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|---|------------------------------------|---|---|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |                                    | 1. CONTRACT ID CODE   | PAGE OF PAGES<br>1   3                                  |
| 2. AMENDMENT/MODIFICATION NO.<br>0238   | 3. EFFECTIVE DATE<br>See Block 16C | 4. REQUISITION/PURCHASE REQ. NO.  | 5. PROJECT NO. (If applicable)                          |
| 6. ISSUED BY<br>NNSA M&O Contracting Branch<br>NA-APM-131<br>Albuquerque Complex<br>P.O. Box 5400<br>Albuquerque NM 87185-5400  | CODE<br>892332                     | 7. ADMINISTERED BY (If other than Item 6)<br>NNSA Production OFC<br>NA-NPO<br>P.O. Box 2050<br>Oak Ridge TN 37830 | CODE<br>05047   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br>Consolidated Nuclear Security, LLC<br>Attn: WILLIE WILSON<br>PO Box 2009<br>Oak Ridge TN 37830 |                                    | (x)   | 9A. AMENDMENT OF SOLICITATION NO.                       |
| CODE 078390708  |                                    |   | 9B. DATED (SEE ITEM 11)                                 |
| FACILITY CODE   |                                    | x   | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>DE-NA0001942 |
|   |                                    |   | 10B. DATED (SEE ITEM 13)<br>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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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)

**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 data, 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)<br>DEAR 970.5204-2 LAWS, REGULATIONS, AND DOE DIRECTIVES (DEC 2000) (CLASS DEVIATION) AND E.O. 14042  |

**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 incorporate FAR 52.223-99 Ensuring Adequate COVID-19 Safety Protocols for Federal Contractors (OCT 2021) (DEVIATION) and DOE Order 350.5 COVID Safety Protocols for Federal Contractors to Section J, Appendix N

**Payment:**

OR for Oak Ridge/OSTI  
U.S. Department of Energy  
Oak Ridge Office  
Oak Ridge Financial Service Center  
P.O. Box 6017  
Oak Ridge TN 37831

Period of Performance: 07/01/2014 to 03/31/2022

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)<br>Raymond E. Cruz, Jr.                                    |                                |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br> | 16C. DATE SIGNED<br>10/14/2021 |

## 1. PURPOSE

The purpose of this modification is to add Clause I-34 *FAR 52.223-99 Ensuring Adequate COVID-19 Safety Protocols for Federal Contractors (OCT 2021)(DEVIATION) and Department of Energy (DOE) Order 350.5 COVID Safety Protocols for Federal Contractors to Section J, Appendix N, List of Applicable Directives* to implement Executive Order 14042, *Ensuring Adequate COVID Safety Protocols for Federal Contractors*.

## 2. CHANGES TO THE CONTRACT: The changes to the contract are as follows:

- a. PART II - CONTRACT CLAUSES, SECTION I – CONTRACT CLAUSES, clause I-34 is hereby added as follows:

### **I-34 FAR 52.223-99 ENSURING ADEQUATE COVID-19 SAFETY PROTOCOLS FOR FEDERAL CONTRACTORS (OCT 2021) (DEVIATION)**

- (a) *Definition.* As used in this clause -

*United States or its outlying areas* means—

- (1) The fifty States;
- (2) The District of Columbia;
- (3) The commonwealths of Puerto Rico and the Northern Mariana Islands;
- (4) The territories of American Samoa, Guam, and the United States Virgin Islands;  
and
- (5) The minor outlying islands of Baker Island, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Palmyra Atoll, and Wake Atoll.

- (b) *Authority.* This clause implements Executive Order 14042, *Ensuring Adequate COVID Safety Protocols for Federal Contractors*, dated September 9, 2021 (published in the Federal Register on September 14, 2021, 86 FR 50985).

- (c) *Compliance.* The Contractor shall comply with all guidance, including guidance conveyed through Frequently Asked Questions, as amended during the performance of this contract, for contractor workplace locations published by the Safer Federal Workforce Task Force (Task Force Guidance) at [https://www.saferfederalworkforce.gov/downloads/Draft%20contractor%20guidance%20doc\\_20210922.pdf](https://www.saferfederalworkforce.gov/downloads/Draft%20contractor%20guidance%20doc_20210922.pdf).

- (d) *Subcontracts.* The Contractor shall include the substance of this clause, including this paragraph (d), in subcontracts at any tier that exceed the simplified acquisition threshold, as defined in Federal Acquisition Regulation 2.101 on the date of subcontract award, and are for services, including construction, performed in whole or in part within the United States or its outlying areas.

(End of Clause)

- b. PART III - LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS. Attachment J, Appendix N is replaced in its entirety with the attached.

## SECTION J

### APPENDIX N

OCTOBER 2021

### LIST OF APPLICABLE DIRECTIVES

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.

| <b>Reference Document</b>  | <b>Title</b>  | <b>Mod</b> | <b>Effective Date (Contracting Officer Direction Date) and Relevant Notes</b>   |
|--|---|------------|---|
| AL 56XB  | 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<br>(Applies to Y-12 Only) | Baseline Security Procedure for NNSA SAP  |            |   |
| CJCSI 3260.01F   | Joint Policy Governing Positive Control Material and Coded Control Devices  | 0221       | Effective 1/12/21   |
| DOE-DTRA TP 50-2   | Procedures for the Use and Control of Logistics Material for Permissive Action Link (PAL) Equipped Weapons (U)                            | 0178       | Effective 6/27/19<br>Document version dated 9/27/18   |
| DoD TB 700-2   | DoD Ammunition and Explosives Hazard Classification Procedures  | 0015       | Effective 7/2/14*   |
| DOE O 130.1  | Budget Formulation  |            |   |
| DOE O 140.1A   | Interface with the Defense Nuclear Facilities Safety Board (DNFSB)  | 0210       | Effective 8/15/20   |
| DOE O 142.2A Admin Chg 1   | Voluntary Offer Safeguards Agreement and Additional Protocol with the IAEA  | 0015       | Effective 7/2/14*   |
| 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 | 0015       | Effective 7/2/14*   |
| DOE O 142.3B   | Unclassified Foreign National Access Program  | 0229       | Effective 3/25/21   |
| DOE O 150.1A   | Continuity Programs   | 0034       | Effective 1/15/15   |
| DOE O 151.1D Chg 1   | Comprehensive Emergency Management System   | 0189       | Effective 11/13/19  |
| DOE O 153.1  | Departmental Radiological Emergency Response Assets   |            |   |
| DOE O 200.1A Chg 1   | Information Technology Management   | 0111       | Effective 4/24/17   |
| DOE O 205.1C   | Department of Energy Cyber Security Program   | 0178       | Effective 8/19/19<br>Implementation Plan approved 4/7/20  |
| DOE O 206.1 Chg 1  | DOE Privacy Program   | 0166       | Effective 1/3/19<br>Supplemental Guidance on Response and Notification Procedures for Data Breaches Involving Personally Identifiable Information dated 10/16/17<br>Effective 8/30/18 |

|                           |  |             |                             |
|---------------------------|--|-------------|-----------------------------|
| DOE O 206.2               | Identity, Credential, and Access Management (ICAM)   | 0015        | Effective 7/2/14*           |
| DOE O 210.2A              | DOE Corporate Operating Experience Program   |             |                             |
| DOE O 221.1B              | Reporting Fraud, Waste and Abuse to Office of Inspector General  | 0094        | Effective 1/12/17           |
| 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  |             |                             |
| DOE O 227.1A              | Independent Oversight Program  | 0094        | Effective 4/8/16            |
| DOE O 231.1B Admin Chg 1  | Environment, Safety and Health Reporting   | 0015        | Effective 7/2/14*           |
| DOE O 232.2A Chg 1        | Occurrence Reporting and Processing of Operations Information  | 0189        | Effective 11/14/19          |
| DOE O 241.1B Admin Chg 1  | Scientific and Technical Information Management  | 0094        | Effective 5/24/16           |
| DOE O 243.1B Admin Chg 1  | Records Management Program   |             |                             |
| DOE O 252.1A Admin Chg 1  | Technical Standards Program  | 0015        | Effective 7/2/14*           |
| DOE O 341.1A              | Federal Employee Health Services   |             |                             |
| <b>DOE O 350.5</b>        | <b>COVID Safety Protocols for Federal Contractors</b>  | <b>0238</b> | <b>Effective 10/12/2021</b> |
| DOE O 410.2 Admin Chg 1   | Management of Nuclear Materials  | 0015        | Effective 7/2/14*           |
| DOE O 411.2               | Scientific Integrity   | 0101        | Effective 3/22/17           |
| DOE O 412.1A Admin Chg 1  | Work Authorization System  | 0034        | Effective 1/13/15           |
| DOE O 413.3B Chg 6        | Program and Project Management for the Acquisition of Capital Assets                                   | 0229        | Effective 3/18/21           |
| DOE O 414.1D Admin Chg 2  | Quality Assurance  | 0210        | Effective 10/23/20          |
| DOE O 415.1 Chg 2         | Information Technology Project Management  | 0111        | Effective 4/17/17           |
| DOE O 420.1C Chg 3        | Facility Safety  | 0189        | Effective 12/19/19          |
| DOE G 420.1-1A            | Nonreactor Nuclear Safety Design Guide for use with DOE O 420.1C Facility Safety                       | 0015        | Effective 7/2/14*           |
| DOE O 422.1 Chg 3         | Conduct of Operations  | 0189        | Effective 12/19/19          |
| DOE O 425.1D Chg 2        | Verification of Readiness to Start Up or Restart Nuclear Facilities                                    | 0189        | Effective 11/26/19          |
| DOE O 426.2 Admin Chg 1   | Personnel Selection, Training, Qualification and Certification Requirements for DOE Nuclear Facilities | 0015        | Effective 7/2/14*           |
| DOE O 433.1B Admin Chg 1  | Maintenance Management Program for DOE Nuclear Facilities  | 0015        | Effective 7/2/14*           |
| DOE O 435.1 Chg 2         | Radioactive Waste Management   | 0229        | Effective 2/26/21           |
| DOE M 435.1-1 Chg 3       | Radioactive Waste Management Manual  | 0229        | Effective 3/11/21           |
| DOE N 435.1               | Contact-Handled and Remote-Handled Transuranic Waste Packaging   |             |                             |
| DOE O 436.1               | Departmental Sustainability  |             |                             |
| DOE O 437.1               | Bridge and Tunnel Management   | 0229        | Effective 3/10/21           |
| DOE O 440.2C Chg 2        | Aviation Management and Safety   | 0221        | Effective 12/23/20          |
| DOE M 441.1-1 Admin Chg 1 | Nuclear Material Packaging Manual  | 0094        | Effective 3/22/16           |
| DOE O 442.1B              | Department of Energy Employee Concerns Program   | 0171        | Effective 4/11/19           |



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| DOE O 442.2 Chg 1         | Differing Professional Opinions for Technical Issues Involving Environmental, Safety, and Health Technical Concerns | 0094 | Effective 1/17/17   |
| DOE O 443.1C              | Protection of Human Research Subjects   | 0210 | Effective 9/6/20  |
| DOE O 452.1E              | Nuclear Explosive and Weapon Surety Program   | 0045 | Effective 5/26/15   |
| DOE O 452.2F              | Nuclear Explosive Safety  | 0229 | Effective 12/3/20<br>Implementation Plan approved 2/8/21    |
| DOE O 452.3               | Management of DOE Nuclear Weapons Complex   |      |   |
| DOE O 452.4C              | Security and Use Control of Nuclear Explosives and Nuclear Weapons  | 0094 | Effective 4/7/16  |
| DOE O 452.7 Chg 1         | Protection of Use Control Vulnerabilities and Designs   | 0210 | Effective 7/11/20   |
| DOE O 452.8               | Control of Nuclear Weapon Data  |      |   |
| DOE O 457.1A              | Nuclear Counterterrorism  | 0015 | Effective 7/2/14*   |
| DOE O 458.1 Admin Chg 4   | Radiation Protection of the Public and the Environment  | 0210 | Effective 10/23/20  |
| DOE O 460.1D              | Hazardous Materials Packaging and Transportation Safety   | 0111 | Effective 4/26/17   |
| DOE O 460.2A              | Departmental Materials Transportation and Packaging Management  |      |   |
| DOE M 460.2-1A            | Radioactive Material Transportation Practices Manual  | 0015 | Effective 7/2/14*   |
| DOE O 461.1C Chg 1        | Packaging and Transportation for Offsite Shipment of Materials of National Security Interest                        | 0221 | Effective 12/9/20   |
| 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                                  | 0015 | Effective 7/2/14*   |
| DOE O 470.3C Chg 1        | Design Basis Threat (DBT)   | 0229 | Effective 12/23/20<br>Implementation Plan approved 2/3/21   |
| DOE O 470.4B Chg 2        | Safeguards and Security Program   | 0111 | Effective 4/17/17   |
| DOE O 470.5               | Insider Threat Program  | 0034 | Effective 1/6/15  |
| DOE O 470.6 Chg 1         | Technical Security Program  | 0140 | Effective 5/15/18<br>Implementation Plan approved 4/25/19   |
| NNSA ACD 470.6            | Use of Mobile Devices within National Nuclear Security Administration Secure Spaces                                 | 0221 | Effective 11/15/19<br>Implementation Plan approved 10/23/20 |
| 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   | 0015 | Effective 7/2/14*   |
| DOE O 471.5               | Special Access Programs   |      |   |
| DOE O 471.6 Admin Chg 3   | Information Security  | 0189 | Effective 10/29/19  |

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| DOE O 472.2 Chg 2                        | Personnel Security  | 0221 | Effective 1/12/15<br>Chg 1 and Chg 2 (PgChg) were updated in the DOE Directives Management System on the same date. No change in requirements.   |
| DOE O 473.3A Chg 1                       | Protection Program Operations   | 0151 | Effective 9/13/18  |
| DOE O 474.2 Admin Chg 4                  | Nuclear Material Control and Accountability   | 0094 | Effective 1/17/17  |
| DOE O 475.1                              | Counterintelligence Program   |      |  |
| DOE O 475.2B                             | Identifying Classified Information  | 0045 | Effective 5/29/15  |
| DOE O 483.1B Chg 2                       | DOE Cooperative Research and Development Agreements   | 0189 | Effective 1/14/20  |
| DOE O 484.1 Admin Chg 2                  | Reimbursable Work for the Department of Homeland Security                                       | 0034 | Effective 4/7/15   |
| DOE O 486.1A                             | Foreign Government Sponsored or Affiliated Activities   | 0221 | Effective 9/29/20<br>Administrative change to Title  |
| DOE O 520.1B                             | Financial Management and Chief Financial Officer Responsibilities                               | 0229 | Effective 2/25/21  |
| DOE O 522.1A                             | Pricing of Departmental Materials and Services  | 0166 | Effective 10/26/18   |
| DOE O 550.1 Chg 1                        | Official Travel   | 0210 | Effective 1/14/20<br>Subject to the understandings set forth in letter dated 2/18/20   |
| DOE O 5639.8A                            | Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities |      |  |
| DOE-STD-1020-2016                        | DOE Standard – Natural Phenomena Hazards Analysis and Design Criteria for DOE Facilities        | 0117 | Effective 8/24/17  |
| DOE-STD-1027-2018 Chg Notice 1           | DOE Standard – Hazard Categorization of DOE Nuclear Facilities                                  | 0171 | Effective 3/4/19   |
| DOE-STD-1066-2016                        | DOE Standard – Fire Protection  | 0117 | Effective 9/12/17  |
| DOE-STD-1070-1994 (Reaffirmed July 2014) | DOE Standard – Guidelines for Evaluation of Nuclear Facility Training Programs                  | 0034 | Effective 1/15/15  |
| DOE-STD-1073-2016                        | DOE Standard – Configuration Management   | 0117 | Effective 7/26/17  |
| DOE-STD-1090-2020                        | DOE Standard – Hoisting and Rigging   | 0210 | Effective 9/8/20   |
| DOE-STD-1186-2004                        | DOE Standard – Specific Administrative Controls   | 0117 | Effective 8/31/17<br>Existing nuclear facilities that are subject to DOE-STD-3009-94 (Change Notice 3) may utilize DOE-STD-1186-2004 or DOE-STD-1186-2016 for revisions to or extension of applicability of existing SACs. |
| DOE-STD-1186-2016                        | DOE Standard- Specific Administrative Controls  | 0117 | Effective 8/31/17<br>Use DOE-STD-1186-2016 for the creation of new SACs on projects or upgrades initiated after 1/1/18. DOE-STD-1186-2016 must be utilized with all DSAs that invoke DOE-STD-3009-2014.                    |
| DOE-STD-1189-2016                        | DOE Standard – Integration of Safety into the Design Process                                    | 0117 | Effective 7/25/17  |



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| DOE-STD-1195-2011                                       | DOE Standard –Design of Safety Significant Safety Instrumented Systems Used at DOE Nonreactor Nuclear Facilities      | 0015 | Effective 7/2/14*  |
| DOE-STD-1212-2019                                       | DOE Standard – Explosives Safety  | 0210 | Effective 8/31/20  |
| DOE-STD-1225-2017                                       | DOE Standard – DOE Canine Performance Testing Protocol Standard (OUO)   | 0140 | Effective 3/14/18  |
| DOE-STD-3007-2017                                       | DOE Standard –Preparing Criticality Safety Evaluations at Department of Energy Nonreactor Nuclear Facilities          | 0140 | Effective 3/8/18   |
| DOE-STD-3009-94   | DOE Standard – Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Documented Safety Analysis | 0015 | Effective 7/2/14*<br>Effective 5/11/17 (Mod 0111) Applies to existing facilities except where DOE-STD-3009-2014 applies.   |
| DOE-STD-3009-2014                                       | DOE Standard – Preparation of Nonreactor Nuclear Facility Documented Safety Analysis                                  | 0111 | Effective 5/11/17<br>Applies to new non-reactor nuclear facilities and major modifications to existing non-reactor nuclear facilities (initiated after the effective date) per DOE O 420.1C. |
| DOE-STD-3013-2018                                       | Stabilization, Packaging and Storage of Plutonium-Bearing Materials   | 0171 | Effective 3/11/19  |
| DOE-NA-STD-3016-2018                                    | DOE Limited Standard – Hazard Analysis Reports for Nuclear Explosive Operations                                       | 0171 | Effective 2/27/19  |
| DOE-STD-3020-2015                                       | DOE Standard – Specification for HEPA Filters Used by DOE Contractors   | 0101 | Effective 2/6/17   |
| DOE-STD-3024-2011                                       | DOE Standard – Content of System Design Descriptions  | 0015 | Effective 7/2/14*  |
| DOE-STD-3025-2007                                       | DOE Standard – Quality Assurance Inspection and Testing of HEPA Filters   | 0015 | Effective 7/2/14*  |
| DOE Technical Manual<br>DOE-SNL-TYPEBARG-REV3-<br>CHNG0 | Tiedown Procedures for Type-A, Type-B, ARG, and Miscellaneous Containers Transported in Safeguards Transporter        | 0140 | Effective 4/24/18  |
| EP-401075 Issue E                                       | Electrical Testers for Nuclear Explosives   | 0189 | Effective 1/22/20  |
| Executive Order (EO) 11514<br>as amended by EO 11991    | Protection and Enhancement of Environmental Quality   | 0221 | Effective 7/2/14*<br>Added amended EO to Reference Document  |
| Executive Order 11988                                   | Floodplain Management   | 0015 | Effective 7/2/14*  |
| Executive Order 11990                                   | Protection of Wetlands  | 0015 | Effective 7/2/14*  |
| Executive Order 12333                                   | U. S. Intelligence Activities   | 0015 | Effective 7/2/14*  |
| Executive Order 12898                                   | Environmental Justice   | 0015 | Effective 7/2/14*  |
| Executive Order 13186                                   | Responsibilities of Federal Agencies to Protect Migratory Birds   | 0015 | Effective 7/2/14*  |
| Executive Order 13513                                   | Federal Leadership on Reducing Text Messaging While Driving   | 0015 | Effective 7/2/14*  |
| Executive Order 13556                                   | Controlled Unclassified Information   |      |  |
| Joint DOE/DoD Technical<br>Publication 45-51B           | Transportation of Nuclear Weapons Material  | 0034 | Effective 5/28/15<br>(Reference Document Change)   |
| NA-10 WQAPM   | Weapon Quality Assurance Procedures Manual  | 0034 | See NAP-24A comments   |
| NFPA Codes and Standards                                | NFPA Codes and Standards  |      |  |
| NHPA CRMP (April 2004)                                  | Pantex Plant Cultural Resource Management Plan  | 0094 | Effective 5/29/15  |
| NNSA BOP 001.311  | NNSA Budget Validation Process  |      |  |

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| NNSA BOP 413.1 Admin Chg<br>(formerly BOP 06.01 Admin Chg 1)                  | Value Management (VM)  | 0189 | Effective 5/28/15<br>(Reference Document Change Only)<br>Effective 1/22/20<br>(Converted to new directives numbering system in accordance with NNSA SD 251.1A, Directives Management)   |
| NNSA Policy Letter: NAP 476.1<br>Admin Chg 1 (formerly NAP-23<br>Admin Chg 1) | Atomic Energy Act Control of Import<br>and Export Activities   | 0189 | Effective 5/26/15<br>Effective 1/22/20<br>(Converted to new directives numbering system in accordance with NNSA SD 251.1A, Directives Management)   |
| NNSA Policy Letter: NAP 401.1<br>(formerly NAP-24A)                           | Weapon Quality Policy  | 0189 | G&C 2017-001 & 2017-002<br>Effective 5/2/18<br>G&C 2018-001 & 2018-002<br>Effective 9/4/18<br>Implementation Plan approved 9/4/18<br>Effective 1/22/20<br>(Converted to new directives numbering system in accordance with NNSA SD 251.1A, Directives Management)   |
| NNSA Policy Letter: NAP 520.1<br>Admin Chg 1 (formerly NAP-25<br>Admin Chg 1) | Management and Operating Contractor<br>Business Meals and Light Refreshments   | 0189 | Effective 7/2/14*<br>Effective 1/22/20<br>(Converted to new directives numbering system in accordance with NNSA SD 251.1A, Directives Management)   |
| NNSA Policy Letter: NAP 540.2<br>(formerly NAP-31)                            | NNSA M&O Off-Site Extended Duty<br>Assignments   | 0189 | Effective 1/18/17<br>DOE AL 2018-08<br>Effective 7/12/18<br>Effective 1/22/20<br>(Converted to new directives numbering system in accordance with NNSA SD 251.1A, Directives Management)  |
| NNSA Policy Letter: NAP-220.1   | Internal Affairs Program   | 0151 | Effective 7/26/18   |
| NNSA Policy Letter: NAP-412.1   | Financial Integration  | 0171 | Effective 6/11/19   |
| NNSA Policy Letter: NAP-413.1   | Data Collection for Cost Estimating  | 0178 | Effective 8/1/19  |
| NPO Procedure – NPO-SD 3.4.3<br>(Applies to Pantex Only)                      | Conducting Readiness Reviews of<br>Hazardous Non-Nuclear Facilities and<br>Activities  | 0015 | Effective 7/2/14*   |
| Quality Plan No. 100-1, Amendment<br>4  | Application of Quality Requirements to<br>UK and US Procurement Contracts and<br>Loan Authorizations for Research,<br>Design & Development | 0221 | Revised name of Reference Document<br>and Title   |
| NNSA Supplemental Directive –<br>NNSA SD 205.1                                | Baseline Cybersecurity Program   | 0178 | Effective 4/19/18<br>Applicable Binding Operational<br>Directives (BOD)<br>ED 19-01 (Effective 8/19/19)<br>BOD 19-02 (Effective 8/19/19)<br>BOD 18-02 (Effective 8/19/19)<br>BOD 18-01 (Effective 8/19/19)<br>BOD 17-01 (Effective 8/19/19)<br>BOD 16-03 (Effective 8/19/19)<br>BOD 16-02 (Effective 8/19/19) |

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| NNSA Supplemental Directive – NNSA SD 206.1                                     | Privacy Program   | 0166 | Effective 1/16/19  |
| NNSA Supplemental Directive NNSA SD 206.2                                       | Implementation of Personal Identity Verification for Uncleared Contractors  | 0151 | Effective 7/12/18<br>Implementation Plan approved 2/25/19  |
| NNSA Supplemental Directive – NNSA SD 226.1C                                    | NNSA Site Governance  | 0189 | Effective 12/11/19   |
| NNSA Supplemental Directive – NNSA SD 251.1B                                    | Directives Management   | 0221 | Effective 1/12/21  |
| NNSA Supplemental Directive – NA SD O 350.1                                     | Management and Operating Contractor Service Credit Recognition  | 0015 | Effective 7/2/14*  |
| NNSA Supplemental Directive – NNSA SD 415.1                                     | Project Oversight for Information Technology (PO-IT)  | 0094 | Effective 7/20/16  |
| NNSA Supplemental Directive – NNSA SD 430.1                                     | Real Property Asset Management  | 0101 | Effective 3/29/17  |
| NNSA Supplemental Directive – NNSA SD 452.2A                                    | Nuclear Explosive Safety Evaluation Processes   | 0140 | Effective 3/6/18   |
| NNSA Supplemental Directive - NNSA SD 452.3-1A                                  | Defense Programs Business Process System (DPBPS)  | 0094 | Effective 7/5/16<br>See DPBPS Website for Issue and Effective Date @ <a href="https://dpbps.sandia.gov/SitePages/Content-Explorer-Federal-Requirements.aspx">https://dpbps.sandia.gov/SitePages/Content-Explorer-Federal-Requirements.aspx</a> |
| NNSA Supplemental Directive – NNSA SD 452.3-2                                   | Phase 6.X Process   | 0111 | Effective 4/26/17  |
| NNSA Supplemental Directive - NNSA SD 470.4-2                                   | Enterprise Safeguards and Security Planning and Analysis Program  | 0210 | Effective 1/15/19<br>Effective 5/28/20<br>NNSA Supplemental Directive (SD) 470.4-2 Implementation Instructions (II) dated April 22, 2020   |
| NNSA Supplemental Directive – NNSA SD 471.6                                     | Operations Security Program   | 0210 | Effective 5/14/20<br>Implementation Plan approved 7/29/20  |
| NNSA Supplemental Directive – NNSA SD 473.3                                     | Enterprise Mission Essential Task List-based Protective Force Training Program  | 0034 | Effective 3/31/15  |
| 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, <i>Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports, Change Notice No. 1</i>   | 0034 | Effective 1/15/15  |
| ORR PCB FFCA  | Oak Ridge Reservation Polychlorinated Biphenyl Federal Facilities Compliance Agreement  |      |  |
| PSLM  | Primary Standards Lab Memo  |      |  |
| Technical Business Practices (TBP) and Infrastructure Business Practices (IBPs) | Technical Business Practices (TBP) and Infrastructure Business Practices (IBPs)<br><br>For additional implementing information on TBPs visit the Defense Program Legacy (PRP Online) Home @ <a href="https://prp.sandia.gov/TBPs/Forms/AllItems.aspx">https://prp.sandia.gov/TBPs/Forms/AllItems.aspx</a><br><br>For additional implementing information on IBPs visit the Defense Program Legacy (PRP Online) Home @ <a href="https://prp.sandia.gov/IBPs/Forms/AllItems.aspx">https://prp.sandia.gov/IBPs/Forms/AllItems.aspx</a> | 0094 | See Defense Program Legacy (PRP Online) Home for Issue and Effective Date @ <a href="https://prp.sandia.gov/SitePages/Home.aspx">https://prp.sandia.gov/SitePages/Home.aspx</a>  |

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|-----------|-------------------------------|------|-------------------|
| RM 257945 | AL-R8 Pit Matrix Requirements | 0015 | Effective 7/2/14* |
|-----------|-------------------------------|------|-------------------|

\* Modification No. 0015 incorporated revised Appendix N, List of Applicable Directives, in accordance with Contracting Officer direction dated July 2, 2014, entitled “*Contract Number DE-NA0001942, Submittal of Revised Implementation Plan for Applicable Directives.*”

## LIST OF DELETED/CANCELLED DIRECTIVES

The table below reflects all requirements that have been deleted in modifications 0015, 0034, 0045, 0094, 0101, 0140, 0151, 0166, 0171, 0178, and 0229.

| Reference Document        | Title  | Mod  | Notes   |
|---------------------------|--|------|---|
| DOE M 140.1-1B            | Interface with the Defense Nuclear Facilities Safety Board   | 0151 | Cancelled by DOE O 140.1 Effective 7/26/18  |
| DOE M 205.1-3 Admin Chg 1 | Telecommunications Security Manual   | 0171 | Cancelled by DOE O 470.6 Deleted Effective 4/25/19 on approval of DOE O 470.6 Chg 1 Implementation Plan |
| DOE O 313.1               | Management and Funding of the Department's Overseas Presence   | 0034 | Deleted Effective 4/16/15   |
| DOE O 325.2 Admin Chg 1   | Position Management and Classification   | 0140 | Cancelled by DOE N 251.119 Deleted Effective 1/18/18  |
| DOE O 350.2B              | Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, DC Area | 0094 | Cancelled by DOE N 251.115 (replaced by NAP 31 Effective 1/18/17)                                       |
| DOE O 413.1B              | Internal Control Program   | 0229 | Cancelled by DOE O 520.1B Deleted Effective 2/25/21   |
| DOE O 430.1B Admin Chg 2  | Real Property and Asset Management   | 0094 | Deleted Effective 12/21/16  |
| DOE M 440.1-1A            | DOE Explosive Safety Manual  | 0015 | Deleted Effective 9/12/14   |
| DOE M 452.2-1A            | Nuclear Explosive Safety Manual  | 0045 | Cancelled by DOE Order 452.2E   |
| DOE M 452.2-2 Chg 1       | Nuclear Explosive Safety Evaluation Processes  | 0034 | Cancelled by DOE NNSA SD 452.2  |
| DOE M 457.1-1             | Control of Improvised Nuclear Device Information   | 0015 | Deleted Effective 9/12/14   |
| DOE P 470.1A              | Safeguards and Security Program  | 0015 | Deleted Effective 9/12/14   |
| DOE M 470.4-4A Chg 1      | Information Security Manual (Section D-Technical Surveillance countermeasures only)  | 0171 | Cancelled by DOE O 470.6 Deleted Effective 4/25/19 on approval of DOE O 470.6 Chg 1 Implementation Plan |
| DOE M 471.2-4             | Technical Surveillance Countermeasures Manual (TSCM) (Classified Annex only)   | 0015 | Cancelled by DOE M 470.4-4A Chg 1   |
| DOE M 483.1-1             | DOE Cooperative Research and Developments Agreements Manual  | 0015 | Deleted Effective 9/12/14   |
| DOE M 481.1-1A Chg 1      | Reimbursable Work for Non-Federal Sponsors Process Manual  | 0166 | Cancelled by DOE O 481.1E Deleted Effective 1/30/19   |
| DOE O 534.1B              | Accounting   | 0229 | Cancelled by DOE O 520.1B Deleted Effective 2/25/21   |
| DOE O 544.1               | Priorities and Allocations Program   | 0015 | Deleted Effective 9/12/14   |
| DOE O 551.1D Chg 2        | Official Foreign Travel  | 0178 | Cancelled by DOE O 550.1 Deleted Effective 9/24/19  |
| DOE O 580.1A Admin Chg 1  | Department of Energy Personal Property Management Program  | 0101 | Cancelled by DOE N 251.118 Deleted Effective 2/16/17  |
| DOE-HDBK-1092-2013        | DOE Handbook – Electrical Safety   | 0140 | Deleted Effective 5/2/18  |
| DOE-STD-1135-1999         | DOE Standard – Guidance for Nuclear Criticality Safety Engineer Training and Qualification                                       | 0034 | Deleted (Duplicate and covered in DOE Order 420.1C)   |
| DOE STD 3024-98           | DOE Standard – Content of System Design Description  | 0015 | Deleted Effective 9/12/14   |

| Reference Document                              | Title   | Mod  | Notes   |
|---|---|------|---|
| DOE SNL TYPEBARG                                | Tie-down Procedure for Type A, B, ARG, and Miscellaneous Containers   | 0034 | Language combined/revised last Mod (per Emory Hogan)<br>See: "DOE Technical Manual" |
| Executive Order 13423                           | Strengthening Federal Environmental, Energy, and Transportation Management  | 0094 | Deleted Effective 12/13/16<br>DEAR 970.5223.6 covered                               |
| Executive Order 13514                           | Federal Leadership in Environmental, Energy, and Economic Performance   | 0034 | Deleted Duplicative requirement of DOE O 436.1                                      |
| Executive Order 13526                           | Classified National Security Information  | 0034 | Deleted Duplicative requirement to DOE Order 475.2A                                 |
| NNSA BOP 001.5                                  | Management and Operating Contractor Employment Reporting  | 0094 | Cancelled<br>Effective 12/14/16   |
| BOP 003.08                                      | Management and Operating Contractor Business Meals and Light Refreshment  | 0015 | Deleted Effective 9/12/14   |
| BOP 50.002                                      | Value Management Policy   | 0015 | Deleted Effective 9/12/14   |
| BOP 50.003                                      | Independent Project Review Policy   | 0015 | Deleted Effective 9/12/14   |
| NNSA Policy Letter: NAP-14.1-C, Chapter VII     | NNSA Baseline Cyber Security Program  | 0140 | Cancelled by NNSA SD 205.1<br>Deleted Effective 4/19/18                             |
| NNSA Policy Letter: NAP-14.1-D                  | Baseline Cyber Security Program   | 0140 | Cancelled by NNSA SD 205.1<br>Deleted Effective 4/19/18                             |
| NAP 14.2-C                                      | NNSA Certification and Accreditation (C&A) Process for Information Systems  | 0015 | Deleted Effective 9/12/14   |
| NNSA Policy Letter: NAP-14.3-B                  | Transmission of Restricted Data over Secret Internet Protocol Router Network (SIPRNet)  | 0140 | Cancelled by NNSA SD 205.1<br>Deleted Effective 4/19/18                             |
| NNSA Policy Letter: NAP-21                      | Transformational Governance and Oversight   | 0094 | Cancelled by NNSA SD 226.1B   |
| NAP-70.2  | Physical Protection   | 0015 | Deleted Effective 9/12/14   |
| NAP-70.4  | Information Security  | 0015 | Deleted Effective 9/12/14   |
| NAP-9A  | Seccon Implementation   | 0015 | Deleted Effective 9/12/14   |
| IBP-202   | Record of Assembly and Disassembly  | 0015 | Deleted Effective 9/12/14   |
| IBP-401   | Product Definition Exchange Process   | 0015 | Deleted Effective 9/12/14   |
| IBP-404   | Engineering Authorization System  | 0015 | Deleted Effective 9/12/14   |
| Letter  | Letter dated 6/2/2010 from Thomas D. D'Agostino to Theodore Sherry, Expert-Based Unreviewed Safety Question Determination Procedure   | 0015 | Deleted Effective 9/12/14   |
| NNSA Supplemental Directive – NA-SD 350.2 Rev 1 | Use of M&O Contractor Employees for Service to the NNSA in the Washington DC Area   | 0094 | Cancelled by NAP 31<br>Deleted Effective 1/18/17                                    |
| QC-1 Revision 10                                | DOE/NNSA Weapon Quality Policy (QC-1)   | 0015 | Deleted Effective 9/12/14   |
| Site Specific CRD                               | Startup and Restart of Operations, Activities and Facilities  | 0015 | Deleted Effective 9/12/14   |
| Site Specific CRD                               | Directive Systems Process   | 0015 | Deleted Effective 9/12/14   |
| Standard Building Code                          | International Building Code   | 0015 | Deleted Effective 9/12/14   |
| 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-SD3.4.3 is decided). | 0101 | Deleted Effective 3/9/17  |
| YSO-CRD-09-01 (Applies to Y-12 Only)            | Projects Contractor Requirements Document (CRD)   | 0140 | Deleted Effective 3/22/18   |

(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 -*