Quality Assurance
DOE O 415.1 Admin Chg 1	Information Technology Project Management
DOE O 420.1C	Facility Safety
DOE G 420.1-1A	Nonreactor Nuclear Safety Design Guide for use with DOE O 420.1C Facility Safety
DOE O 422.1 Admin Chg 2	Conduct of Operations
DOE O 425.1D Admin Chg 1	Verification of Readiness to Start Up or Restart Nuclear Facilities
DOE O 426.2 Admin Chg 1	Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities
DOE O 430.1B Admin Chg 2	Real Property and Asset Management
DOE O 433.1B Admin Chg 1	Maintenance Management Program for DOE Nuclear Facilities
DOE O 435.1 Chg 1	Radioactive Waste Management
DOE M 435.1-1 Admin Chg 2	Radioactive Waste Management Manual
DOE N 435.1	Contact-Handled and Remote-Handled Transuranic Waste Packaging
DOE O 436.1	Departmental Sustainability
DOE O 440.2C Admin Chg 1	Aviation Management and Safety
DOE M 441.1-1	Nuclear Material Packaging Manual
DOE O 442.1A	Department of Energy Employee Concerns Program
DOE O 442.2	Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns

Reference Document	Title
DOE O 443.1B	Protection of Human Research Subjects
DOE O 452.1E	Nuclear Explosive and Weapon Surety Program
DOE O 452.2D Admin Chg 1	Nuclear Explosive Safety
DOE M 452.2-1A Admin Chg 1	Nuclear Explosive Safety Manual
DOE O 452.3	Management of DOE Nuclear Weapons Complex
DOE O 452.4B	Security and Use Control of Nuclear Explosives and Nuclear Weapons
DOE O 452.7	Protection of Use Control Vulnerabilities and Designs
DOE O 452.8	Control of Nuclear Weapon Data
DOE O 457.1A	Nuclear Counterterrorism
DOE O 458.1 Admin Chg 3	Radiation Protection of the Public and the Environment
DOE O 460.1C	Packaging and Transportation Safety
DOE O 460.2A	Departmental Materials Transportation and Packaging Management
DOE M 460.2-1A	Radioactive Material Transportation Practices Manual
DOE O 461.1B	Packaging and Transportation for Offsite Shipment of Materials of National Security Interest
DOE O 461.2	Onsite Packaging and Transfer of Materials of National Security Interest
DOE O 462.1 Admin Chg 1	Import and Export of Category 1 and 2 Radioactive Sources and Aggregate Quantities
DOE O 470.3B	Graded Security Protection (GSP) Policy
DOE O 470.4B Admin Chg 1	Safeguards and Security Program
DOE O 470.5	Insider Threat Program
DOE O 471.1B	Identification and Protection of Unclassified Controlled Nuclear Information
DOE O 471.3 Admin Chg 1	Identifying and Protecting Official Use Only Information
DOE M 471.3-1 Admin Chg 1	Manual for Identifying and Protecting Official Use Only Information
DOE O 471.5	Special Access Programs
DOE O 471.6 Admin Chg 1	Information Security
DOE O 472.2 Chg 1	Personnel Security
DOE O 473.3	Protection Program Operations
DOE O 474.2 Admin Chg 2	Nuclear Material Control and Accountability
DOE O 475.1	Counterintelligence Program
DOE O 475.2A	Identifying Classified Information
DOE M 481.1-1A Chg 1	Reimbursable Work for Non-Federal Sponsors Process Manual
DOE O 483.1A	DOE Cooperative Research and Development Agreements

Reference Document	Title
DOE O 484.1, Admin Chg 2	Reimbursable Work for the Department of Homeland Security
DOE O 522.1A, Admin Chg 1	Travel Policy and Procedures
DOE O 534.1B	Accounting
DOE O 551.1D	Official Foreign Travel
DOE O 580.1	Department of Energy Personal Property Management Program
DOE O 5639.8A	Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities
DOE-STD-1020-2012	DOE Standard – Natural Phenomena Hazard Analysis and Design Criteria for Department of Energy Facilities
DOE-STD-1027-1992, Chg Notice 1	DOE Standard – Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports
DOE- STD-1066-2012	DOE Standard – Fire Protection
DOE-STD-1070-94 (Reaffirmed July 2014)	DOE Standard – Criteria for Evaluation of Nuclear Facility Training Programs
DOE-STD-1073-2003	DOE Standard – Configuration Management Program
DOE-STD-1090-2011	DOE Standard - Hoisting and Rigging
DOE-HDBK-1092-2013	DOE Handbook - Electrical Safety
DOE-STD-1186-2004	DOE Standard - Specific Administrative Controls
DOE-STD-1189-2008	DOE Standard – Integration of Safety into the Design Process
DOE-STD-1195-2011	DOE Standard – Design of Safety Significant Safety Instrumented Systems Used at DOE Non-Reactor Nuclear Facilities
DOE-STD-1212-2012	DOE Standard - Explosives Safety
DOE-STD-3007-2007	DOE Standard – Guidelines for Preparing Criticality Safety Evaluations of Department of Energy Non-Reactor Nuclear Facilities
DOE-STD-3009-1994	DOE Standard – Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Documented Safety Analyses
DOE-NA-STD-3016-2006	DOE Limited Standard – Hazard Analysis Reports for Nuclear Explosive Operations
DOE-STD-3020-2005	DOE Standard - Specification for HEPA Filters Used by DOE Contractors
DOE-STD-3024-2011	DOE Standard – Content of System Design Descriptions
DOE-STD-3025-2007	DOE Standard – Quality Assurance Inspection and Testing of HEPA Filters
DOE Technical Manual DOE-SNL-TYPEBARG-REV2-CHNG0	Procedures for Type-A, Type-B, ARG, and Miscellaneous Containers Transported in Safeguards Transporter
EP-401075 Issue D	Electrical Testers for Nuclear Explosives
Executive Order 11514	Protection and Enhancement of Environmental Quality
Executive Order 11988	Floodplain Management

Reference Document	Title
Executive Order 11990	Protection of Wetlands
Executive Order 12333	U. S. Intelligence Activities
Executive Order 12898	Environmental Justice
Executive Order 13186	Responsibilities of Federal Agencies to Protect Migratory Birds
Executive Order 13423	Strengthening Federal Environmental, Energy, and Transportation Management
Executive Order 13513	Federal Leadership on Reducing Text Messaging While Driving
Executive Order 13556	Controlled Unclassified Information
Joint DOE/DoD Technical Publication 45-51B	Transportation of Nuclear Weapons Material
NFPA Codes and Standards	NFPA Codes and Standards
NHPA CRMP (September 2013)	Comprehensive Cultural Resource Management Plan for Pantex
NNSA BOP 001.311	NNSA Budget Validation Process
NNSA BOP 001.5	Management & Operating Contractor Employment Reporting
NNSA BOP 06.01, Admin Chg 1	Value Management
NNSA Policy Letter: NAP-14.1-C, Chapter VII	NNSA Baseline Cyber Security Program
NNSA Policy Letter: NAP-14.1-D	Baseline Cyber Security Program
NNSA Policy Letter: NAP-14.3-B	Transmission of Restricted Data over Secret Internet Protocol Router Network (SIPRNet)
NNSA Policy Letter: NAP-21	Transformational Governance and Oversight
NNSA Policy Letter: NAP-23, Admin Chg 1	Atomic Energy Act Control of Import and Export Activities
NNSA Policy Letter: NAP-24 Atomic Energy Act Control of Import and Export Activities	DOE/NNSA Weapon Quality Policy
NNSA Policy Letter: NAP-25, Admin Chg 1	Management and Operating Contractor Business Meals and Light Refreshment
NPO Procedure - NPO-SD-3.4.3 (Applies to Pantex Only)	Conducting Readiness Reviews of Hazardous Non-Nuclear Facilities and Activities
NNSA Quality Plan 100-1 (QP-100) – The 1985 US/UK Mutual Defense Agreement, as Amended	Quality Plan 100-1
NNSA Supplemental Directive - NA-1 SD 226.1A	Line Oversight and Contractor Assurance System Supplemental Directive
NNSA Supplemental Directive - NA SD O 350.1	Management and Operating Contractor Service Credit Recognition
NNSA Supplemental Directive - NA SD 350.2 Rev	Use of M&O Contractor Employees for Services to the NNSA in the Washington DC Area
NNSA Supplemental Directive - NNSA SD 452.2	Nuclear Explosive Safety Evaluation Processes

Reference Document	Title
NNSA Supplemental Directive - NA SD M 452.3-1	Defense Programs Business Requirements and Processes Manual
NNSA Supplemental Directive - NNSA SD 473.3	Enterprise Mission Essential Task List-based Protective Force Training Program
NNSA Supplemental Directive - NNSA SD G 1027, Admin Chg 1	Guidance on Using Release Fraction and Modern Dosimetric Information Consistently with DOE STD 1027-92, Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, "Nuclear Safety Analysis Reports, Change Notice No. 1
ORR PCB FFCA	Oak Ridge Reservation Polychlorinated Biphenyl Federal Facilities Compliance Agreement
PSLM	Primary Standards Lab Memo
Requirements Modernization and Integration (RMI) Project Approved Federal Requirements (For additional implementing information on NNSA directives, visit the <i>RMI Explorer Portal</i> @ https://rmi.sandia.gov/Pages/Home.aspx)	R001, Issue C1: Product Realization R002, Issue B4: RMI System Management R003, Issue B1: Product Definition Control R006, Issue C1: 6.X Process R007, Issue A4: DSW Program Funding Within PPBE Process R008, Issue A3: Portfolio-Program-Project Management R009, Issue A4: Risk and Opportunity Management R010, Issue A4: Enterprise Need to Know R012, Issue A6: Requirements Engineering

Reference Document	Title
Technical Business Practice (TBP) Infrastructure Business Practices (IBPs) TBP-PRP, Issue F: Product Realization Process TBP-000, Issue F: Program Management TBP-001, Issue C: Major Assembly Release System TBP-101, Issue J: Engineering Evaluation Process TBP-200, Issue F: 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-305, Issue D: Configuration of Type Weapons TBP-306, Issue F: Software Product Processes TBP-307, Issue E: Use of Mechanical Models in the Product Realization Process TBP-308, Issue A: Computer-Aided Design Process for Electrical Products IBP-401, Issue A: Product Definition Exchange Process TBP-402, Issue G: Product Control TBP-404, Issue G: Engineering Authorization System IBP-404, Issue C: Engineering Authorization System TBP-500, Issue D: Records Management TBP-700, Issue F: Product Acceptance and Control of Nonconformance TBP-701, Issue E: Acceptance Equipment Interfaces TBP-702, Issue G: Nonconforming Material TBP-703, Issue D: Product Reprocessing and Reworking TBP-704, Issue D: Evaluation and Disposition of Discrepant Weapon Material TBP-800, Issue G: Stockpile Management TBP-801, Issue E: Laboratory and Flight Test Material TBP-803, Issue G: 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	Technical Business Practice (TBP) Infrastructure Business Practices (IBPs)
RM 257945	AL-R8 Pit Matrix Requirements
YSO-CRD-03-01 (Applies to Y-12 Only)	Startup and Restart of Operations, Activities, and Facilities at Y-12 including Safety Basis Document Implementation (Applicable until such time that decision on incorporating into NPO-SD-3.4.3 is decided.)
YSO-CRD-09-01 (Applies to Y-12 Only)	Projects Contractor Requirements Document (CRD)

(A) Implementation of applicable directives.

- (1) The Contractor shall submit an implementation plan to the Contracting Officer when required by the directive or other instruction of the Contracting Officer and within 60 days of the effective date of the Contract or acceptance of the directive after the effective date of the Contract.
- (2) The Contracting Officer will approve or disapprove the plan and notify the Contractor of the decision. If the Contracting Officer disapproves the plan, he/she shall clearly identify all deficiencies and provide reasonable suggestions for making the plan acceptable. Within 30 days after notification of the disapproval of a plan, the Contractor shall submit to the Contracting Officer the revised plan for approval as described above.
- (3) During the process of implementation, the Contractor will notify the Contracting Officer if modifications to the plan are required for any reason. The Contracting Officer will consider all such requests and will not unreasonably withhold his/her approval to modify such plans when circumstances warrant modification.

- End of Appendix -