

|   |                                    |  |  |  |
|---|------------------------------------|--|--|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |                                    | 1. CONTRACT ID CODE  | PAGE OF PAGES<br>1 2                   |  |
| 2. AMENDMENT/MODIFICATION NO<br>0275  | 3. EFFECTIVE DATE<br>See Block 16C | 4. REQUISITION/PURCHASE REQ. NO.   | 5. PROJECT NO. (If applicable)         |  |
| 6. ISSUED BY<br>NNSA/Los Alamos Site Office<br>U.S. Department of Energy<br>NNSA/Los Alamos Site Office<br>3747 West Jemez Road<br>Los Alamos NM 87544  | CODE<br>05003                      | 7. ADMINISTERED BY (If other than Item 6)<br>NNSA/Los Alamos Site Office<br>U.S. Department of Energy<br>Los Alamos Site Office<br>3747 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>LOS ALAMOS NATIONAL SECURITY, LLC<br>Attn: STEVE K. SHOOK<br>P.O. BOX 1663, MS P222<br>LOS ALAMOS NM 875450001 |                                    | (x) 9A. AMENDMENT OF SOLICITATION NO.  | 9B. DATED (SEE ITEM 11)                |  |
| CODE 175252894 FACILITY CODE  |                                    | x 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>DE-AC52-06NA25396   | 10B. DATED (SEE ITEM 13)<br>12/21/2005 |  |

**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)

**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). |
| x         | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF P.L. 95-91 and Other Applicable Laws  |
|           | D. OTHER (Specify type of modification and authority)   |

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.)

The purpose of this modification is to update Prime Contract Section J, Appendix G, List of Applicable Directives.

See Page 2.

Period of Performance: 12/21/2005 to 09/30/2018

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>Paul D Henry<br>Deputy Laboratory Director (acting) | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Robert M. Poole |
| 15B. CONTRACTOR/OFFEROR<br>[Redacted]  | 15C. DATE SIGNED<br>7/8/14  |
| 16B. UNITED STATES OF AMERICA<br>[Redacted]<br>(Signature of Contracting Officer)                    | 16C. DATE SIGNED<br>7/8/2014  |

Prime Contract Section J, Appendix G, *List of Applicable Directives*, is modified as follows:

The following Directives are added:

| <b>NUMBER</b>         | <b>DATE</b> | <b>TITLE</b>  |
|-----------------------|-------------|---|
| DOE O 150.1A          | 03/31/14    | Continuity Programs   |
| DOE O 206.2           | 02/19/13    | Identity, Credential, and Access Management (ICAM)            |
| DOE O 232.2 Change 1  | 03/12/14    | Occurrence Reporting and Processing of Operations Information |
| DOE O 412.1A Change 1 | 05/21/14    | Work Authorization System                                     |

The following Directives are deleted:

| <b>NUMBER</b> | <b>DATE</b> | <b>TITLE</b>  |
|---------------|-------------|---|
| DOE O 150.1   | 05/08/08    | Continuity Programs   |
| DOE N 206.4   | 06/29/07    | Personal Identity Verification                                |
| DOE O 232.2   | 08/30/11    | Occurrence Reporting and Processing of Operations Information |
| DOE O 412.1A  | 04/21/05    | Work Authorization System                                     |

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| DOE N 206.4   | 06/29/07    | Personal Identity Verification                                |
| DOE O 232.2   | 08/30/11    | Occurrence Reporting and Processing of Operations Information |
| DOE O 412.1A  | 04/21/05    | Work Authorization System                                     |

**PART III - SECTION J**

**APPENDIX G**

**July 8, 2014**

**LIST OF APPLICABLE DIRECTIVES**

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>DIRECTIVE NUMBER</b>                | <b>DATE</b> | <b>DOE DIRECTIVE TITLE</b>  | <b>Mod #<br/>Date</b> |
|--|-------------|---|-----------------------|
| ANSI 8.22                              | 1997        | Nuclear Criticality Safety Based on Limiting and Controlling Moderators   |                       |
| ANSI 8.23                              | 1997        | Nuclear Criticality Accident Emergency Planning and Response  |                       |
| DOE O 130.1,<br>Attachment 1 CRD       | 09/29/95    | Budget Formulation  |                       |
| DOE M 140.1-1B,<br>Attachment 1 CRD    | 03/30/01    | Interface with the Defense Nuclear Facilities Safety Board  |                       |
| DOE O 142.2A,<br>Attachment 2 CRD      | 12/15/06    | Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency                                  | M033<br>01/09/08      |
| DOE M 142.2-1,<br>Attachment 1 CRD     | 09/04/08    | Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency | M062<br>01/15/09      |
| DOE O 142.3A,<br>Attachment 1 CRD      | 10/14/10    | Unclassified Foreign Visits and Assignments Program   | 192<br>05/21/12       |
| DOE O 144.1 Chg 1,<br>Attachment 1 CRD | 11/06/09    | Department of Energy American Indian Tribal Government Interactions and Policy  | M133<br>06/11/10      |
| DOE O 150.1A,<br>Attachment 1 CRD      | 03/31/14    | Continuity Programs   | 275<br>07/8/14        |
| DOE O 151.1C,<br>Attachment 2 CRD      | 11/02/15    | Comprehensive Emergency Management System   | A015<br>01/25/07      |
| DOE O 153.1,<br>Attachment 2 CRD       | 06/27/07    | Departmental Radiological Emergency Response Assets   | M033<br>01/09/08      |
| DOE O 200.1A,<br>Attachment 1 CRD      | 12/23/08    | Information Technology Management<br><b>NOTE:</b> Implementation as cited by PCM-11-366 dated 12/21/11                                    | 183<br>02/06/12       |
| DOE M 200.1-1,<br>Chapter 9            | 02/15/00    | Public Key Cryptography and Key Management  |                       |

| DIRECTIVE NUMBER                        | DATE     | DOE DIRECTIVE TITLE  | Mod #<br>Date    |
|---|----------|--|------------------|
| DOE O 205.1B Chg 1,<br>Attachment 1 CRD | 12/07/12 | Department of Energy Cyber Security Program<br><b>NOTE:</b> Implementation as cited by PCM-13-092 dated 4/12/13  | 229<br>05/13/13  |
| DOE M 205.1-3                           | 04/17/06 | Telecommunications Security Manual   | A019<br>04/26/07 |
| DOE O 206.1,<br>Attachment 1 CRD        | 01/16/09 | Department of Energy Privacy Program   | M103<br>10/06/09 |
| DOE O 206.2,<br>Attachment 1 CRD        | 02/19/13 | Identity, Credential, and Access Management (ICAM)   | 275<br>07/8/14   |
| DOE O 210.2A,<br>Attachment 2 CRD       | 04/08/11 | DOE Corporate Operating Experience Program<br><b>NOTE:</b> Implementation as cited by PCM-11-312 dated 11/17/11 and LASO SO:26CK-397917 dated 11/21/11 | 183<br>02/06/12  |
| DOE O 221.1A,<br>Attachment 1 CRD       | 04/19/08 | Reporting Fraud, Waste, and Abuse to the Office of Inspector General   | M056<br>10/08/08 |
| DOE O 221.2A,<br>Attachment 1 CRD       | 02/25/08 | Cooperation With The Office of Inspector General   | M062<br>01/15/09 |
| DOE O 225.1B,<br>Attachment 1 CRD       | 03/04/11 | Accident Investigations  | 165<br>05/27/11  |
| DOE O 226.1B,<br>Attachment 1 CRD       | 04/25/11 | Implementation of Department of Energy Oversight Policy  | 177<br>10/03/11  |
| DOE O 227.1,<br>Attachment 1, CRD       | 08/30/11 | Independent Oversight Program  | 183<br>02/06/12  |
| DOE O 231.1B Chg 1,<br>Attachment 1 CRD | 11/28/12 | Environment, Safety, and Health Reporting  | 229<br>05/13/13  |
| DOE O 232.2 Chg 1,<br>Attachment 1 CRD  | 03/12/14 | Occurrence Reporting and Processing of Operations Information  | 275<br>07/8/14   |
| DOE O 241.1B,<br>Attachment 1 CRD       | 12/13/10 | Scientific and Technical Information Management  | 177<br>10/03/11  |
| DOE O 243.1A,<br>Attachment 1 CRD       | 11/07/11 | Records Management Program<br><b>NOTE:</b> Implementation as cited by PCM-12-042 dated 2/29/12   | 192<br>05/21/12  |
| DOE O 243.2,<br>Attachment 2 CRD        | 02/02/06 | Vital Records  | A021<br>06/11/07 |
| DOE O 251.1B,<br>Attachment 1 CRD       | 08/16/06 | Departmental Directives Program  | A019<br>04/26/07 |
| DOE M 251.1-1B,<br>Attachment 1 CRD     | 08/16/06 | Departmental Directives Program Manual   | A019<br>04/26/07 |
| DOE O 252.1A,<br>Attachment 1 CRD       | 02/23/11 | Technical Standards Program  | 165<br>05/27/11  |
| DOE O 311.1B                            | 02/12/03 | Equal Employment Opportunity and Diversity Program   |                  |
| DOE O 341.1A,<br>Attachment 1 CRD       | 10/18/07 | Federal Employee Health Services   | M078<br>07/01/09 |
| DOE O 350.1 Chg 1,<br>Attachment 1 CRD  | 05/08/98 | Contractor Human Resource Management Programs  | A018<br>03/29/07 |

| DIRECTIVE NUMBER                        | DATE       | DOE DIRECTIVE TITLE   | Mod #<br>Date    |
|---|------------|---|------------------|
| DOE O 350.2B,<br>Attachment 1 CRD       | 05/31/11   | Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington, D.C., Area       | 177<br>10/03/11  |
| DOE O 410.2,<br>Attachment 1 CRD        | 08/17/09   | Management of Nuclear Materials   | M133<br>06/11/10 |
| DOE O 412.1A Chg 1                      | 05/21/14   | Work Authorization System   | 275<br>07/8/14   |
| DOE O 413.1B,<br>Attachment 1 CRD       | 10/28/08   | Internal Control Program  | M103<br>10/06/09 |
| DOE O 413.2B,<br>Attachment 2 CRD       | 04/19/06   | Laboratory Directed Research and Development  | A019<br>04/26/07 |
| DOE O 413.3B,<br>Attachment 1 CRD       | 11/29/10   | Program and Project Management for the Acquisition of Capital Assets  | 157<br>01/21/11  |
| DOE O 414.1D,<br>Attachment 1 CRD       | 04/25/11   | Quality Assurance<br><b>NOTE:</b> Implementation as cited by PCM-11-230 dated 9/30/11   | 177<br>10/03/11  |
| DOE O 420.1C,<br>Attachment 1 CRD       | 12/04/12   | Facility Safety<br><b>NOTE:</b> Implementation as cited by PCM-13-076 dated 3/29/13 and Field Office Letter SO:40CK-513103 dated 5/31/13. | 241<br>09/26/13  |
| DOE O 420.2C,<br>Attachment 1 CRD       | 07/21/11   | Safety of Accelerator Facilities  | 177<br>10/03/11  |
| DOE O 422.1,<br>Attachment 1 CRD        | 06/29/10   | Conduct of Operations   | 157<br>01/21/11  |
| DOE G 424.1-1B                          | 04/08/10   | Implementation Guide For Use In Addressing Unreviewed Safety Question Requirements  | 150<br>10/05/10  |
| DOE O 425.1D,<br>Attachment 1 CRD       | 04/16/10   | Verification of Readiness to Start Up or Restart Nuclear Facilities   | 150<br>10/05/10  |
| DOE O 426.2,<br>Attachment 1 CRD        | 04/21/10   | Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities                                   | 150<br>10/05/10  |
| DOE O 430.1B Chg.1,<br>Attachment 2 CRD | 02/08/08   | Real Property Asset Management  | M046<br>06/11/08 |
| DOE O 433.1B,<br>Attachment 1 CRD       | 04/21/10   | Maintenance Management Program for DOE Nuclear Facilities   | 150<br>10/05/10  |
| DOE O 435.1 Chg 1,<br>Attachment 1 CRD  | 08/28/01   | Radioactive Waste Management  |                  |
| DOE M 435.1-1 Chg 1                     | 06/19/01   | Radioactive Waste Management Manual   |                  |
| DOE O 436.1,<br>Attachment 1 CRD        | 05/02/11   | Departmental Sustainability   | 183<br>02/06/12  |
| DOE O 440.2C Chg 1,<br>Attachment 1 CRD | 06/15/2011 | Aviation Management and Safety  | 246<br>11/14/13  |
| DOE M 441.1-1,<br>Attachment 1 CRD      | 03/07/08   | Nuclear Material Packaging Manual   | M056<br>10/08/08 |
| DOE O 442.1A,<br>Attachment 1 CRD       | 06/06/01   | Department Of Energy Employee Concerns Program  |                  |

| DIRECTIVE NUMBER                       | DATE     | DOE DIRECTIVE TITLE  | Mod #<br>Date    |
|--|----------|--|------------------|
| DOE O 442.2,<br>Attachment 1 CRD       | 07/29/11 | Differing Professional Opinions for Technical Issues Involving Environment, Safety, and Health   | 183<br>02/06/12  |
| DOE O 443.1B,<br>Attachment 1 CRD      | 03/17/11 | Protection of Human Research Subjects  | 177<br>10/03/11  |
| DOE O 452.1D,<br>Attachment 1 CRD      | 04/14/09 | Nuclear Explosive and Weapon Surety Program  | M078<br>07/01/09 |
| DOE O 452.2D,<br>Attachment 1 CRD      | 04/14/09 | Nuclear Explosive Safety   | M078<br>07/01/09 |
| DOE M 452.2-1A,<br>Attachment 1 CRD    | 04/14/09 | Nuclear Explosive Safety Manual  | M078<br>07/01/09 |
| DOE M 452.2-2,<br>Attachment 1 CRD     | 04/14/09 | Nuclear Explosive Safety Evaluation Processes  | M078<br>07/01/09 |
| DOE O 452.3,<br>Attachment 2 CRD       | 06/08/05 | Management of the Department of Energy Nuclear Weapons Complex   | A021<br>06/11/07 |
| DOE O 452.4A,<br>Attachment 1 CRD      | 12/17/01 | Security and Control of Nuclear Explosives and Nuclear Weapons   |                  |
| DOE O 452.6A,<br>Attachment 1 CRD      | 04/14/09 | Nuclear Weapon Surety Interface with the Department of Defense   | M078<br>07/01/09 |
| DOE O 452.7,<br>Attachment 1 CRD       | 05/14/10 | Protection of Use Control Vulnerabilities and Designs  | 150<br>10/05/10  |
| DOE O 452.8,<br>Attachment 1 CRD       | 07/21/11 | Control of Nuclear Weapon Data   | 183<br>02/06/12  |
| DOE O 456.1,<br>Attachment 1 CRD       | 05/31/11 | The Safe Handling of Unbound Engineered Nanoparticles  | 177<br>10/03/11  |
| DOE O 457.1,<br>Attachment 2 CRD       | 02/07/06 | Nuclear Counterterrorism   | A019<br>04/26/07 |
| DOE M 457.1-1,<br>Attachment 2 CRD     | 08/10/06 | Control of Improvised Nuclear Device Information   | A019<br>04/26/07 |
| DOE O 458.1 Chg 2,<br>Attachment 1 CRD | 06/06/11 | Radiation Protection of the Public and the Environment<br><b>NOTE:</b> Implementation as cited by LASO BA:30RP-407384 dated 1/5/12 and PCM-12-028 dated 2/9/12 | 177<br>10/03/11  |
| DOE O 460.1C,<br>Attachment 1 CRD      | 05/14/10 | Packaging and Transportation Safety  | 150<br>10/5/10   |
| DOE O 460.2A,<br>Attachment 2 CRD      | 12/22/04 | Departmental Materials Transportation and Packaging Management   | A019<br>04/26/07 |
| DOE M 460.2-1A,<br>Attachment 1 CRD    | 06/04/08 | Radioactive Material Transportation Practices Manual For Use With DOE O 460.2A   | M056<br>10/08/08 |
| DOE O 461.1B,<br>Attachment 1 CRD      | 12/20/10 | Packaging and Transportation for Offsite Shipment of Materials of National Security Interest   | 165<br>05/27/11  |
| DOE O 461.2,<br>Attachment 1 CRD       | 01/11/10 | Onsite Packaging and Transfer of Materials of National Security Interest   | 165<br>05/27/11  |
| DOE O 462.1,<br>Attachment 1 CRD       | 11/10/08 | Import and Export of Category 1 and 2 Radioactive Sources and Aggregated Quantities  | M069<br>04/21/09 |
| DOE O 470.3B                           | 08/12/08 | Graded Security Protection (GSP) Policy  | M062<br>01/15/09 |

Appendix G

| DIRECTIVE NUMBER                        | DATE     | DOE DIRECTIVE TITLE  | Mod #<br>Date    |
|---|----------|--|------------------|
| DOE O 470.4B Chg 1,<br>Attachment 1 CRD | 02/15/13 | Safeguards and Security Program<br><b>NOTE:</b> Implementation as cited by<br>PCM-13-248 dated 10/31/13.   | 249<br>12/19/13  |
| DOE O 471.1B,<br>Attachment 1 CRD       | 03/01/10 | Identification and Protection of Unclassified<br>Controlled Nuclear Information  | 177<br>10/03/11  |
| DOE O 471.3,<br>Attachment 1 CRD        | 04/09/03 | Identifying and Protecting Official Use Only<br>Information  |                  |
| DOE M 471.3-1,<br>Attachment 1 CRD      | 04/09/03 | Manual for Identifying and Protecting Official<br>Use Only Information   |                  |
| DOE O 471.5,<br>Attachment 1 CRD        | 03/29/11 | Special Access Programs  | 177<br>10/03/11  |
| DOE O 471.6 Chg 1<br>Attachment 1 CRD   | 11/23/12 | Information Security<br><b>NOTE:</b> Implementation as cited by<br>PCM-13-248 dated 10/31/13.  | 249<br>12/19/13  |
| DOE O 472.2, Chg 1<br>Attachment 2 CRD  | 10/08/13 | Personnel Security   | 263<br>04/08/14  |
| DOE O 473.3<br>Attachment 1 CRD         | 06/27/11 | Protection Program Operations<br><b>NOTE:</b> Implementation as cited by<br>PCM-13-248 dated 10/31/13.   | 249<br>12/19/13  |
| DOE O 474.2 Chg 2,<br>Attachment 1 CRD  | 11/19/12 | Nuclear Material Control and Accountability<br><b>NOTE:</b> Implementation as cited by<br>PCM-13-248 dated 10/31/2013.   | 249<br>12/19/13  |
| DOE O 475.1,<br>Attachment 2 CRD        | 12/10/04 | Counterintelligence Program  | A015<br>01/25/07 |
| DOE O 475.2A,<br>Attachment 1 CRD       | 02/01/11 | Identifying Classified Information   | 177<br>10/03/11  |
| DOE M 481.1-1A Chg 1                    | 09/28/01 | Reimbursable Work for Non-Federal<br>Sponsors Process Manual   |                  |
| DOE O 483.1A,<br>Attachment 1 CRD       | 11/06/13 | DOE Cooperative Research and<br>Development Agreements<br><b>NOTE:</b> Implementation as cited by<br>PCM-14-058 dated 3/14/14  | 263<br>04/08/14  |
| DOE O 484.1,<br>Attachment 2 CRD        | 08/17/06 | Reimbursable Work for Department of<br>Homeland Security   | A018<br>03/29/07 |
| DOE O 522.1,<br>Attachment 2 CRD        | 11/03/04 | Pricing of Departmental Materials and<br>Services  |                  |
| DOE O 534.1B,<br>Attachment 1 CRD       | 01/06/03 | Accounting   |                  |
| DOE O 551.1D,<br>Attachment 1 CRD       | 04/02/12 | Official Foreign Travel  | 192<br>05/21/12  |
| DOE O 580.1 Chg 1,<br>Attachment 2 CRD  | 05/08/08 | Department of Energy Personal Property<br>Management Program<br><b>NOTE:</b> Implementation as cited by<br>PCM-13-043 dated 3/4/13   | M056<br>10/08/08 |
| DOE O 5400.5 Chg 2                      | 01/07/93 | Radiation Protection of the Public and the<br>Environment<br><b>NOTE:</b> Removal contingent upon full imple-<br>mentation of DOE O 458.1 Chg 2 as cited by<br>LASO BA:30RP-407384 dated 1/5/12 and<br>PCM-12-028 dated 2/9/12 |                  |

| DIRECTIVE NUMBER                 | DATE           | DOE DIRECTIVE TITLE  | Mod #<br>Date    |
|----------------------------------|----------------|--|------------------|
| DOE O 5480.30 Chg 1              | 03/14/01       | Nuclear Reactor Safety Design Criteria   |                  |
| DOE O 5639.8A                    | 07/23/93       | Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities  |                  |
| DOE O 5670.1A                    | 01/15/92       | Management and Control of Foreign Intelligence   |                  |
| DOE HDBK 1169-2003               | December 2003  | DOE Handbook Nuclear Air Cleaning Handbook (Chapter 8, Appendix A, B, C)   | M062<br>01/15/09 |
| DOE-STD-1027-92, Change 1        | September 1997 | Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23 Nuclear Safety Analysis Reports             |                  |
| DOE-STD-1186-2004                | August 2004    | Specific Administrative Controls   | M042<br>04/14/08 |
| DOE-STD-1189-2008                | March 2008     | Integration of Safety Into The Design Process  | M046<br>06/11/08 |
| DOE-STD-1212-2012                | June 2012      | Explosives Safety  | 201<br>09/3/12   |
| DOE-STD-3009-94, Change Notice 3 | March 2006     | Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Documented Safety Analysis                                   | M042<br>04/14/08 |
| DOE-STD-3011-2002                | December 2002  | Guidance for Preparation of Basis for Interim Operation (BIO) Documents  |                  |
| DOE-STD-3013-2012                | March 2012     | Stabilization, Packaging, and Storage of Plutonium-Bearing Materials<br><b>NOTE:</b> Implementation as cited by PCM-13-071 dated 3/25/13 | 229<br>05/13/13  |
| DOE-STD-3014-96                  | October 1996   | Accident Analysis for Aircraft Crash into Hazardous Facilities   |                  |
| DOE-STD-3015-2004                | May 2004       | Nuclear Explosive Safety Evaluation Process  | M062<br>01/15/09 |
| DOE-STD-3016-2006                | May 2006       | Hazard Analysis Reports for Nuclear Explosive Operations   | M069<br>04/21/09 |
| DOE-STD-3020-2005                | December 2005  | Specification for HEPA Filters Used by DOE Contractors   | 183<br>02/06/12  |
| DOE-STD-5506-2007                | April 2007     | Preparation of Safety Basis Documents for Transuranic (TRU) Waste Facilities   | M078<br>07/01/09 |
| 56XB, Revision 2                 | 02/27/04       | Development and Production (D&P) Manual  |                  |
| NNSA DP G PPBE-001               | 10/21/11       | Defense Programs (DP) Work Breakdown Structure (WBS)   | 192<br>05/21/12  |
| NNSA NA-1 SD G 1027              | 11/28/11       | Guidance of Using Release Fraction and Modern Dosimetric Information   | 192<br>05/21/12  |
| NA-1 SD 226.1A                   | 10/17/08       | NNSA Line Oversight and Contractor Assurance System Supplemental Directive   | M069<br>04/21/09 |
| NA SD O 350.2                    | 11/16/11       | Use of Management and Operating Contractor Employees for Services to NNSA in the Washington DC Area                                      | 183<br>02/06/12  |

Appendix G

| DIRECTIVE NUMBER       | DATE         | DOE DIRECTIVE TITLE   | Mod #<br>Date    |
|------------------------|--------------|---|------------------|
| NA SD M 452.3-1        | 12/10/09     | Defense Programs Business Requirements and Processes Manual<br><b>NOTE:</b> Include RMI Chapters: R002, R007, R008, R010 per LASO approval 9/22/11 (Mod 177) R016 per LASO approval 6/12/12 (Mod 196) R018 per LASO approval 7/23/12 (Mod 196) R001, R003, R006 per Field Office approval 7/23/13 and as cited by PCM-13-149 7/1/2013 (Mod 246) | M133<br>06/11/10 |
| NA-10 WQAP Manual      | 03/30/09     | NNSA Office of Defense Programs (NA-10) Weapon Quality Assurance Procedures Manual  | M078<br>07/01/09 |
| NAP 14.1C, Chapter VII | 05/02/08     | NNSA Baseline Cyber Security Program, Chapter VII Incident Management   | 229<br>05/13/13  |
| NAP 14.1D              | 12/14/12     | Baseline Cyber Security<br><b>NOTE:</b> Implementation as cited by PCM-13-092 dated 4/12/13   | 229<br>05/13/13  |
| NAP 14.3-B             | 05/02/08     | Transmission of Restricted Data Over Secret Internet Protocol Router Network (SIPRNet)  | M062<br>01/15/09 |
| NAP 23                 | 08/20/13     | Atomic Energy Act Control of Import and Export Activities   | 249<br>12/19/13  |
| NAP 24                 | 06/20/13     | Weapon Quality Policy   | 263<br>04/08/14  |
| NAP 25 Chg 1           | 10/10/13     | Management and Operating Contractor Business Meals and Light Refreshment  | 249<br>12/19/13  |
| BOP-003.0404           | 07/28/04     | Requests to Defense Contracting Audit Agency (DCAA) for Audit of M&O Contractor Subcontracts  |                  |
| NFPA 70E               | 2012 Edition | Standard for Electrical Safety in the Work Place  | 246<br>11/14/13  |