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|---|------------------------------------|--|--------------------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |                                    | 1. CONTRACT ID CODE  | PAGE OF PAGES<br>1   9         |
| 2. AMENDMENT/MODIFICATION NO.<br>P00111   | 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 Los Alamos Field OFC<br>NA-LA<br>3748 West Jemez Road<br>Los Alamos NM 87544 | CODE<br>05003                  |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br>Triad National Security, LLC<br>Attn: H. Rich Heitman<br>505 KING AVE<br>COLUMBUS OH 43201 |                                    | 9A. AMENDMENT OF SOLICITATION NO.<br><input checked="" type="checkbox"/> (x)   |                                |
| CODE 080961356  |                                    | 9B. DATED (SEE ITEM 11)  |                                |
| FACILITY CODE   |                                    | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>89233218CNA000001   |                                |
|   |                                    | 10B. DATED (SEE ITEM 13)<br>06/08/2018   |                                |

**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)  
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 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)   |

E. IMPORTANT: Contractor  is not  is required to sign this document and return 1 copies to the issuing office.

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

DUNS Number: 080961356

UEI: X7WUS5LRBQU3

The purpose of Contract Modification P00111 is to replace Section J, Appendix B, List of Applicable Directives in its entirety.

Payment:

Period of Performance: 11/01/2018 to 10/31/2023

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)<br>Thomas E. Mason, Laboratory Director | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Wendy L. Bauer |
| 15C. DATE SIGNED<br>[Redacted]  | 16B. UNITED STATES OF AMERICA<br>[Redacted]                                  |
|   | 16C. DATE SIGNED   |

**PART III - SECTION J**

**APPENDIX B**

**LIST OF APPLICABLE DIRECTIVES  
 MODIFICATION NO. P00111**

In addition to the list of applicable directives listed 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. Electronic copies of these documents are available at the following Websites:

- <https://www.directives.doe.gov>
- <http://www.nnsa.energy.gov/aboutus/ouoperations/managementandbudget/policysystem/nnsapolicies>
- <http://nnsa.energy.gov/aboutus/ouoperations/managementandbudget/supplementaldirectives>
- <http://energy.gov/hss/information-center/department-energy-technical-standards-program>
- <http://lanl.gov/org/dir/pcm/applicable-directives/index.shtml>

| <b>DIRECTIV<br/>ENUNBER</b>                            | <b>DATE</b> | <b>DOE DIRECTIVE TITLE</b>   | <b>MOD #</b>   |
|--|-------------|--|--|
| APPH Ch X Review<br>Revision 10                        | 9/8/1998    | Product Cost<br>Accounting   | Award  |
| BOP 540.1  | 7/28/2004   | Requests to Defense<br>Contracting Audit Agency<br>(DCAA) for Audit of M&O<br>Contractor Subcontracts  | Mod 30<br>3/2/2020   |
| DOE P 112.1  | 11/23/2016  | DOE Roles and<br>Responsibilities  | Award  |
| DOE O 130.1,<br>Attachment 1 CRD                       | 9/29/1995   | Budget Formulation   | Award  |
| DOE O 140.1A,<br>Attachment 1 CRD                      | 6/15/2020   | Interface with the Defense<br>Nuclear Facilities Safety Board  | Mod 70<br>7/7/2021<br>*Implementation as cited on<br>PCM-20-T194 dated<br>11/25/2020 |
| DOE O 142.2A,<br>Admin Chg 1<br>Attachment 2 CRD       | 6/27/2013   | Voluntary Offer Safeguards<br>Agreementand Additional<br>Protocol with the<br>International AtomicEnergy<br>Agency                                     | Award  |
| DOE M 142.2-1,<br>Admin Chg 1<br>Attachment 1 CRD      | 6/27/2013   | Manual for Implementation of the<br>Voluntary Offer Safeguards<br>Agreementand Additional<br>Protocol with the<br>International AtomicEnergy<br>Agency | Award  |
| DOE O 142.3A, Chg 2<br>(LtdChg)<br>Attachment 1<br>CRD | 12/13/2019  | Unclassified Foreign<br>Visits and Assignments Program   | Mod 47<br>10/15/20   |
| DOE O 144.1 Chg 1,<br>Attachment 1 CRD                 | 11/6/2009   | Department of Energy American<br>Indian Tribal Government<br>Interactions and Policy   | Award  |
| DOE O 150.1B,<br>Attachment 1 CRD                      | 12/21/2021  | Continuity Programs  | Mod 111<br>*Implementation as cited on PCM-<br>22-T034 dated 03/10/2022              |

| DIRECTIV ENUMBER                              | DATE       | DOE DIRECTIVE TITLE   | MOD #  |
|---|------------|---|--|
| DOE O 151.1C                                  | 08/11/2016 | Comprehensive Emergency Management System NOTE: Removal upon full implementation of DOE O 151.1D as cited by NA-LA direction OPS:4EW- 763996 dated 1/02/18                                      | Award  |
| DOE O 151.1D, Chg 1 (MinChg) Attachment 1 CRD | 10/4/2019  | Comprehensive Emergency Management System NOTE: Implementation as cited by PCM- 17-062 dated 5/19/17, PCM- 17- 111 dated 9/14/17, and as cited by NA-LA direction OPS:4EW- 763996 dated 1/02/18 | Mod 30<br>3/2/2020   |
| DOE G 151.1-5                                 | 7/11/2007  | Biosafety Facilities  | Award  |
| DOE O 153.1, Attachment 2 CRD                 | 6/27/2007  | Departmental Radiological Emergency Response Assets   | Award  |
| DOE O 200.1A Chg 1 (MinChg), Attachment 1 CRD | 1/13/2017  | Information Technology Management   | Mod 70<br>7/7/2021   |
| DOE O 203.1                                   | 1/7/2005   | Limited Personal Use of Government Office Equipment including Information Technology  | Award  |
| DOE O 205.1C, Chg 1                           | 02/03/2022 | Department of Energy Cyber Security Program   | Mod 111<br>*Implementation as cited on PCM- 22-T058 dated 04/20/2022 |
| DOE O 206.1, Chg 1 (MinChg) Attachment 1 CRD  | 11/1/2018  | Department of Energy Privacy Program  | Mod 47<br>10/15/2020   |
| DOE O 206.2, Attachment 1 CRD                 | 2/19/2013  | Identity, Credential, and Access Management (ICAM)  | Award  |
| DOE O 210.2A, Attachment 1 CRD                | 4/8/2011   | DOE Corporate Operating Experience Program  | Mod 30<br>3/2/2020   |
| DOE O 221.1B, Attachment 1 CRD                | 9/27/2016  | Reporting Fraud, Waste, and Abuse to the Office of Inspector General  | Award  |
| DOE O 221.2A, Attachment 1 CRD                | 2/25/2008  | Cooperation With The Office of Inspector General  | Mod 30<br>3/2/2020   |
| DOE O 225.1B, Attachment 1 CRD                | 3/4/2011   | Accident Investigations   | Award  |
| DOE O 226.1B, Chg 1                           | 05/03/2022 | Implementation of Department of Energy Oversight Policy   | Mod 111<br>*Implementation as cited on PCM-22-T102 dated 7/20/2022   |
| DOE P 226.2                                   | 8/9/2016   | Policy for Oversight and Contractor Assurance Systems   | Award  |
| DOE O 227.1A, Attachment 1 CRD                | 12/21/2015 | Independent Oversight Program   | Award  |
| DOE O 231.1B Admin Chg 1, Attachment 1 CRD    | 11/28/2012 | Environment, Safety, and Health Reporting   | Award  |
| DOE O 232.2A Chg 1 Attachment 1 CRD           | 10/4/2019  | Occurrence Reporting and Processing of Operations Information   | Mod 30<br>3/2/2020   |

| <b>DIRECTIV<br/>ENUMBER</b>                                | <b>DATE</b> | <b>DOE DIRECTIVE TITLE</b>  | <b>MOD #</b>   |
|--|-------------|---|--|
| DOE O 241.1B, Chg 1<br>Attachment 1 CRD                    | 4/26/2016   | Scientific and Technical<br>InformationManagement   | Award  |
| DOE O 243.1C   | 02/07/2022  | Records Management Program  | Mod 111<br>*Implementation as cited on<br>PCM-22-T057 dated 04/20/2022   |
| DOE O 252.1A,<br>Admin Chg 1<br>Attachment 1 CRD           | 3/12/2013   | Technical StandardsProgram  | Award  |
| DOE O 341.1A,<br>Attachment 1 CRD                          | 10/18/2007  | Federal EmployeeHealth<br>Services  | Award  |
| DOE O 350.1 Chg 7,<br>(LtdChg)<br>Attachment1 CRD          | 2/19/2020   | Contractor Human Resource<br>ManagementPrograms (DOE<br>O 350.3 cancelled Chapters 1, II,<br>and III of this Order) | Mod 70<br>7/7/2021   |
| DOE O 350.5  | 10/12/2021  | COVID Safety Protocols for<br>Federal Contractors   | Mod 111<br>*Implementation as cited on<br>PCM-21-T192 dated 12/14/2021   |
| DOE O 410.2, Admin<br>Chg 1<br>Attachment 1 CRD            | 4/10/2014   | Management of Nuclear<br>Materials  | Award  |
| DOE O 411.2,<br>Attachment 1 CRD                           | 1/4/2017    | Scientific Integrity  | Award  |
| DOE P 411.2A   | 1/4/2017    | DOE Scientific<br>Integrity   | Award  |
| DOE O 412.1A   | 5/21/2014   | Work Authorization<br>System  | Mod 6<br>3/8/2019  |
| DOE O 413.1B,<br>Attachment 1 CRD                          | 10/28/2008  | Internal Control Program  | Award  |
| DOE O 413.2C, Chg 1<br>Attachment 1 CRD                    | 8/2/2018    | Laboratory Directed<br>Research and Development   | Mod 6<br>3/8/2019  |
| DOE O 413.3B, Chg 6<br>(LtdChg)<br>Attachment 1 CRD        | 1/12/2021   | Program and Project<br>Management for the<br>Acquisition of Capital Assets  | Mod 85<br>12/15/2021   |
| DOE O 414.1D,<br>Chg 2 (LtdChg)<br>Attachment 1 CRD        | 9/15/2020   | Quality Assurance   | Mod 70<br>7/7/2021   |
| DOE O 415.1 Chg 2,<br>(MinChg)<br>Attachment1 CRD          | 1/13/2017   | Information Technology<br>Project Management  | Mod 30<br>3/2/2020   |
| DOE O 420.1C Chg 3,<br>(LtdChg)<br>Attachment 1<br>CRD     | 11/14/2019  | Facility Safety   | Mod 47<br>10/15/2020<br>*420.1C Chg 2's leasing<br>applicability direction will be<br>provided in the future via CO and<br>FOM Direction<br>**Implementation as cited by PCM-<br>20-T116 and PCM-20-T118 |
| DOE O 420.2C,<br>Attachment 1 CRD                          | 7/21/2011   | Safety of AcceleratorFacilities   | Award  |
| DOE O 422.1, Chg 4,<br>(LtdChg)                            | 02/03/2022  | Conduct of Operations   | Mod 111<br>*Implementation as cited on PCM-<br>22-T038 dated 03/24/2022  |
| DOE O 425.1D, Admin<br>Chg 2, (MinChg)<br>Attachment 1 CRD | 10/4/2019   | Verification of Readiness to<br>Start Up or Restart Nuclear<br>Facilities   | Mod 30<br>3/2/2020   |

| DIRECTIV<br>ENUMBER                                     | DATE       | DOE DIRECTIVE TITLE  | MOD #  |
|---|------------|--|--|
| DOE O 426.2, Admin<br>Chg 1<br>Attachment 1 CRD         | 7/29/2013  | Personnel Selection, Training,<br>Qualification, and Certification<br>Requirements for DOE Nuclear<br>Facilities           | Award  |
| DOE O 433.1B,<br>Admin Chg 1<br>Attachment 1 CRD        | 3/12/2013  | Maintenance Management<br>Program for DOE Nuclear<br>Facilities  | Award  |
| DOE O 435.1 Chg 2,<br>(AdminChg)<br>Attachment 1<br>CRD | 1/11/2021  | Radioactive Waste<br>Management  | Mod 85<br>12/15/2021   |
| DOE M 435.1-1 Chg 3<br>(LtdChg)                         | 1/11/21    | Radioactive Waste<br>Management Manual   | Mod 85<br>12/15/2021   |
| DOE O 436.1,<br>Attachment 1 CRD                        | 5/2/2011   | Departmental<br>Sustainability   | Award  |
| DOE O 437.1,<br>Attachment 1 CRD                        | 12/11/2020 | Bridge and Tunnel<br>Management  | Mod 85<br>12/15/2021<br>*Implementation as cited on PCM-<br>20-T040 dated 04/15/2021 |
| DOE O 440.2C Chg 2,<br>(LtdChg)<br>Attachment 1<br>CRD  | 9/15/2020  | Aviation Management and Safety   | Mod 70<br>7/7/2021   |
| DOE M 441.1-1,<br>Admin Chg 1<br>Attachment 1 CRD       | 2/24/2016  | Nuclear Material Packaging<br>Manual   | Award  |
| DOE O 442.1B,<br>Attachment 1 CRD                       | 1/31/2019  | Department Of Energy<br>Employee Concerns Program  | Mod 30<br>3/2/2020   |
| DOE O 442.2, Chg 1<br>Attachment 1 CRD                  | 10/5/2016  | Differing Professional Opinions<br>for Technical Issues Involving<br>Environment, Safety,<br>and Health Technical Concerns | Award  |
| DOE O 443.1C<br>Attachment 1 CRD                        | 11/26/2019 | Protection of Human Research<br>Subjects   | Mod 30<br>3/2/2020   |
| DOE O 452.1E,<br>Attachment 1 CRD                       | 1/26/2015  | Nuclear Explosive and Weapon<br>Surety Program   | Award  |
| DOE O 452.2F,<br>Attachment 1 CRD                       | 7/27/2020  | Nuclear Explosive Safety   | Mod 70<br>7/7/2021   |
| DOE O 452.3,<br>Attachment 2 CRD                        | 6/8/2005   | Management of the Department<br>of Energy<br>Nuclear Weapons Complex   | Award  |
| DOE O 452.4C,<br>Attachment 1 CRD                       | 8/28/2015  | Security and Use Control of<br>Nuclear Explosives and Nuclear<br>Weapons   | Award  |
| DOE O 452.6A, Chg 1<br>(AdminChg)<br>Attachment 1 CRD   | 2/17/2021  | Nuclear Weapon Surety<br>Interface with the Department<br>of Defense   | Mod 85<br>12/15/2021   |
| DOE O 452.7,<br>Chg 1                                   | 5/29/2020  | Protection of Use Control<br>Vulnerabilities and Designs   | Mod 111<br>*Implementation as cited by PCM-<br>22-T101 dated 7/20/2022               |
| DOE O 452.8,<br>Attachment 1 CRD                        | 7/21/2011  | Control of Nuclear Weapon<br>Data  | Award  |
| DOE O 456.1A,<br>Attachment 1 CRD                       | 7/15/2016  | The Safe Handling of Unbound<br>Engineered   | Award  |

| DIRECTIV ENUMBER   | DATE       | DOE DIRECTIVE TITLE  | MOD #  |
|--|------------|--|--|
|  |            | Nanoparticles  |  |
| DOE O 457.1A, Attachment 1 CRD                                     | 8/26/2013  | Nuclear Counterterrorism   | Mod 30<br>3/2/2020   |
| DOE O 458.1 Chg 4, (LtdChg) Attachment 1 CRD                       | 9/15/2020  | Radiation Protection of the Public and the Environment   | Mod 70<br>7/7/2021   |
| DOE O 460.1D, Attachment 1 CRD                                     | 12/20/2016 | Hazardous Materials Packaging and Transportation Safety  | Award  |
| DOE O 460.2A, Attachment 2 CRD                                     | 12/22/2004 | Departmental Materials Transportation and Packaging Management   | Award  |
| DOE M 460.2-1A, Attachment 1 CRD                                   | 6/4/2008   | Implementation Guide for Use with DOE O 460.2 Departmental Materials Transportation and Packaging Management | Award  |
| DOE O 461.1C, Chg 1, (MinChg) Attachment 1 CRD                     | 10/4/2019  | Packaging and Transportation for Offsite Shipment of Materials of National Security Interest                 | Mod 30<br>3/2/2020   |
| DOE O 461.2, Attachment 1 CRD                                      | 11/1/2010  | Onsite Packaging and Transfer of Materials of National Security Interest                                     | Mod 30<br>3/2/2020   |
| DOE O 462.1, Admin Chg 1, Attachment 1 CRD                         | 7/10/2013  | Import and Export of Category 1 and 2 Radioactive Sources Aggregated Quantities                              | Mod 30<br>3/2/2020   |
| DOE O 470.3C Chg 1 Attachment 1 CRD                                | 9/09/2020  | Design Basis Threat (DBT) Order  | Mod 85<br>12/15/2021<br>Implementation as cited by PCM-21-T038 dated 4/01/2021   |
| DOE O 470.4B Chg 2, (MinChg) Attachment 1 CRD and Attachment 2 CRD | 1/17/2017  | Safeguards and Security Program  | Mod 30<br>3/2/2020<br><br>(DOE O 473.2A cancelled Appendix A, Section 1, Chapter III, Paragraph 4.b. and c., Attachment 2, Section 1, Chapter III, Paragraph 4.b. and c. pertaining to performance test schedules, and Attachment 4 of this Order) |
| DOE O 470.5, Attachment 1 CRD                                      | 6/2/2014   | Insider Threat NOTE: Implementation as cited by PCM-15-005 dated January 8, 2015                             | Award  |
| DOE O 470.6 Chg 1 (MinChg) Attachment 1 CRD                        | 1/11/2017  | Technical Security Program NOTE: Implementation as cited by PCM-18-066 dated 5/22/18                         | Mod 30<br>3/2/2020   |
| DOE O 471.1B, Attachment 1 CRD                                     | 3/1/2010   | Identification and Protection of Unclassified Controlled Nuclear Information                                 | Award  |
| DOE O 471.5, Attachment 1 CRD                                      | 3/29/2011  | Special Access Programs  | Award  |
| DOE O 471.6 Admin Chg 3, Attachment 1 CRD                          | 9/12/2019  | Information Security   | Mod 30<br>3/2/2020   |

| DIRECTIVE NUMBER                                 | DATE       | DOE DIRECTIVE TITLE   | MOD #   |
|--|------------|---|---|
| DOE O 471.7                                      | 2/3/2022   | Controlled Unclassified Information   | Mod 111<br>Implementation as cited by PCM-22-T092 dated 08/02/2022              |
| DOE O 472.2A                                     | 06/10/2022 | Personnel Security  | MOD 111<br>Implementation as cited by PCM-22-T105 dated 08/04/2022              |
| DOE O 473.1A, Attachment 1 CRD                   | 8/30/2021  | Physical Protection Program   | Mod 85<br>12/15/2021<br>Implementation as cited by PCM-21-T172 dated 11/08/2021 |
| DOE O 473.2A, Attachment 1 CRD                   | 8/30/2021  | Protective Force Operations   | Mod 85<br>12/15/2021<br>Implementation as cited by PCM-21-T170 dated 11/04/2021 |
| DOE O 474.2 Chg 4, (PgChg) Attachment 1 CRD      | 9/13/2016  | Nuclear Material Control and Accountability   | Mod 30<br>3/2/2020  |
| DOE O 475.1, Attachment 2 CRD                    | 12/10/2004 | Counterintelligence Program   | Award   |
| DOE O 475.2B Attachment 1 CRD                    | 10/3/2014  | Identifying Classified Information  | Award   |
| DOE O 483.1B, Chg 2 (Admin Chg) Attachment 1 CRD | 12/13/2019 | DOE Cooperative Research and Development Agreements   | Mod 47<br>10/15/2020  |
| DOE O 484.1 Chg 2, (Admin Chg) Attachment 1 CRD  | 6/30/2014  | Reimbursable Work for Department of Homeland Security   | Mod 30<br>3/2/2020  |
| DOE P 485.1A                                     | 12/13/2019 | Foreign Engagements with DOE National Laboratories  | Mod 47<br>10/15/2020  |
| DOE O 486.1A                                     | 9/4/2020   | Foreign Government Sponsored or Affiliated Activities   | Mod 52<br>10/2/2020   |
| DOE O 522.1A, Attachment 1 CRD                   | 8/2/2018   | Pricing of Departmental Materials and Services  | Mod 70<br>7/7/2021  |
| DOE O 534.1B, Attachment 1 CRD                   | 1/6/2003   | Accounting  | Award   |
| DOE O 550.1 Chg 1, Attachment 1 CRD              | 12/13/2019 | Official Travel   | Mod 47<br>10/15/20  |
| DOE O 5639.8A                                    | 7/23/1993  | Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities | Award   |
| DOE O 5670.1A                                    | 1/15/1992  | Management and Control of Foreign Intelligence  | Award   |
| DOE-STD-3013-2018                                | 11/1/2018  | Stabilization, Packaging, and Storage of Plutonium-Bearing Materials                            | Mod 30<br>3/2/20  |
| DOE-STD-5506-2021                                | 12/07/2021 | Preparation of Safety Basis Documents for Transuranic (TRU)                                     | Mod 111<br>*Implementation as cited on PCM-                                     |

| DIRECTIV<br>ENUMBER                   | DATE       | DOE DIRECTIVE TITLE  | MOD #   |
|---------------------------------------|------------|--|---|
|                                       |            | Waste Facilities   | 21-T189 dated 12/07/2021,<br>NNSA-2022-002539, PCM-21-<br>T195 dated 12/17/21 and NSER:<br>37SG-2022-000056 |
| NNSA SD 205.1<br>Attachment A CRD     | 7/6/2017   | Baseline Cybersecurity Program   | Mod 6<br>3/8/2019   |
| NNSA SD 206.1<br>Attachment I CRD     | 6/22/2018  | Privacy Program  | Mod 6<br>3/8/2019   |
| NNSA SD 206.2<br>Attachment I CRD     | 4/14/2018  | Implementation of Personal<br>Identity Verification for<br>Uncleared Contractors NOTE:<br>Implementation as cited on PCM-<br>19- T101 dated 10/03/2019 | Mod 30<br>3/2/2020  |
| NNSA SD 226.1C,<br>Attachment I CRD   | 10/1/2019  | NNSA Site Governance   | Mod 47<br>10/15/2020  |
| NNSA SD 251.1B,<br>Attachment I CRD   | 10/26/2020 | Directives<br>Management   | Mod 70<br>7/7/2021  |
| NA SD O 350.1,<br>Attachment I CRD    | 2/5/2009   | M&O Contractor<br>Service Credit<br>Recognition  | Mod 30<br>3/2/2020  |
| NNSA NAP 412.1,<br>Attachment I CRD   | 2/11/2019  | Financial Integration  | Mod 47<br>10/15/2020  |
| NNSA NAP 413.1,<br>Attachment I CRD   | 6/3/2019   | Data Collection for Cost<br>Estimating   | Mod 47<br>10/15/2020  |
| NA SD 415.1<br>Attachment I CRD       | 9/3/2014   | Project Oversight for<br>Information Technology  | Mod 30<br>3/2/2020  |
| NA SD 430.1<br>Attachment I CRD       | 1/18/2017  | Real Property Asset<br>Management<br>NOTE: Implementation as cited<br>by PCM-17-102 dated 8/29/17  | Mod 6<br>3/8/2019   |
| NNSA SD 452.2B<br>Attachment I CRD    | 6/23/2021  | Nuclear Explosive Safety<br>Evaluation Processes   | Mod 85<br>12/15/2021<br>Implementation as cited on<br>PCM-21-T138 dated<br>10/14/2021                       |
| NNSA SD 452.3-1A,<br>Attachment I CRD | 2/25/2016  | Defense Programs Business<br>Process System<br>NOTE: Include RMI<br>Chapters: R001, R002, R003,<br>R006, R007, R008, R010,<br>R016, R018               | Mod 30<br>3/2/2020  |
| NNSA SD 452.3-2,<br>Attachment I CRD  | 1/19/2017  | Phase 6.X Process  | Award   |
| NNSA SD 452.4-1                       | 01/27/2022 | Nuclear Enterprise Assurance<br>(NEA)  | Mod 111<br>*Implementation as cited on PCM-<br>22-T045 dated 03/28/2022                                     |
| NNSA SD 470.4-2<br>Adm Chg 1          | 06/16/2021 | Enterprise Safeguards and<br>Security Planning<br>and Analysis Program   | Mod 111<br>*Implementation as cited on PCM-<br>22-T103 dated 07/20/2022                                     |
| NNSA SD 470.6                         | 02/25/2022 | Technical Security Program   | Implementation as cited on PCM-<br>22-T086 dated 06/16/2022   |



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| NNSA SD 471.6<br>Attachment 1 CRD        | 12/9/2019  | Operations Security Program   | Mod 47<br>10/15/2020<br>*Incorporated with implementation by 7/21/2021 assuming funding is available as stated in PCM-20-T071 |
| NNSA SD 473.3<br>Attachment 1 CRD        | 9/10/2014  | Enterprise Mission Essential Task List-Based Protective Force Training Program  | Award   |
| NAP 220.1<br>Attachment 1 CRD            | 6/19/2018  | Internal Affairs Program  | Mod 47<br>10/15/2020  |
| NAP 401.1A,<br>Admin Chg 2               | 02/15/2022 | Weapon Quality Policy   | Mod 111<br>*Incorporated with Implementation of PCM-22-T045 dated 3/28/2022 and NNSA SD 452.4-1                               |
| NAP 476.1, Admin Chg 1, Attachment 1 CRD | 2/9/2015   | Atomic Energy Act Control of Import and Export Activities   | Mod 30<br>3/2/2020  |
| NAP 520.1, Admin Chg 1, Attachment 1 CRD | 10/10/2013 | Management and Operating Contractor Business Meals and Light Refreshments   | Mod 30<br>3/2/2020  |
| NAP 121.1A                               | 04/26/2021 | Enterprise-Wide Strategic Planning  | Mod 111<br>*Implementation as cited on PCM-21-T136 dated 10/13/21   |
| NAP 540.2,<br>Attachment 1 CRD           | 11/22/2016 | NNSA M&O OffsiteExtended Duty Assignments   | Mod 30<br>3/2/2020  |
| QP 100-1                                 | 3/1/2013   | Quality Requirements to UK and US Procurement Contracts and Loan Authorizations for Research, Design, and Development | Award   |

The following directives are hereby replaced:

1. DOE O 150.1A, Continuity Program, dated March 31, 2014, is replaced with DOE O 150.1B, Continuity Program, dated December 21, 2021
2. DOE O 205.1C, Department of Energy Cybersecurity Program, dated May 15, 2019, is replaced with DOE O 205.1C, Chg 1, Department of Energy Cybersecurity Program, dated February 3, 2022.
3. DOE O 226.1B, Implementation of Department of Energy Oversight Policy, dated April 25, 2011, is replaced with DOE O 226.1B, Chg 1, Implementation of Department of Energy Oversight Policy, dated May 3, 2022.
4. DOE O 227.1A, Independent Oversight Program, dated December 21, 2015, is replaced with DOE O 227.1A Chg 1, Independent Oversight Program, dated January 21, 2020.
5. DOE O 243.1B Change 1, Records Management Program, dated July 8, 2013, with DOE O 243.1C, Records Management Program, dated February 7, 2022.
6. DOE O 422.1 Chg. 3, Conduct of Operations, dated October 4, 2019, with DOE O 422.1 Chg. 4, Conduct of Operations, dated February 3, 2022.
7. DOE O 452.7 entitled Protection of Use Control Vulnerabilities and Designs, dated May 14, 2010, with DOE O 452.7 Chg 1 (admin Chg), entitled Protection Use Control Vulnerabilities and Designs, dated May 29, 2020.
8. NNSA NAP 401.1A, entitled Weapon Quality Policy, dated June 23, 2021, with NNSA NAP 401.1A Admin. Chg 2, entitled Weapon Quality Policy, dated February 15, 2022.
9. NNSA NAP 121.1, Stewardship and Long-Term Strategic Planning for the Laboratories, dated December 1, 2016, with NNSA NAP 121.1A, Enterprise-Wide Strategic Planning, dated April 26, 2021.
10. NNSA SD 470.4-2, Attachment 1, entitled Enterprise Safeguards and Security Planning and Analysis Program, dated June 23, 2018, with NNSA SD 470.4-2, Admin Change 1, entitled Enterprise Safeguards and Security Planning and Analysis Program, dated June 16, 2021.
11. DOE O 472.2 Chg 1 (Pg Chg), entitled Personnel Security dated July 9, 2014, with DOE O 472.2A entitled Personnel Security, dated June 10, 2022.

The following directives are hereby added:

1. DOE O 350.5 – COVID Safety Protocols for Federal Contractors, dated 10/12/2021.
2. DOE-STD-5506-2021, Preparation of Safety Basis Documents for Transuranic Waste Facilities dated September 15, 2021.
3. NNSA SD 452.4-1 entitled Nuclear Enterprise Assurance (NEA), dated January 27, 2022.
4. NNSA SD 470.6, entitled Technical Security Program Supplemental Directive dated February 25, 2022.
5. DOE O 471.7, entitled Controlled Unclassified Information dated February 3, 2022.

The following directives are hereby deleted:

1. NNSA ACD 470.6, entitled Use of Mobile Devices within National Nuclear Security Administration Secure Spaces (Cancelled by NNSA SD 470.6)

2. DOE Order (O) 471.3 Chg. 1, Identifying and Protecting Official Use Only Information, dated 1-13-2011.
3. DOE Manual (M) 471.3-1 Chg. 1, Manual for Identifying and Protecting Official Use Only Information, dated 1-13-2011.