

### The Secretary of Energy

Washington, DC 20585

April 22, 2020

#### MEMORANDUM FOR MARK W. MENEZES UNDER SECRETARY OF ENERGY

PAUL M. DABBAR UNDER SECRETARY FOR SCIENCE

LISA E. GORDON-HAGERTY UNDER SECRETARY FOR NUCLEAR SECURITY ADMINISTRATOR, NNSA

FROM:

DAN BROUILLETTE

SUBJECT:

Temporary Suspension and Exercise of Enforcement Discretion for Certain Safety Requirements and Requirements During Pendency of the COVID-19 Crisis

On March 13, 2020, the President determined that the ongoing Coronavirus Disease 2019 (COVID-19) pandemic is of sufficient severity and magnitude to warrant an emergency determination under section 501(b) of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. 5121-5207, based on the fact that the United States is in the midst of a significant public health emergency, which the World Health Organization has officially declared as a global pandemic.

On March 15, the Acting Director of the Office of Management and Budget issued guidance (OMB Memorandum M-20-15) to Federal agencies directing department and agency leaders to assertively safeguard the health and safety of their workforce while remaining open to serve the American people and conduct mission critical functions.

In the few weeks since those actions, in an attempt to slow the spread of COVID-19, hundreds of millions of Americans have been asked not to go to their place of work or school, and not to leave their house at all, unless it is essential that they do so. As of April 7, a vast majority of states, the Navajo Nation and many cities and counties instructed residents to stay at home in an attempt to stunt the spread of COVID-19. This means at least 316 million people in at least 42 states, three counties, nine cities, the District of Columbia and Puerto Rico were urged to stay home. Yet the critical work of the Department of Energy must continue.

We have already taken steps to ensure the health and safety of our workforce, both Federal employees and contractor-employed workers. We have instituted maximum telework flexibilities for all Federal employees of the Department, including in our Washington Headquarters and DOE sites around the country. Departmental Elements are working with contracting officers and the Office of Management to maximize telework for contractors across the complex.

As we know, much of the work of the Department is managed through the issuance of Orders within the DOE Directives system. Appropriately, these Orders provide milestones and timeframes for measuring success and demonstrating compliance. In times of normal operation we fully expect those requirements to be met so that we can meet our mission goals. However, these are not normal times. Certain requirements in a number of DOE Directives, while important for typical operation, are difficult to adhere to during times of national crisis. Moreover, at a time when the vast majority of our workforce is teleworking to ensure their safety, it is not possible to comply with many of these requirements. However, we do not want our facilities and personnel to be in non-compliance with these requirements as they continue the important work of the Department.

Attached to this memorandum is a list of safety and security requirements contained in current DOE Directives that detail responsibilities and deadlines where compliance is adversely impacted because of this national emergency when maximum telework and social distancing activities are being implemented throughout the Department and which may therefore be suspended, at least initially, for 180 days. As such, I hereby order that obligations imposed by the specific requirements enumerated in the attachment be suspended, beginning March 13, 2020, for 180 days from the date they would otherwise apply. We will revisit the circumstances existing with regard to the COVID-19 pandemic prior to the expiration of this 180-day period to determine if this suspension should be continued. Additionally, if circumstance suggest doing so, this deadline may be terminated prior to the full 180 days, with 30-days' notice. At the end of the suspension, compliance with these requirements will resume in their normal course.

Similarly, attached to this memorandum is a list of safety and security requirements contained in current regulations issued and administered by DOE. By this memorandum, I am directing that the National Nuclear Security Administration (NNSA) and the DOE Office of Enterprise Assessments (EA) exercise regulatory enforcement discretion and not pursue enforcement actions for violations of those particular requirements, beginning on March 13, 2020, for 180 days. Correspondingly, DOE's Office of Acquisition Management, in coordination with the NNSA's Office of Acquisition and Project Management, will issue implementing guidance to contracting officers. We will revisit the circumstances existing with regard to the COVID-19 pandemic during this 180-day period to determine if this exercise of discretion should be continued. If the circumstances suggest doing so, this deadline may be terminated prior to the full 180 days, with 30-days' notice. NNSA and EA will jointly issue supplemental guidance on the enforcement discretion policy.

With regard to the attached lists of safety and security requirements contained in current DOE Orders, Directives and regulations, the requirements are those that have been identified as of the date of this memorandum. We will revisit these lists and add or remove requirements as necessary during the pendency of the emergency.

I strongly encourage all Programs document these deviations to ensure a smooth transition back to normal course and maintain communication with employees to discuss the decisions, risks, and impacts associated with deviations from Directives and regulatory requirements.

The Office of the Associate Under Secretary for Environment, Health, Safety and Security will work with Program Offices to implement this suspension. Please contact Matthew B. Moury, at (202) 586-5175, with any questions or concerns.

Attachments

cc:

Cheryl Ingstad, AITO S. Lane Genatowski, AR Matthew B. Moury, AU Sonya Baskerville, BPA Elliot Mainzer, BPA Alexander Gates, CESER Sean Plankey, CESER Randall Hendrickson, CF Melissa Burnison, CI Nate Martin, EA James E. Campos, ED Daniel R. Simmons, EE Linda Capuano, EI William "Ike' White, EM Steven Winberg, FE Bill Cooper, GC Poli Marmolejos, HG Steve Erhart, HC Theodore "Ted" Garrish, IA Kevin Frost, IE Teri Donaldson, IG Rocky Campione, IM Steven Black, IN Dong Kim, LP Carmelo Melendez, LM Ingrid Kolb, MA William Bookless, NA James McConnell, NA

Jeffrey Johnson, NA Bruce Diamond, NA Rita Baranwal, NE Bruce J. Walker, OE Tonya Makey, OO Benjamin Reinke, OP Bill Cooper, PA Paul Bosco, PM Kenneth Legg, SEPA Mike Wech, SWPA Barbara Smith, SWPA Marshall Boyken, SWPA Virgil Hobbs, SEPA Herbert Nadler, SEPA Mark A. Gabriel, WAPA Dionne Thompson, WAPA Charles R. Smith, SB Chris Fall, SC Conner Prochaska, TT

| Federal Substance Abuse Testing Program    |  |  |  |
|--|--|--|--|
| Source of Requirement Requirement          |  |  |  |
| DOE O 343.1, Federal                       |  |  |  |
| Substance Abuse Testing                    |  |  |  |
| Program                                    |  |  |  |
| DOE O 343.1 4.b.(1)                        | 4.b.(1) Employees in the positions listed in Appendix A, referred to as testing designated positions (TDP), are subject to random testing.   |  |  |
| DOE O 343.1 4.b.(2)                        | 4.b.(2) All applicants including current DOE employees, for TDP are subject to pre-employment (also referred to as applicant) testing.   |  |  |
| DOE O 343.1 4.b.(4)                        | 4.b.(4) Employees who volunteer to be included in the random testing program.  |  |  |
|  | Environmental Protection and ES&H Reporting  |  |  |
| Source of Requirement                      | Requirement  |  |  |
| DOE-STD-1090-2007,<br>Hoisting and Rigging | Crane operator training requires a periodic refresher training which includes a hands-on portion (classroom).  |  |  |
|  | Facility Safety  |  |  |
| Source of Requirement                      | Requirement  |  |  |
| Order 420, Facility Safety                 | Fire Protection requirements (all)<br>NEW REQUIREMENT:<br>For fire protection program requirements, the safety of personnel and facilities remains a priority. Therefore, during the<br>national emergency when maximum telework and social distancing activities are being implemented throughout to<br>Department, the Authority Having Jurisdiction (AHJ) has the authority to make modifications to the DOE approved Fi<br>Protection Program required per Chapter II of DOE Order 420.1C, <i>Facility Safety</i> . These modifications must focus of<br>changes to requirements that are unable to be completed because of the maximum telework and social distanci<br>DOE/Contractor workforce and must maintain the safety of personnel and facilities within the Department. The<br>changes also must be documented (with appropriate justification) by the AHJ, tracked during the national emergence<br>and communicated to the Program. |  |  |
| Integrated Safety Management               |  |  |  |
| Source of Requirement                      | Requirement  |  |  |
| DOE O 450.2B, Integrated                   | Appendix A Section c.(1)(b) A documented comprehensive self-assessment must be performed periodically (at intervals  |  |  |
| Safety Management                          | no greater than 2 years) based on the criteria presented in this Appendix.   |  |  |
| -  | Protective Force   |  |  |
| Source of Requirement                      | Requirement  |  |  |

| Source of Requirement                    | Requirement  |  |  |
|--|--|--|--|
|  | Physical Protection  |  |  |
| DOE O 473.3A                             | Attachment 2, Section B, 11.c. CPF Armorer refresher training.   |  |  |
| DOE O 473.3A                             | Attachment 2, Section B, 11.b.(1) CPF Armorer recertification.   |  |  |
| DOE O 473.3A                             | Attachment 2, Section B, 10.b. CPF Intermediate Force Instructor recertification.  |  |  |
| DOE O 473.3A                             | Attachment 2, Section B, 10.a. CPF Intermediate Force Instructor training.   |  |  |
| DOE O 473.3A                             | Attachment 2, Section B, 9.b. CPF Firearms Instructor recertification.   |  |  |
| DOE O 473.3A                             | Attachment 2, Section B, 9.a. CPF Firearms Instructor annual training.   |  |  |
|  | by line management annually (at least every 12 months).  |  |  |
|  | safety and health aspects of the safeguards and security program must include firearms safety and must be performed  |  |  |
| DOE O 473.3A                             | Appendix A, Section G. First Bullet and Attachment 2, Section M., 1.a. Formal appraisals or self-assessments of the  |  |  |
|  | exercises must be held annually (at least every 12 months).  |  |  |
| DOE O 473.3A                             | Appendix A, Annex 1, Section D. 2.c. (1) and Attachment 2, Annex 2, Paragraph 1.c.(1) Validation Force on Force  |  |  |
|  | ranges] annually (at least every 12 months) to test personnel preparedness in implementing the plan.   |  |  |
| DOE O 473.3A                             | Appendix A, Section D. 4.i. and Attachment 2, Section J. 4.i. Emergency response drills must be carried out [at firing   |  |  |
| DOE O 473.3A                             | Attachment 2, Section B, 12.c. FPF Armorer refresher training.   |  |  |
| DOE O 473.3A                             | Attachment 2, Section B, 12.b.(1) FPF Armorer recertification.   |  |  |
| DOE O 473.3A                             | Appendix A, Section D, 5.b.(3) FPF Live-Fire Shoot House Instructor training.  |  |  |
| DOE O 473.3A                             | Appendix A, Section D. 2.a. FPF firearms semiannual safety training.   |  |  |
| DOE O 473.3A                             | Appendix A, Section B, 11.b. FPF Intermediate Force Instructor recertification.  |  |  |
| DOE O 473.3A                             | Appendix A, Section B, 11.a. FPF Intermediate Force Instructor training.   |  |  |
| DOE O 473.3A                             | Appendix A, Section B, 10.b. FPF Firearms Instructor recertification.  |  |  |
| DOE O 473.3A                             | Appendix A, Section B, 10.a. FPF Firearms Instructor annual training.  |  |  |
| DOE O 473.3A                             | Appendix A, Section B, 8. Federal Protective Force (FPF) supervisor annual training.   |  |  |
|  | firearms on a semiannual basis.  |  |  |
| DOE O 473.3A                             | Appendix A. Section A, 4.g.(1) Each Federal Officer (FO)/Federal Agent (FA)/Special Agent (SA) must requalify on   |  |  |
| Operations                               |  |  |  |
| Protection Program                       |  |  |  |
| DOE O 473.3A,                            |  |  |  |
| Program                                  | protection strategies.   |  |  |
| DOE O 470.4B,<br>Safeguards and Security | Appendix A, Section 1, Chapter III, 4.c. Facilities/sites with denial protection strategies must conduct, in addition to the tests noted above, protective force exercises guarterly with a rotational schedule for multiple facilities requiring denial |  |  |

|                          | April 14, 2020   |  |
|--------------------------|--|--|
| DOE O 473.3A,            |  |  |
| Protection Program       |  |  |
| Operations               |  |  |
| DOE O 473.3A             | Attachment 3, Section A, Chapter IX. Paragraph 2.a.(2) The IDS must be tested when installed and annually (at least    |  |
|                          | every 12 months) thereafter.   |  |
| DOE O 473.3A             | Attachment 3, Section A, Chapter IX, Paragraph 3.b.(2) The IDS must be tested when installed and annually (at least    |  |
| DOL 0 473.3A             | every 12 months) thereafter to validate that it meets detection probability and confidence level requirements.         |  |
| DOE O 473.3A             | Attachment 3, Section A, Chapter IX, Paragraph 5.c. Line Supervision. Where data encryption is used, key changes must  |  |
| DOL 0 473.3A             | be made annually (at least every 12 months) and whenever compromise is suspected.                                      |  |
| DOE O 473.3A             | Attachment 3, Section C, Chapter IV, Paragraph 2.c.(1) The IDS must be tested when installed and annually (at least    |  |
| DOL 0 473.3A             | every 12 months) thereafter to validate that it meets detection probability and confidence level requirements.         |  |
|                          | Information Security   |  |
| Source of Requirement    | Requirement  |  |
| DOE O 471.6,             |  |  |
| Information Security     |  |  |
| DOE O 471.6              | Final marking of Working Papers and Living Documents.  |  |
| DOE O 471.6              | 36 month OPSEC assessments cycle.  |  |
|                          | Material Reporting   |  |
| Source of Requirement    | Requirement  |  |
| DOE O 474.2, Nuclear     |  |  |
| Material Control and     |  |  |
| Accountability           |  |  |
| DOE O 474.2              | DOE to DoD SNM transfers- Report by September 30th each year.  |  |
| DOE O 474.2              | DOE Material at NRC Licensees' Site- DOE program offices must ensure that the verifications be obtained at least every |  |
|                          | 12 months, but are not required for materials that have already been identified in the licensee's most recent material |  |
|                          | balance report, provided the report was submitted to NMMSS within the last 12 months.                                  |  |
| DOE-STD1194-2019,        | Material Balance Reports (MBRs) are to be submitted annually to NMMSS for the September 30th accounting period         |  |
| Nuclear Material Control | rial Control and reconciled with the NMMSS data.   |  |
| and Accountability       |  |  |
|                          | Physical Inventory   |  |
| Source of Requirement    | Requirement  |  |
| DOE O 474.2              | Frequency (metric) - Unless an alternative inventory frequency is documented with supporting justification based on    |  |
|                          | the effectiveness and timeliness of process and item monitoring, access controls, and material surveillance measures,  |  |
|                          |  |  |

|                  | the frequency for SNM inventories is: (1) Every 60 days (calendar days) for Category I and II process MBAs; (2) Every 6 months for Category I and II non processing MBAs; and (3) Every two years (24 months) for Category III or IV MBAs.  |              |                                |                           |                      |
|------------------|---|--------------|--------------------------------|---------------------------|----------------------|
| DOE-STD1194-2019 | <b>Physical Inventory Frequency</b> - Physical inventories of accountable nuclear materials shall be conducted at frequencies commensurate with the Category and operations conducted in each MBA in accordance with Table 6.5-2, unless an |              |                                |                           |                      |
|                  |   | <b>e</b> , , |                                | accordance with Table     | e 6.5-2, unless an   |
|                  | alternative inventory frequency is documented in the MC&A plan.<br>Table 6.5-2 Physical Inventory Frequencies   |              |                                |                           |                      |
|                  |   | Category¤    | Processing MBA¤                | Storage MBA¤              | c                    |
|                  |   | Ια           | 2 months¤                      | 6∙months¤                 | z                    |
|                  |   | II¤          | 2 months¤                      | 6∙months¤                 | z                    |
|                  |   | III¤         | 6∙months¤                      | 2 ·years¤                 | z                    |
|                  |   | IV¤          | 6 months¤                      | 2·years¤                  | r                    |
|                  | Inventory frequend<br>DOE line managem  | , ,          | alternative measures specified | d in Table 6.5-3 after re | view and approval by |

|                  | April 14, 2020  | Magunas                           |        |  |  |
|------------------|---|-----------------------------------|--------|--|--|
|                  | Table 6.5-3, Inventory Periods Based on Alternativ  |                                   |        |  |  |
|                  | for Category I and II Storage Loc   | ations                            |        |  |  |
|                  |   |                                   |        |  |  |
|                  | Alternative Inventory Control Measures'1'¤  | <b>Inventory</b> ·Period¤         | c      |  |  |
|                  | Formidable barriers¤  | 1 year¤                           | c      |  |  |
|                  | Hazardous environment¤  | 1 year¤                           | c      |  |  |
|                  | Bulk containment  | 1 year¤                           | c      |  |  |
|                  | Vault enhancement above baseline requirements   | 9·months¤                         | c      |  |  |
|                  | Continuous monitoring of physical or mechanical parameters  | 1 year¤                           | c      |  |  |
|                  | General (area-wide) confirmatory measurements   | 1 year¤                           | c      |  |  |
|                  | Continuous item observation <sup>2</sup> (e.g., video/image, laser surveillance)¤   | 2-years¤                          | c      |  |  |
|                  | Continuous item monitoring <sup>2</sup> (e.g., monitoring of serial number, TIDs, movement)¤  | 2 years¤                          | c      |  |  |
|                  | Mass <sup>2</sup> ·(load·cell)¤   | 2 yearso                          | c      |  |  |
|                  | Confirmatory measurements <sup>2</sup> on individual items (e.g.,   | 3 yearso                          | c      |  |  |
|                  | thermal, gamma, or neutron emission)  | 2                                 |        |  |  |
|                  | Quantitative measurements on individual items <sup>a</sup>  | May qualify as a                  | c      |  |  |
|                  |   | continuous inventory <sup>2</sup> | α l    |  |  |
|                  | <sup>1</sup> When multiple measures are used for storage MBAs, the inventory per<br>long as the alternative measures function independently.¶   | riods-are-additive-as-            | Ľ      |  |  |
|                  | <sup>2</sup> If the measurements are both item- and material-specific and there is a<br>measurements are correct, the monitoring may qualify as a continuous p<br>considered a continuous physical inventory, automated measurements r<br>second-to-second basis. <sup>22</sup> | physical inventory. To be         |        |  |  |
| DOE O 474.2      | <b>Reconciliation (metric)</b> - Inventory reconciliation is complete within 30 days from initiating the inventory taking,  |                                   |        |  |  |
|                  | following receipt of all inventory information, measurement data, and sample analyses.  |                                   |        |  |  |
| DOE-STD1194-2019 | <b>Reconciliation</b> - Procedures shall be established and approved to reconcile physical inventory with the book inventory  |                                   |        |  |  |
| -                | (and adjusted if necessary) within 30 calendar days following receipt of all inventory information (including sample and  |                                   |        |  |  |
|                  | analysis data). The procedures shall address responding to and reporting missing items and inventory differences in   |                                   |        |  |  |
|                  | excess of control limits. (See Section 6.1.8) Inventory reconciliation shall be completed before starting the next physical   |                                   |        |  |  |
|                  | inventory.  |                                   |        |  |  |
| DOE-STD1194-2019 | Performance Testing of all MC&A system elements - Safeguards and security   | performance tests involving       | z MC&A |  |  |
|                  | system elements shall be performed at least every 365 days (annually not to exceed twelve months).  |                                   | ,      |  |  |

| DOE (TD 4404 2010       | April 14, 2020   |  |  |
|-------------------------|--|--|--|
| DOE-STD1194-2019        | Daily Administrative Check (DAC) - The DAC shall be performed by facility personnel each day that the MBA is entered                               |  |  |
|                         | and shall be performed in all rooms entered if the MBA consists of more than one room.   |  |  |
| DOE-STD1194-2019        | Daily Administrative Check (DAC) - On workdays in which an entry is not made into an MBA, the status of the intrusion                              |  |  |
|                         | detection system shall be checked and documented.  |  |  |
| DOE-STD1194-2019        | <b>Control Limits</b> - All control charts shall be reviewed by a person responsible for measurement control at least monthly,                     |  |  |
|                         | unless the measurement system was not used during that period.   |  |  |
|                         | Program Planning and Management  |  |  |
| Source of Requirement   | Requirement  |  |  |
| DOE O 470.4B            | Final closure reports for Category A incidents must be submitted within 90 calendar days of preliminary incident notification.                     |  |  |
| DOE Order 470.6         | Survey periods - ODFSA have the ability to accept the risk not meeting schedule requirements. Extended completion                                  |  |  |
| Classified annex        | dates to allow for restart.  |  |  |
|                         | Personal Security  |  |  |
| Source of Requirement   | Requirement  |  |  |
| DOE O 472.2, Personnel  |  |  |  |
| Security                |  |  |  |
| DOE O 472.2             | Attachment 2, 2.a. CPSOs may accept negative results of a drug test dated within 180 calendar days of the individual's                             |  |  |
|                         | SF 86 signature.   |  |  |
| DOE O 472.2             | 4.e. Reciprocity Cases - CPSOs may accept negative results of a drug test administered within 180 calendar days of the security clearance request. |  |  |
| DOE O 472.2             | 4.f. Reinstatement and Reapprovals - CPSOs may accept negative results of a drug test dated within 180 calendar days                               |  |  |
|                         | of the individual's signature on his or her SF-86.   |  |  |
|                         | Identifying Classified Information   |  |  |
| Source of Requirement   | Requirement  |  |  |
| DOE 475.2B, Identifying |  |  |  |
| Classified Information  |  |  |  |
| DOE 475.2B              | 4.i.(12), 4.j.(10), Requirement to compile statistics  |  |  |
| DOE 475.2B              | Attachment 3, 2c, Classification Guidance; Guidance distribution within 60 calendar days   |  |  |
| DOE 475.2B              | Attachment 4, 4a and b, Classification/Declassification Review Requirements; Respond to classification challenges and                              |  |  |
|                         | appeals within 60 days   |  |  |
| DOE 475.2B              | Attachment 5, 1, Classification Program Evaluations; Classification Program Self-assessments and Evaluations                                       |  |  |
|                         | requirements Program Classification Officers, Classification Officer and Headquarter Classification Representatives                                |  |  |
|                         |  |  |  |

| DOE 475.2B | Attachment 5, 2, Classification Decision review requirements for Program Classification Representatives; Classification |  |
|------------|---|--|
|            | Officers and Headquarter Classification Representative  |  |
| DOE 475.2B | Attachment 5, 3, Correction action within 60 days of completion of assessments  |  |
| DOE 475.2B | Attachment 6, Classification Education Program; Refresher training requirements for:                                    |  |
|            | Individual with access to classified information  |  |
|            | Original Classifiers  |  |
|            | Program Classification Officers and Classification Officers   |  |
|            | Headquarters Classification Representatives and Alternates  |  |
|            | Derivate Classifiers (including email DCs)  |  |
|            | Derivative Declassifiers  |  |
|            |   |  |

| Worker Substance Abuse Programs                                  |   |  |  |
|--|---|--|--|
| Source of Requirement  | Requirement   |  |  |
| 10 CFR Part 707,<br>Workplace Substance<br>Abuse                 | Each workplace substance abuse program will provide for random testing for evidence of the use of illegal drugs of employees in testing designated positions at identified in §707.7  |  |  |
|  | Occupational Radiation Protection   |  |  |
| Source of Requirement  | Requirement   |  |  |
| 10 CFR Part 835,<br>Occupational Radiation<br>Protection         |   |  |  |
| §835.1202  | Each accountable sealed radioactive source shall be inventoried at intervals not to exceed six months.  |  |  |
| §835.901(e)  | Radiation safety training shall be provided to individuals when there is a significant change to radiation protection policies and procedures that may affect the individual and at intervals not to exceed 24 months.                        |  |  |
| §835.102   | Internal audits of the radiation protection program, including examination of program content and implementation, shall be conducted through a process that ensures that all functional elements are reviewed no less frequently than months. |  |  |
|  | Worker Health and Safety  |  |  |
| Source of Requirement  | Requirement   |  |  |
| 10 CFR Part 851, Worker<br>Health and Safety<br>Program, §851.23 |   |  |  |
| NFPA 70E, Standard for<br>Electrical Safety in the<br>Workplace  |   |  |  |
| NFPA 70E   | Annual refresher training requirement for cardiopulmonary resuscitation and automated defibrillator.  |  |  |
| NFPA 70E   | Retraining in safety-related work practices shall be performed at intervals not to exceed three years for lockout/tagout.   |  |  |
| NFPA 70E   | Retraining for lockout/tagout is required at intervals not to exceed 3 years.   |  |  |
| 29 CFR Part 1910,<br>Occupational Safety<br>and Health Standards |   |  |  |
| §1910.95(g)(6)   | Occupational noise exposure: Annual audiogram. At least annually after obtaining the baseline audiogram, the employer shall obtain a new audiogram for each employee exposed at or above an 8-hour time-weighted average of 85 decibels       |  |  |

| §1910.95(k)(2)                     | Occupational noise exposure: The Training program (k)(1) shall be repeated annually for each employee included in the hearing conservation program. Information provided in the training program shall be updated to be consistent with changes in protective equipment and work processes.   |  |  |
|------------------------------------|---|--|--|
| §1910.119(g)(2)                    | Process safety management of highly hazardous chemicals: Refresher training. Refresher training shall be provided at<br>least every three years, and more often if necessary, to each employee involved in operating a process to assure that<br>the employee understands and adheres to the current operating procedures of the process. The employer, in<br>consultation with the employees involved in operating the process, shall determine the appropriate frequency of<br>refresher training.        |  |  |
| §1910.120(e)(8) /<br>1926.65(e)(8) | Hazardous waste operations and emergency response. Refresher training. Employees specified in paragraph §1910.120(e)(1), and managers and supervisors specified in paragraph §1910.120(e)(4) of this section, shall receive eight hours of refresher training annually on the items specified in paragraph §1910.120(e)(2) and/or §1910.120(e)(4) this section, any critique of incidents that have occurred in the past year that can serve as training examples of relat work, and other relevant topics. |  |  |
| §1910.134(d)(1)(ii)                | The employer shall select a NIOSH-certified respirator. Limited to N95 equivalent filtering face-piece respirators used for bio aerosols (e.g., viruses) only when NIOSH certified N95 respirators are unavailable.   |  |  |
| §1910.134(f)(2)                    | Respiratory protection. The employer shall ensure that an employee using a tight-fitting facepiece respirator is fit teste at least annually thereafter.  |  |  |
| §1910.134(k)                       | Respiratory Protection. Training and information. This paragraph requires the employer to provide effective training to employees who are required to use respirators. The training must be comprehensive, understandable, and recur annually, and more often if necessary.   |  |  |
| §1910.134(e)(3)                    | Respiratory protection. Respirator follow-up medical examination  |  |  |
| §1910.146(g)                       | Permit Required Confined Spaces re-training (one-time training unless change in assigned duties; change in the permit space operations; employer has reason to believe that there are deviations from the permit space entry procedures.  |  |  |
| §1910.147(c)(7)(iii)               | Hazardous Energy Control Retraining (Only under specific conditions: reestablish employee proficiency; new or revised control methods, as necessary.)   |  |  |
| §1910.157(g)(2)                    | Portable Fire Extinguishers. The employer shall provide the education required in paragraph §1910.157(g)(1) of this section at least annually.  |  |  |
| §1910.178(I)(4)(iii)               | Powered industrial trucks operator performance evaluation every 3 years   |  |  |
| §1910.1001(j)(7)(i)                | Asbestos: Training shall be provided at least annually thereafter.  |  |  |
| §1910.1001(l)(3)(i)                | Asbestos: Periodic medical examinations shall be made available annually.   |  |  |
| §1910.1025(I)(1)(iv)               | Lead: The training program shall be repeated at least annually for each employee.   |  |  |
| §1910.1027(I)(4)(i)                | Cadmium: A periodic medical examination shall be providedbiennially.  |  |  |
| §1910.1027(m)(4)(i)                | Cadmium: Training shall be provided least annually.   |  |  |
|                                    |   |  |  |

| "§1910.1028(i)(3)(i)    | Benzene: For all workers required to wear respirators for at least 30 days a year, requires annual medical examination. |  |
|-------------------------|---|--|
| §1910.1028(j)(3)(i)     | Benzene: If exposures (to benzene) are above the action level, employees shall be provided with information and         |  |
|                         | training at least annually thereafter.  |  |
| §1910.1030(g)(2)(ii)(B) | Blood borne pathogens: Training shall be provided at least annually.  |  |
|                         | Respirable Crystalline Silica:. Periodic examinations. The employer shall make available medical examinations that      |  |
| §1910.1053(i)(3)        | include the procedures described in paragraph (i)(2) of this section (except paragraph (i)(2)(v)) at least every three  |  |
|                         | years, or more frequently if recommended by the PLHCP.  |  |
|                         | Beryllium   |  |
| Source of Requirement   | Requirement   |  |
| 10 CFR 850, Chronic     |   |  |
| Beryllium Disease       |   |  |
| Prevention Program      |   |  |
| 89E0 24/b//2)           | Periodic Evaluation (i) The responsible employer must provide to beryllium workers a medical evaluation annually, and   |  |
| §850.34(b)(2)           | to other beryllium-associated workers a medical evaluation every three years.   |  |
| §850.37(d)              | The responsible employer must provide the training required by this section at least every two years.                   |  |
|                         | Electrical Safety Codes   |  |
| Source of Requirement   | Requirement   |  |
| NFPA 1582, Standard on  |   |  |
| Comprehensive           |   |  |
| Occupational Medical    | Annual pulmonary testing for powered air purification use.  |  |
| Program for Fire        |   |  |
| Departments.            |   |  |
|                         | Transportation  |  |
| Source of Requirement   | Requirement   |  |
| 49 CFR Part 172,        |   |  |
| Transportation          |   |  |
| §172.704(c)(2)          | Training required for employee qualification and certification and retraining at least every 3 years.                   |  |
|                         | Access to Classified Materials  |  |
|                         | Human Reliability   |  |
| Source of Requirement   | Requirement   |  |
| 10 Part CFR 712, Human  |   |  |
| Reliability Program     |   |  |
| §712.11(a)(2)           | Signed releases, acknowledgements, and waivers to participate in the HRP on forms provided by the DOE.                  |  |

| April 14, 2020 |  |
|----------------|--|
|----------------|--|

| Completion of initial and annual HRP instruction as provided in §712.17.  |  |
|---|--|
| Successful completion of an initial and annual supervisory review, medical assessment, management evaluation, and a |  |
| DOE personnel security review.  |  |
| An initial drug test and random drug test for the use of illegal drugs at least once each 12 months.                |  |
| An initial alcohol test and random alcohol tests at least once each 12 months.                                      |  |
| For designated positions, identified pursuant to 10 CFR part 709, successful completion of a counterintelligence    |  |
| evaluation, which may include a counterintelligence-scope polygraph examination in accordance with DOE's Polygraph  |  |
| Examination Regulation, 10 CFR Part 709, and any subsequent revisions to that regulation.                           |  |
| Protective Force  |  |
| Requirement   |  |
|   |  |
|   |  |
|   |  |
| PF annual medical and physical readiness standards in 10 CFR Part 1046.   |  |
| PF semi-annual weapons qualifications.  |  |
| PF annual training requirements.  |  |
| If C19 restrictions continue through July, Executive Protection (AU-1.23) may need relief from 1046 training        |  |
| requirements that are being addressed directly through AU-50.   |  |
| Physical Protection Medical Directors (PPMDs) annual requirements pursuant to 10 CFR §1046.4(e) & (g).              |  |
| PF supervisor annual training.  |  |
| Firearms Instructor annual training.  |  |
| Intermediate Force Instructor training.   |  |
| Live-Fire Shoot House Instructor training.  |  |
| Firearms safety training.   |  |
| Semi-annual IDS testing shall be conducted.   |  |
|   |  |
|   |  |
|   |  |