

2 AMENDMENT/MODIFICATION NO 0479 3 EFFECTIVE DATE 08/12/2014 4 REQUISITION/PURCHASE REQ NO 5 PROJECT NO (If applicable)

6 ISSUED BY CODE 00901 7 ADMINISTERED BY (If other than Item 6) CODE
 Savannah River Operations
 U.S. Department of Energy
 Savannah River Operations
 P.O. Box A
 Aiken SC 29802

8 NAME AND ADDRESS OF CONTRACTOR (No. street county State and ZIP Code)
 SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
 Attn: LLOYD CLEVINGER
 203 LAURENS ST SW
 AIKEN SC 298012401

9A AMENDMENT OF SOLICITATION NO (x)
 9B DATED (SEE ITEM 11)
 10A MODIFICATION OF CONTRACT/ORDER NO. X DE-AC09-08SR22470
 10B DATED (SEE ITEM 13) 01/10/2009

CODE 798861048 FACILITY CODE

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)
 No Change to Accounting and Appropriation Data

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 Clause I.138-DEAR 970.5204-2 Laws, Regulations, and DOE Directives (Dec 2000) (Deviation) (Amendment 003)
	D OTHER (Specify type of modification and authority)

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

14 DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible)
 A. The purpose of this modification is to revise and update the list of DOE Directives and Orders applicable to this contract under Section J.
 B. Section J - Appendix E - List B/Applicable DOE Directives and Orders (Amendment 003) is deleted in its entirety and is replaced by Section J - Appendix E attached hereto.
 C. All other terms and conditions of the contract remain unchanged.

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 CONTRACTOR **John W. Temple, Senior Vice President
 Contracts Management** 16A NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James Lovett
 15B CONTRACTOR/OFFEROR *John W. Temple* 15C DATE SIGNED 8/12/2014 16B UNITED STATES OF AMERICA 16C DATE SIGNED
 (Signature of person authorized to sign) (Signature of Contracting Officer)

PART III – LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

APPENDIX E

**APPENDIX E – LIST B/APPLICABLE DOE DIRECTIVES AND ORDERS
(AMENDMENT 003)**

Pursuant to the clause in Section I entitled, DEAR 970.5204-2 “Laws, Regulations, and DOE Directives,” the Contractor shall adhere to the ES&H requirements compliance process delineated in the Site Standards/ Requirements Identification Document (S/RID). For requirements other than ES&H, the contractor shall adhere to the existing DOE directive requirements that are the basis for established procedures and programs until authorized approvals are obtained to deviate from established requirements. The S/RID, and superseding versions thereof, are hereby incorporated by reference.

The Contracting Officer, or designated representative, may, from time to time via issuance of a Contract Administration Notice (CAN) or other means, revise the ES&H requirements and non ES&H requirements (i.e., List B as referred to in this clause).

The following is the DOE approved List B set of requirements as of 8/11/2014

Directive	ES&H REQUIREMENTS Title	Date Issued/ Rev.
10 CFR 1021	National Environmental Policy Act Implementing Procedures	---
10 CFR 436	Federal Energy Management and Planning Programs	---
10 CFR 707	Workplace Substance Abuse Programs at DOE Sites	---
10 CFR 708	DOE Contractor Employee Protection Program	---
10 CFR 71	Packaging and Transportation of Radioactive Material	---
10 CFR 820	Procedural Rules for DOE Nuclear Activities	---
10 CFR 830	Nuclear Safety Management	---
10 CFR 835	Occupational Radiation Protection	---
10 CFR 851	Worker Safety and Health Program	---
10 CFR 962	Byproduct Material	---
33 CFR 153	Control of Pollution by Oil and Hazardous Substances, Discharge Removal	---
33 CFR 320	General Regulatory Policies	---
33 CFR 322	Permits for Structures or Work in or Affected Navigable Waters of the United States	---
33 CFR 323	Permits for Discharges of Dredged or Fill Material into Waters of the United States	---
33 CFR 325	Processing of Department of Army Permits	---
33 CFR 326	Enforcement	---
33 CFR 327	Public Hearings	---
33 CFR 328	Definition of Waters of the United States	---

Directive	ES&H REQUIREMENTS Title	Date Issued/ Rev.
33 CFR 329	Definition of Navigable Waters of the United States	---
33 CFR 330	Nation Wide Permit Program	---
40 CFR 110	Discharge of Oil	---
40 CFR 112	Oil Pollution Prevention	---
40 CFR 116	Designation of Hazardous Substances	---
40 CFR 117	Determination of Reportable Quantities for Hazardous Substances	---
40 CFR 122	EPA Administered Permit Programs: The National Pollutant Discharge Elimination System	---
40 CFR 125	Criteria and Standards for the National Pollution Discharge Elimination System	---
40 CFR 129	Toxic Pollutant Effluent Standards	---
40 CFR 131	Water Quality Standards	---
40 CFR 133	Secondary Treatment Regulation	---
40 CFR 136	Guidelines Establishing Test Procedures for the Analysis of Pollutants	---
40 CFR 141	National Primary Drinking Water Regulations	---
40 CFR 142	National Primary Drinking Water Regulations Implementation	---
40 CFR 143	National Secondary Drinking Water Regulations	---
40 CFR 144	Underground Injection Control Program	---
40 CFR 146	Underground Injection Control Program: Criteria and Standards	---
40 CFR 148	Hazardous Waste Injection Restrictions	---
40 CFR 149	Sole Source Aquifers	---
40 CFR 166	Exemption of Federal and State Agencies for Use of Pesticides Under Emergency Conditions	---
40 CFR 170	Worker Protection Standard	---
40 CFR 171	Certification Of Pesticide Applicators	---
40 CFR 191	Environmental Radiation Protection Standards For Management And Disposal Of Spent Nuclear Fuel, High-Level And Transuranic Radioactive Wastes	---
40 CFR 230	Section 404(b)(1) Guidelines for Specification of Disposal for Dredged or Fill Material	---
40 CFR 231	Section 404(c) Procedures	---
40 CFR 243	Guidelines for the Storage and Collection of Residential, Commercial, and Institutional Solid Waste	---
40 CFR 246	Source Separation for Materials Recovery Guidelines	---
40 CFR 247	Comprehensive Procurement Guideline for Products Containing Recovered Materials	---
40 CFR 257	Criteria for Classification of Solid Waste Disposal Facilities and Practices	---
40 CFR 260	Hazardous Waste Management System: General	---
40 CFR 261	Identification And Listing Of Hazardous Waste	---
40 CFR 262	Standards Applicable to Generators of Hazardous Waste	---

Directive	ES&H REQUIREMENTS Title	Date Issued/ Rev.
40 CFR 263	Standards Applicable to Transporters of Hazardous Waste	---
40 CFR 264	Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities	---
40 CFR 265	Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities	---
40 CFR 266	Standards For The Management Of Specific Hazardous Wastes And Specific Types Of Hazardous Waste Management Facilities	---
40 CFR 268	Land Disposal Restrictions	---
40 CFR 270	EPA Administered Permit Programs: The Hazardous Waste Permit Program	---
40 CFR 273	Standards for Universal Waste Management	---
40 CFR 279	Standards for the Management of Used Oil	---
40 CFR 280	Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks (UST)	---
40 CFR 300	National Oil and Hazardous Substances Pollution Contingency Plan	---
40 CFR 302	Designation, Reportable Quantities and Notification	---
40 CFR 355	Emergency Planning and Notification	---
40 CFR 370	Hazardous Chemical Reporting: Community Right-to-Know	---
40 CFR 372	Toxic Chemical Release Reporting: Community Right-to-Know	---
40 CFR 401	Effluent Guidelines and Standards: General Provisions	---
40 CFR 403	General Pretreatment Regulations for Existing and New Sources of Pollution	---
40 CFR 50	National Primary and Secondary Ambient Air Quality Standards	---
40 CFR 503	Standards for the Use or Disposal of Sewage Sludge	---
40 CFR 58	Ambient Air Quality Surveillance	---
40 CFR 60	Standards of Performance for New Stationary Sources	---
40 CFR 61	National Emission Standards for Hazardous Air Pollutants	---
40 CFR 68	Chemical Accident Prevention Provisions	---
40 CFR 69	Special Exemptions from Requirements of the Clean Air Act	---
40 CFR 707	Chemical Imports and Exports	---
40 CFR 717	Records and Reports of Allegations that Chemical Substances Cause Significant Adverse Reactions to Health or the Environment	---
40 CFR 747	Metalworking Fluids	---
40 CFR 761	Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions	---
40 CFR 763	Asbestos	---
40 CFR 82	Protection of Stratospheric Ozone	---
43 FR 4377	Radiation Protection Guidance to Federal Agencies for Diagnostic X-Rays	---
49 CFR 107	Hazardous Materials Program Procedures	---

Directive	ES&H REQUIREMENTS Title	Date Issued/ Rev.
49 CFR 171	General Information, Regulations and Definitions	---
49 CFR 172	Hazardous Materials Tables and Hazardous Materials Communications Regulations	---
49 CFR 173	Shippers - General Requirements for Shipments And Packagings	---
49 CFR 174	Carriage By Rail	---
49 CFR 177	Carriage By Public Highway	---
49 CFR 178 (Subpart K)	Specifications For Packagings	---
49 CFR 382	Controlled Substances and Alcohol Use And Testing	---
49 CFR 383	Commercial Driver's License Standards; Requirements and Penalties	---
49 CFR 385	Safety Fitness Procedures	---
49 CFR 386	Rules of Practice For Motor Carrier Safety and Hazardous Materials Proceedings -- Scope Of Rules, Definitions	---
49 CFR 387	Minimum Levels of Financial Responsibility for Motor Carriers	---
49 CFR 389	Rulemaking Procedures - Federal Motor Carrier Safety Regulations -- General	---
49 CFR 390	Federal Motor Carrier Safety Regulations; General	---
49 CFR 391	Qualifications Of Drivers	---
49 CFR 392	Driving of Motor Vehicles	---
49 CFR 393	Parts and Accessories Necessary for Safe Operation	---
49 CFR 395	Hours of Service of Drivers	---
49 CFR 396	Inspection, Repair, and Maintenance	---
49 CFR 397	Transportation of Hazardous Materials; Driving and Parking Rules	---
49 CFR 40	Procedures for Transportation Workplace Drug Testing Program -- General	---
50 CFR 17	Endangered and Threatened Wildlife and Plants	---
ADN-89-05-FF	Federal Facility Agreement for the Savannah River Site	8/16/1993
ANS 8.1	Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors	1/1/1998 R2007
ANS 8.10	Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement	9/14/1983 R2005
ANS 8.12	Nuclear Criticality Control and Safety of Homogeneous Plutonium-Uranium Fuel Mixtures Outside Reactors	1/1/1987 R2011
ANS 8.14	Use of Soluble Neutron Absorbers in Nuclear Facilities Outside Reactors	1/1/2004 R2011
ANS 8.15	Nuclear Criticality Control of Special Actinide Elements	1/1/1981 R2005
ANS 8.17	Criticality Safety Criteria for the Handling, Storage, and Transportation of LWR Fuel Outside Reactors	1/1/2004 R2009
ANS 8.19	Administrative Practices for Nuclear Criticality Safety	1/1/2005
ANS 8.20	Nuclear Criticality Safety Training	1/1/1991

Directive	ES&H REQUIREMENTS Title	Date Issued/ Rev.
		R2005
ANS 8.21	Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors	1/1/1995 R2011
ANS 8.22	Nuclear Criticality Safety Based on Limiting and Controlling Moderators	8/22/1997 R2011
ANS 8.24	Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations	1/1/2007 R2012
ANS 8.26	Criticality Safety Engineer Training and Qualification Program	1/1/2007 R2012
ANS 8.3	Criticality Accident Alarm System	1/1/1997 R2012
ANS 8.6	Safety in Conducting Subcritical Neutron-Multiplication Measurements in Situ	1/1/1983 R2010
ANS 8.7	Nuclear Criticality Safety In The Storage Of Fissile Materials	1/1/1998 R2012
ANS-8.23-2007	Nuclear Criticality Accident Emergency Planning and Response	3/23/2007
ANS-8.24-2008	Burnup Credit for LWR Fuel	1/1/2008
ANSI Z 358.1	Eye Wash and Shower Equipment, Emergency	1998
ANSI N323A - 1997	American National Standard: Radiation Protection Instrumentation Test and Calibration, Portable Survey Instruments	12/31/1997 1997
ANSI N42.18 - 1980	American National Standard: Specification and Performance of On-Site Instrumentation for Continuously Monitoring Radioactivity in Effluents	8/15/1980 91
ANSI N43.3 - 1993	American National Standard For General Radiation Safety - Installations Using Non-Medical X-Ray and Sealed Gamma-Ray Sources, Energies Up To 10 MeV	1/28/1993 93
ANSI/ANS-3.2	Administrative Controls And Quality Assurance For The Operational Phase Of Nuclear Power Plants	4/6/1989 94
ANSI/ASQ E4	Quality Systems For Environmental Data And Technology Programs -Requirements With Guidance For Use	2/4/2004
ANSI/HPS N43.2 - 2001	American National Standard: Radiation Safety for X-Ray Diffraction and Fluorescence Analysis Equipment	7/31/2001
ASME NQA-1-2008 w/2009 addenda	Quality Assurance Requirements for Nuclear Facility Applications	8/31/2009
Comm. Vehicle Safety Alliance	North American Uniform Vehicle Out-of-Service Criteria	4/1/1998 1
DOE LETTER AA-03- 007	Cancellation of Directive Implementation Instructions	8/19/2003
DOE LETTER OSQA- 08-0114	DOE-SR Letter OSQA-08-0114, Letter of Direction for DOE Order 420.1B Concerning Functional Area 12, Fire Protection	7/25/2008
DOE/RW-0333P	Quality Assurance Requirements and Description for the Civilian Radioactive Waste Management Program	10/1/2008 20
DOEM435.1-1	Radioactive Waste Management Manual, Chg. 2	6/8/2011

Directive	ES&H REQUIREMENTS Title	Date Issued/ Rev.
		Chg.2
DOEM460.2-1A	Radioactive Material Transportation Practices Manual	6/4/2008
DOEO150.1	Continuity Programs	5/8/08
DOEO151.1C	Comprehensive Emergency Management System	11/2/2005
DOEO153.1	Departmental Radiological Emergency Response Assets	6/27/2007
DOEO210.2A	DOE Corporate Operating Experience Program	4/8/2011
DOEO225.1B	Accident Investigations	3/4/2011
DOEO226.1B	Implementation of Department of Energy Oversight Policy	4/25/2011
DOEO232.2	Occurrence Reporting and Processing of Operations Information	3/12/2014 Chg. 1
DOEO231.1B	Environment, Safety and Health Reporting	11/28/2012 Chg. 1
DOEO243.1B	Records Management Program	7/8/2013 Chg. 1
DOEO251.1C	Departmental Directives Program	1/15/2009
DOEO414.1D	Quality Assurance	5/8/2013 Chg. 1
DOEO420.1B	Facility Safety	4/19/2010 Chg. 1
DOEO422.1	Conduct of Operations	6/25/2013 Chg. 1
DOEO425.1D	Startup and Restart of Nuclear Facilities	4/2/2013 Chg. 1
DOEO426.2	Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities	7/29/2013 (Chg. 1)
DOEO430.1B	Real Property Asset Management (ESH)	4/25/2011 2
DOEO433.1B	Maintenance Management Program for DOE Nuclear Facilities.	3/12/2013 Chg. 1
DOEO435.1	Radioactive Waste Management	8/28/2001 Chg. 1
DOEO436.1	Departmental Sustainability	5/2/2011
DOEO442.1A	Department of Energy Employee Concerns Program	6/6/2001
DOEO442.2	Differing Professional Opinions for Technical Issues Involving environmental, Safety and Health Concerns	7/29/2011
DOEO443.1B	Protection of Human Subjects	3/17/2011
DOEO450.1A	Environmental Protection Program	6/4/2008 0
DOEO451.1B	National Environmental Policy Act Compliance Program	6/25/10

Directive	ES&H REQUIREMENTS Title	Date Issued/ Rev.
		Chg 2
DOEO456.1	The Safe Handling of Unbound Engineered Nanoparticles	2/14/2013 Chg. 1
DOEO458.1	Radiation Protection of the Public and the Environment	1/15/2013 Chg. 3
DOEO460.1C	Packaging and Transportation Safety	5/14/2010
DOEO460.2A	Departmental Materials Transportation and Packaging Management	12/22/2004
DOEO461.1B	Packaging and Transfer or Transportation of Materials of National Security Interest	12/16/2010
DOEP450.4A	Safety Management System Policy	4/25/2011
DOE-STD-1088-95	Fire Protection for Relocatable Structures	6/1/1995 0
DOE-STD-1098-99	Radiological Control	7/1/1999 1999
DOE-STD-1186-2004	Specific Administrative Controls	8/1/2004
EM-QA-001	Environmental Management Quality Assurance Program	6/11/2012 Rev 1
EPA QA/R-5	Requirements for Quality Assurance Project Plans	3/30/2001 0
EPA/540/R-93/071	Data Quality Objectives	9/1/1993
EPA/SW-846	Test Methods For Evaluating Solid Waste	7/1/1992
FMDP - QARD	Fissile Materials Disposition Program - Quality Assurance Requirements Document	1/1/1999 0
IBC	International Building Code	---
ISO 9002	Quality System - Model for Quality Assurance Production and Installation	12/1/1994
NA-1 SD226.1A	NNSA Line Oversight And Contractor Assurance System Supplemental Directive	10/17/2008
NNSA NAP-24	NNSA NAP-24 Weapon Quality Policy	6/20/2013
PSLM-021606	Primary Standards Laboratory Memorandum	2/16/2006
Public Law 104-113	National Technology Transfer and Advancement Act of 1995	---
Public Law 108-375	National Defense Authorization Act for FY 2005	---
Public Law 109-58	Energy Policy Act of 2005	8/8/2005
SC R.19-450	Permits for Construction in Navigable Waters	---
SC R.51	South Carolina Environmental Certification Board	---
SC R.61-101	Water Quality Certification	---
SC R.61-104	Hazardous Waste Management Locations Standards	---
SC R.61-105	Infectious Waste Management Regulations	---
SC R.61-107	Solid Waste Management	---
SC R.61-30	Environmental Protection Fees	---

Directive	ES&H REQUIREMENTS Title	Date Issued/ Rev.
SC R.61-56	Individual Sewage Treatment and Disposal Systems	---
SC R.61-58	State Primary Drinking Water Regulations	---
SC R.61-62	Air Pollution Control Regulations and Standards	---
SC R.61-67	Standards For Wastewater Facility Construction	---
SC R.61-68	Water Classifications and Standards	---
SC R.61-69	Classified Waters	---
SC R.61-71	Well Standards	---
SC R.61-72	Procedures for Contested Cases	---
SC R.61-79	Hazardous Waste Management Regulations	---
SC R.61-81	State Environmental Laboratory Certification Program	---
SC R.61-82	Proper Closeout of Wastewater Treatment Facilities	---
SC R.61-86.1	Standards of Performance for Asbestos Projects	---
SC R.61-87	Underground Injection Control Regulations	---
SC R.61-9	Water Pollution Control Permits	---
SC R.61-92	Underground Storage Tank Control Regulations	---
SC R.72-300	Standards for Stormwater Management and Sediment Reduction	---
SC-Code, Title 40	Engineers and Land Surveyors	---
SCR.61-25	Retail Food Establishments	---

Directive	NON ES&H REQUIREMENTS Title	Date Issued Rev. 0004
DOEM140.1-1B	Interface with the Defense Nuclear Facilities Safety Board	3/20/2001 0
DOEM142.2-1	Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency	9/4/2008
DOEM200.1-1	Chapter 9, Public Key Cryptography and Key Management	2/15/2000
DOEM205.1-4	National Security System Manual	3/8/2007 0
DOEM205.1-5	Cyber Security Process Requirements Manual	8/12/2008 0
DOEM205.1-6	Media Sanitization Manual	12/23/2008 0
DOEM205.1-7	Security Controls for Unclassified Information Systems Manual	1/5/2009 0
DOEM205.1-8	Cyber Security Incident Management Manual	1/8/2009 0
DOEM471.3-1	Manual for Identifying and Protecting Official Use Only Information	1/13/2011 Chg. 1
DOEM481.1-1A	Reimbursable Work for Non-Federal Sponsors Process Manual	9/28/2001 Chg. 1
DOEM483.1-1	DOE Cooperative Research & Development Agreements Manual	1/12/2001
DOEN206.4	Personal Identity Verification	6/29/2007
DOEO130.1	Budget Formulation Process	9/29/1995
DOEO142.2A	Voluntary Offer Safeguards Agreement and Additional Protocol With the International Atomic Energy Agency	6/27/2013 Chg. 1
DOEO142.3A	Unclassified Foreign Visits And Assignments Program	10/14/2010
DOEO144.1	Department of Energy American Indian Tribal Government Interactions and Policy	11/6/2009 1
DOEO200.1A	Information Technology Management	12/23/2008
DOEO205.1A	Department of Energy Cyber Security Management Program	12/4/2008
DOEO206.1	Department of Energy Privacy Program	1/16/2009 0
DOEO221.1A	Reporting Fraud, Waste, And Abuse to the Office of Inspector General	4/19/2008 0
DOEO221.2A	Cooperation with the Office of Inspector General	2/25/2008 0
DOEO241.1B	Scientific and Technical Information Management	10/13/2010
DOEO227.1	Independent Oversight Program	8/30/2011
DOEO252.1A	Technical Standards Program	3/12/2013 Chg. 1

Directive	NON ES&H REQUIREMENTS Title	Date Issued Rev. 0004
DOEO350.1	Contractor Human Resource Management Programs	4/29/2013 4
DOEO350.2B	Use of Management and Operating or other Facility Management Contractor Employees for Services to DOE In The Washington, D.C., Area	5/31/2011
DOEO410.2	Management of Nuclear Materials	8/17/2009
DOEO412.1A	Work Authorization System	4/21/2005
DOEO413.1B	Internal Control Program	10/28/2008
DOEO413.2B	Laboratory Directed Research And Development	1/13/2011 Chg. 1
DOEO413.3B	Program And Project Management for the Acquisition of Capital Assets	11/29/2010
DOEO415.1	Information Technology Project Management	1/6/2013 Chg. 1
DOEO430.1B	Real Property Asset Management (Non-ESH)	4/25/2011 Chg. 2
DOEO440.2C	Aviation Management And Safety	6/22/2011 Chg. 1
DOEO452.3	Management of the Department of Energy Nuclear Weapons Complex	6/8/2005 0
DOEO452.7	Protection of Use Control Vulnerabilities and Designs	5/14/2010
DOEO452.8	Control of Nuclear Weapon Data	7/21/2011
DOEO462.1	Import and Export Of Category 1 and 2 Radioactive Sources and Aggregated Quantities	7/10/2013 Chg. 1
DOEO470.3B	Graded Security Protection (GSP) Policy	8/12/2008
DOEO470.4B	Safeguards and Security Program	2/15/2013 Chg. 1
DOEO470.5	Insider Threat Program	6/2/2014
DOEO471.1B	Identification and Protection of Unclassified Controlled Nuclear Information	3/1/2010
DOEO471.3	Identifying and Protecting Official Use Only Information	1/13/2011 Chg. 1
DOEO471.5	Special Access Programs	3/29/2011
DOEO471.6	Information Security	11/30/2012 Chg. 1
DOEO472.2	Personnel Security	10/8/2013 Chg. 1
DOEO473.3	Protection Program Operations	6/27/2011
DOEO474.2	Nuclear Material Control and Accountability	11/19/2012 Chg. 2
DOEO475.1	Counterintelligence Program	12/10/2004
DOEO475.2A	Identifying Classified Information	2/1/2011

Directive	NON ES&H REQUIREMENTS Title	Date Issued Rev. 0004
DOEO481.1C	Work for Others (Non-Department of Energy Funded Work)	1/24/2005
DOEO483.1A	DOE Cooperative Research and Development Agreements	11/6/2013
DOEO484.1	Reimbursable Work for Department of Homeland Security	3/14/2011 Chg. 1
DOEO522.1	Pricing of Departmental Materials and Services	11/3/2004
DOEO534.1B	Accounting	1/6/2003
DOEO551.1D	Official Foreign Travel	4/12/2012
DOEO580.1A	Department of Energy Personal Property Management	10/22/2012 Chg. 1
IBP-401	NWC Infrastructure Business Practice, Product Definition Exchange Process	11/30/2006 A
IBP-404	NWC Infrastructure Business Practice, Engineering Authorization System	12/17/2003 B
NASDM452.3-1	Defense Programs Business Requirements and Processes Manual	12/10/2009
NNSA NA-10	Weapon Quality Assurance Procedures Manual	3/30/2009
NNSA NAP 14.1-D	NNSA Baseline Cyber Security Program (Revised Implementing Plan, 5/1/2009)	12/14/2012
NNSA NAP 70.2	Physical Protection	7/2/10
NNSA NAP 70.4	Physical Security	7/2/10
NNSAM56XB	NNSA Development and Production Manual	2/27/2004/2
NNSAM56XBCH 2. 2	NNSA Manual 56XB, Chapter 2.2, Stop Work	2/15/2007 B9
NNSAM56XBCH 2. 8	NNSA Manual 56XB, Chapter 2.8, Technical Business Practice System	8/22/2007 C10
NNSAM56XBCH 6. 1	NNSA Manual 56XB, Chapter 6.1, Reporting, Special Procedures, and Disposition Of Defective Weapon Assemblies	2/15/2007 B9
NNSAM56XBCH 8. 1	NNSA Manual 56XB, Chapter 8.1, New Material And Stockpile Evaluation Test Program	12/6/2005 B5
NNSAM56XBCH 12. 3	NNSA Manual 56XB, Chapter 12.3, Risk Management Process for the Directed Stockpile Work Program	1/20/2006 A
NNSA RMI-R001	Product Realization	8/26/2013 C1
NNSA RMI-R002	Requirements Modernization and Integration System Management	3/20/2012 B4
NNSA RMI-R003	Product Definition Control	9/11/2013 B1
NNSA RMI-R006	6.X Process	8/26/2013 C1
NNSA RMI-R007	DSW Program Funding within PPBE Process	3/29/2012 A4
NNSA RMI-R008	Portfolio-Program-Project Management	3/27/2013

Directive	NON ES&H REQUIREMENTS Title	Date Issued Rev. 0004
		A3
NNSA RMI-R009	Risk and Opportunity Management	3/20/2012 A4
NNSA RMI-R010	Enterprise Need To Know	4/26/2012 A4
NNSA RMI-012	Requirements Engineering	3/20/2012 A6
PCSP 2.0	Program Cyber Security Plan	9/17/2010 2.0
PRS21301	NWC Standard For Qualification Of Digital Radiographic Imaging Techniques	2/15/2007 B
SRSPM 250.1.1C	Savannah River Site Policy Manual	9/4/2013
TBP	Nuclear Weapons Complex Applicable Technical Business Practice (TBP) Procedures	---
TBP-000	NWC Technical Business Practice, Program Management	5/4/2001 E
TBP-101	NWC Technical Business Practice, Engineering Evaluation Process	1/22/2007 H
TBP-200	NWC Technical Business Practice, Product Identification And Traceability	9/18/2006 E
TBP-201	NWC Technical Business Practice, Weapon Identification Systems And Marking Criteria	9/18/2006 D
TBP-402	NWC Technical Business Practice, Product Control	9/22/2004 F
TBP-403	NWC Technical Business Practice, Reviews	2/13/2006 E
TBP-404	NWC Technical Business Practice, Engineering Authorization System	5/4/2005 F
TBP-500	NWC Technical Business Practice, Records Management	10/2/2000 D
TBP-700	NWC Technical Business Practice, Product Acceptance and Control Of Nonconformance	3/11/2003 E
TBP-701	NWC Technical Business Practice, Acceptance Equipment Interfaces	4/19/2007 D
TBP-702	NWC Technical Business Practice, Nonconforming Material	5/29/2007 F
TBP-703	NWC Technical Business Practice, Product Reprocessing And Reworking	6/1/2001 D
TBP-704	NWC Technical Business Practice, Evaluation And Disposition Of Discrepant Weapon Material	10/2/2000 D
TBP-800	NWC Technical Business Practice, Stockpile Management	7/30/2001 F

Directive	NON ES&H REQUIREMENTS Title	Date Issued Rev. 0004
TBP-801	NWC Technical Business Practice, Laboratory And Flight Test Material	10/2/2000 D
TBP-804	NWC Technical Business Practice, Stockpile Support Material	12/6/2006 F
TBP-PRP	NWC Technical Business Practice, Product Realization Process	5/4/2001 E