

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGES
1 3

2. AMENDMENT/MODIFICATION NO. M526	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy Brookhaven Site Office 53 Bell Avenue, Building 464 Upton, NY 11973-5000	CODE 06005	7. ADMINISTERED BY (If other than Item 6) Code	06005

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) Brookhaven Science Associates, LLC 40 Brookhaven Avenue Building 460 Upton, New York 11973-5000	(✓)	9. A. AMENDMENT OF SOLICITATION NO.
		9. B. DATED (SEE ITEM 11)
	X	10. A. MODIFICATION OF Contract/Order NO. DE-AC02-98CH10886
CODE N/A FACILITY CODE N/A		10. B. DATED (SEE ITEM 13) 01/05/1998

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)
N/A

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input type="checkbox"/>	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.
<input type="checkbox"/>	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: Mutual agreement of the parties
<input type="checkbox"/>	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 heading, including solicitation/contract subject matter where feasible.)

This Modification is issued to revise Section C.6.1 – Recovery Act Project Category 1: “National Synchrotron Light Source II (NSLS-II)” has been amended in accordance with FY 2013 final Work Authorizations; Revise Part I, Section H – Special Contract Requirements, TOC; Update Clause H.32; Add Clause H.34; Revise Part II, Section I – Contract Clauses, TOC; Update clause I.39 and I.140; Add clause I.47; Revise Clause I.139, Obligation of Funds; Revise Part III – List of Documents, Exhibits and Other Attachments to replace Section J.5, Appendix E- Key Personnel; Replace Section J.9, Appendix I – DOE Directives.

15A. NAME AND TITLE OF SIGNER (Type or print) Doon Gibbs President	15C. DATE SIGNED 6/27/13	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Evelyn Landini Contracting Officer	16C. DATE SIGNED 6/27/13
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA		


(Signature of person authorized to sign)

BY 
(Signature of Contracting Officer)

Block 14 continued:

1. **Section C.6.1 – Recovery Act Project Category:** Replace the pages of this section with the attached revised pages which incorporate Work Authorization changes to the following:
 - a) C.6.1: National Synchrotron Light Source II (NSLS-II): This section is revised to reflect a no cost extension to the project completion date; replace the prior version of this section with the attached revised pages which incorporate authorized Work Authorization changes.
2. **Part I, Section H - Special Contract Requirements, Table of Contents (TOC):** The online version is revised to reflect an update to Clause H.32, and add Clause H.34; replace the prior versions with the revised attachments provided herein
3. **Section H - Special Contract Requirements,** This section is revised to reflect an update to Clause H.32, and add Clause H.34; replace the prior versions with the revised attachments provided herein.
 - a) Clause H.32, Lobbying Restriction: This clause has been revised in accordance with Acquisition Letter No. (AL-2013-06) dated MAY 14, 2013.
 - b) Clause H.34, Conference Spending Consolidated and Further Continuing Appropriations Act, 2013 for Management and Operating Contracts (May, 2013): This clause is hereby added to the contract as Clause H.34 in accordance with Acquisition Letter No. (AL-2013-06) dated May 14, 2013 which was previously "RESERVED".
4. **Part II, Section I – Contract Clauses, Table of Contents (TOC):** The online version is revised to reflect an update to Clauses I.39 and I.140. Add clause I.47.
5. **In Section I, Contract Clauses, the following clauses have been revised; replace the prior versions with the updated attachments provided herein.**
 - a) Clause I.39, FAR 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010): This clause has been revised to reflect the date of the clause to read "(DEC 2010)" from "(JUL 2010)", and make administrative changes to the language in accordance with Federal Acquisition Circular 2005-54 dated November 12, 2011.
 - b) Clause I.47, FAR 52.215-15, Pension Adjustments and Asset Reversions (OCT 2010): This clause is hereby added to the contract as Clause I.47 in accordance with guidance issued from Chicago Integrated Service Center.
 - c) Clause I.140, DEAR 970.5232-5, Liability With Respect To Cost Accounting Standards (DEC 2000): This clause has been revised to add the date of DEC 2010 to the table of contents page and make administrative changes to the language in accordance with Federal Register 65 FR 81009 dated December 20, 2000.
6. **Clause I.139, DEAR 970.5232-4, Obligation of Funds:** The first sentence of paragraph (a) is revised to read as follows: The amount presently obligated by the Government with respect to this Contract is \$8,246,298,810.87.

The revised total reflects an increase of \$182,822,631.46 as a result of modifications M517 through M526 from \$8,063,476,179.41 to \$8,246,298,810.87.
7. **Part III – List of Documents, Exhibits and Other Attachments:** The online version of this section is revised to reflect the following: replace Appendix E – Key Personnel and Appendix I – DOE Directives.

8. Section J.5, Appendix E – Key Personnel has been updated; replace the prior list with the updated list attached herein.
9. Section J.9, Appendix I – The DOE Directives list identified as Modification M517 has been revised; replace the prior version with the attached Appendix I, identified as Modification M526. The revisions are as follows:
 - a) Addition of Order 205.1B Chg. 2, Department of Energy Cyber Security Program, dated 3-15-13, cancels and removes Order 205.1B, Admin Chg. 1, dated 12-7-12, and Order 205.1B, dated 6-16-11.
 - b) Addition of Order 243.1B, Records Management Program, dated 3-11-13, cancels and removes Order 243.1A, dated 11-10-11.
 - c) Addition of new Compliance Note for Order 420.1C, Facility Safety, dated, 12-4-2012, "Compliance Note; Chapters 1, 3, and 5 are only applicable to BNL facilities categorized as hazardous category 1, 2 or 3 nuclear facilities. In the future, if needed, BNL will implement chapters 1, 3, and 5 as applicable if a hazard category 1, 2 or 3 nuclear facility is proposed by BNL and approved by DOE," cancels and removes "Compliance Note: Strategic Fire Safety Plan addresses a non-compliance to this Order, which was provided to and acknowledged by DOE. It is expected to take a number of years and additional staff effort to complete."

Attachments:

Section C – Recovery Act Project Category 1: Basic Energy Sciences

- C.6.1: National Synchrotron Light Source II

Section H – Special Contract Requirements

- Clause H.32
- Clause H.34

Section I – Contract Clauses

- Clause I.39
- Clause I.47
- Clause I.140

Part III, Section J, Part III – List of Documents, Exhibits and Other Attachments, Table of Contents

- Section J.5, Appendix E – Key Personnel
- Section J.9, Appendix I – DOE Directives

**C.6.1 – Recovery Act Project Category 1:
 Basic Energy Sciences (BES)**

- A. The American Recovery and Reinvestment Act of 2009 funds obligated under this Category in FY 2009 and FY 2010 are specified below in Section C.
- B. Clause I.139 DEAR 970.5232-4 “Obligation of Funds” has been adjusted accordingly.
- C. The specific on-going work is funded as follows:

<u>1. National Synchrotron Light Source II (NSLS-II) (\$150M)</u>	
<p>Statement of Work: These funds provided under 39KC02 are for the construction associated with the NSLS-II, Project Number 07-SC-06. Specifically, this funding is to be used to optimize project execution by acceleration of civil construction and advancement of the designs and procurements of Accelerator System Components as compared to the approved project baseline plan.</p> <p>Rev 02: The revised Work Authorization changes the completion date from September 2010 to May 2013 to reflect the completion date of the NSLS II Recovery Act scope.</p> <p>Rev 03: The revised Work Authorization changes the expected completion date from May 2013 to September 2013.</p> <p><i>The specific Contractor Recovery Act Statement of Work, Milestones, Outcomes and Measures, and Deliverables funded by this modification are identified in the following referenced Work Authorization:</i></p>	
Work Authorization Number	Work Authorization Title
KC/CH13/9, Rev 01, Rev 02, Rev 03 Project Code 2005010	Basic Energy Sciences – NSLS-II

CLAUSE H.32 – Lobbying Restriction (Consolidated and Further Continuing Appropriations Act, 2013)

The Contractor agrees that none of the funds obligated on this award shall be expended, directly or indirectly, to influence congressional action on any legislation or appropriation matters pending before Congress, other than to communicate to Members of Congress as described in 18 U.S.C. § 1913. This restriction is in addition to those prescribed elsewhere in statute and regulation.

CLAUSE H.34 – Conference Spending Consolidated and Further Continuing
Appropriations Act, 2013 for Management and Operating Contracts
(May, 2013)

The Contractor agrees that:

- a) No cost associated with conference activities shall be allowable under this contract unless the conference is directly and programmatically related to the purpose of the contract and the specific work authorization/order/task directing the conference activities.
- b) The Contractor shall follow the most current guidance issued by DOE concerning reporting of conference related activities and spending. The Contractor shall request, obtain approval (if \$100,000 or greater), and report all conference activities through the Conference Management Reporting and Approval Tool on the DOE iPortal at <https://iportal.doe.gov>.
- c) While a conference may be approved by DOE based on estimated cost and attendance to ensure federal funds are used for purposes that are appropriate, cost effective, and important to the core mission, only the Contracting Officer has authority to determine if the costs incurred by the Contractor are allowable, allocable, and reasonable.
- d) The Contractor and its employees, its sponsors, hosts and attendees shall aggressively seek to limit costs associated with a conference. Conference expenditures shall be kept to the minimum necessary to carry out the Department's mission and consistent with applicable portions of the Federal Travel Regulation, and 48 CFR chapter 1, the Federal Acquisition Regulation.
- e) The Contractor shall ensure its conference attendees conduct themselves with the highest level of professionalism and ethical behavior consistent with that expected of DOE employees.
- f) The Contracting Officer will ensure conference activities are included in the Contractor's annual audit plan.

Clause I.39 - FAR 52.222-40 Notification of Employee Rights Under the National Labor Relations Act (DEC 2010)

- (a) During the term of this contract, the Contractor shall post an employee notice, of such size and in such form, and containing such content as prescribed by the Secretary of Labor, in conspicuous places in and about its plants and offices where employees covered by the national Labor Relations Act engage in activities relating to the performance of the contract, including all places where notices to employees are customarily posted both physically and electronically, in the languages employees speak, in accordance with 29 CFR 471.2(d) and (f).
- (1) Physical posting of the employee notice shall be in conspicuous places in and about the Contractor's plants and offices so that the notice is prominent and readily seen by employees who are covered by the National Labor Relations Act and engage in activities related to the performance of the contract.
 - (2) If the Contractor customarily posts notices to employees electronically, then the Contractor shall also post the required notice electronically by displaying prominently, on any Web site that is maintained by the Contractor and is customarily used for notices to employees about terms and conditions of employment, a link to the Department of Labor's Web site that contains the full text of the poster. The link to the Department's Web site, as referenced in (b)(3) of this section, must read, "Important Notice about Employee Rights to Organize and Bargain Collectively with Their Employers."
- (b) This required employee notice, printed by the Department of Labor, may be—
- (1) Obtained from the Division of Interpretations and Standards, Office of Labor-Management Standards, U.S. Department of Labor, 200 Constitution Avenue, NW., Room N-5609, Washington, DC 20210, (202) 693-0123, or from any field office of the Office of Labor-Management Standards or Office of Federal Contract Compliance Programs;
 - (2) Provided by the Federal contracting agency if requested;
 - (3) Downloaded from the Office of Labor-management Standards Web site at <http://www.dol.gov/olms/regs/compliance/EO13496.htm> ; or
 - (4) Reproduced and used as exact duplicate copies of the Department of Labor's official poster.
- (c) The required text of the employee notice referred to in this clause is located at Appendix A, Subpart A, 29 CFR Part 471.

- (d) The Contractor shall comply with all provisions of the employee notice and related rules, regulations, and orders of the Secretary of Labor.
- (e) In the event that the Contractor does not comply with the requirements set forth in paragraphs (a) through (d) of this clause, this contract may be terminated or suspended in whole or in part, and the Contractor may be suspended or debarred in accordance with 29 CFR 471.14 and subpart 9.4. Such other sanctions or remedies may be imposed as are provided by 29 CFR part 471, which implements Executive Order 13496 or as otherwise provided by law.
- (f) Subcontracts.
 - (1) The Contractor shall include the substance of this clause, including this paragraph (f), in every subcontract that exceeds \$10,000 and will be performed wholly or partially in the United States, unless exempted by the rules, regulations, or orders of the Secretary of Labor issued pursuant to section 3 of Executive Order 13496 of January 30, 2009, so that such provisions will be binding upon each subcontractor.
 - (2) The Contractor shall not procure supplies or services in a way designed to avoid the applicability of Executive Order 13496 or this clause.
 - (3) The Contractor shall take such action with respect to any such subcontract as may be directed by the Secretary of Labor as a means of enforcing such provisions, including the imposition of sanctions for noncompliance.
 - (4) However, if the Contractor becomes involved in litigation with a subcontractor, or is threatened with such involvement, as a result of such direction, the Contractor may request the United States, through the Secretary of Labor, to enter into such litigation to protect the interests of the United States.

**Clause I.47 – FAR 52.215-15, Pension Adjustments and Asset Reversions
(OCT 2010)**

- (a) The Contractor shall promptly notify the Contracting Officer in writing when it determines that it will terminate a defined-benefit pension plan or otherwise recapture such pension fund assets.
- (b) For segment closings, pension plan terminations, or curtailment of benefits, the amount of the adjustment shall be—
 - (1) For contracts and subcontracts that are subject to full coverage under the Cost Accounting Standards (CAS) Board rules and regulations (48 CFR Chapter 99), the amount measured, assigned, and allocated in accordance with 48 CFR 9904.413-50(c)(12); and
 - (2) For contracts and subcontracts that are not subject to full coverage under the CAS, the amount measured, assigned, and allocated in accordance with 48 CFR 9904.413-50(c)(12), except the numerator of the fraction at 48 CFR 9904.413-50(c)(12)(vi) shall be the sum of the pension plan costs allocated to all non-CAS covered contracts and subcontracts that are subject to Federal Acquisition Regulation (FAR) [Subpart 31.2](#) or for which certified cost or pricing data were submitted.
- (c) For all other situations where assets revert to the Contractor, or such assets are constructively received by it for any reason, the Contractor shall, at the Government's option, make a refund or give a credit to the Government for its equitable share of the gross amount withdrawn. The Government's equitable share shall reflect the Government's participation in pension costs through those contracts for which certified cost or pricing data were submitted or that are subject to FAR [Subpart 31.2](#).
- (d) The Contractor shall include the substance of this clause in all subcontracts under this contract that meet the applicability requirement of FAR [15.408\(g\)](#).

Clause I.140 - DEAR 970.5232-5 Liability with Respect to Cost Accounting Standards (DEC 2000)

- (a) The contractor is not liable to the Government for increased costs or interest resulting from its failure to comply with the clauses of this contract entitled, "Cost Accounting Standards," and "Administration of Cost Accounting Standards," if its failure to comply with the clauses is caused by the contractor's compliance with published DOE financial management policies and procedures or other requirements established by the Department's Chief Financial Officer or Procurement Executive.

- (b) The contractor is not liable to the Government for increased costs or interest resulting from its subcontractors' failure to comply with the clauses at FAR 52.230-2, "Cost Accounting Standards," and FAR 52.230-6, "Administration of Cost Accounting Standards," if the contractor includes in each covered subcontract a clause making the subcontractor liable to the Government for increased costs or interest resulting from the subcontractor's failure to comply with the clauses; and the contractor seeks the subcontract price adjustment and cooperates with the Government in the Government's attempts to recover from the subcontractor.

U.S. Department of Energy

and

Brookhaven Science Associates, LLC

ATTACHMENT J.5

APPENDIX E

KEY PERSONNEL

**Applicable to the Operation of
The Brookhaven National Laboratory**

**Contract No. DE-AC02-98CH10886
Modification No. M526**

Appendix E Key Personnel

Pursuant to the clause entitled, "Key Personnel," the following positions are considered to be essential to work being performed.

<u>Name</u>	<u>Title</u>
Dr. Doon Gibbs	Director
Mr. Michael Bebon	Deputy Director for Operations
Dr. Doon Gibbs	Interim Deputy Director for Science & Technology
Mr. Lanny Bates	Assistant Laboratory Director, Facilities & Operations
Dr. William Bookless	Assistant Laboratory Director, Policy and Strategic Planning
Ms. Suzanne M. Davidson	Chief Financial Officer
Dr. Steven Dierker	Associate Laboratory Director, Photon Sciences
Ms. Anne Troutman	General Counsel
Mr. George Goode	Assistant Laboratory Director, ES&H
Ms. Margaret Lynch	Assistant Laboratory Director, Community, Education, Government & Public Affairs
Dr. Reinhold Mann	Associate Laboratory Director for Environment and Life Sciences
Dr. James Misewich	Associate Laboratory Director, Basic Energy Sciences
Dr. Gerald M. Stokes	Associate Laboratory Director, Global and Regional Solutions
Dr. Berndt Mueller	Associate Laboratory Director, Nuclear and Particle Physics

U.S. Department of Energy

and

Brookhaven Science Associates, LLC

ATTACHMENT J.9

APPENDIX I

DOE DIRECTIVES/LIST B

**Applicable to the Operation of
The Brookhaven National Laboratory**

**Contract No. DE-AC02-98CH10886
Modification No. M526**

APPENDIX I

DOE DIRECTIVES

There is no List A to this Appendix.

List B to this Appendix contains two parts as follows:

Part I: "Directives List"

This section contains a list of Directives that are considered by DOE as applicable to the BNL contract.

Part II: "Partial Deletions of Directives"

This section contains a list of Directives that are applicable, but have subsequently been revised by DOE to remove certain sections.

Appendix I - Part I

DOE DIRECTIVES LIST

DOE Directives may be found at the following address: <http://www.directives.doe.gov>

DATE	TYPE	NUMBER	THROUGH CHANGE	SUBJECT TITLE Contractor Requirements Document (CRD) Includes Compliance Notes as Necessary
9/29/95	Order	130.1		CRD - Budget Formulation Process
5/2/01	Policy	141.1		Department of Energy Management of Cultural Resources
9/4/08	Manual	142.2-1		CRD – Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
12/15/06	Order	142.2A		CRD – Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
10/14/10	Order	142.3A		CRD – Unclassified Foreign Visits and Assignments Program
5/8/08	Order	150.1		CRD – Continuity Programs
11/2/05	Order	151.1C		CRD - Comprehensive Emergency Management System
6/27/07	Order	153.1		CRD - Departmental Radiological Emergency Response Assets
12/23/08	Order	200.1A		CRD – Information Technology Management
1/7/05	Order	203.1		Limited Personal Use of Government Office Equipment Including Information Technology
5/8/01	Policy	205.1		Departmental Cyber Security Management Policy
5/16/11	Order	205.1B	Admin Chg 2 3/11/2013	CRD – Department of Energy Cyber Security Program
4/17/06	Manual	205.1-3	Admin Chg 1 12/20/12	Telecommunications Security Manual
1/16/09	Order	206.1		CRD - Department of Energy Privacy Program
2/19/13	Order	206.2		CRD – Identity, Credential, and Access Management (ICAM)
4/8/11	Order	210.2A		CRD – DOE Corporate Operating Experience Program
4/19/08	Order	221.1A		CRD - Reporting Fraud, Waste, and Abuse to the Office of Inspector General
2/25/08	Order	221.2A		CRD - Cooperation with the Office of Inspector General
3/4/11	Order	225.1B		CRD - Accident Investigations
8-30-11	Order	227.1		CRD – Independent Oversight Program
6-27-11	Order	231.1B	Admin Chg 1 11/28/12	CRD – Environment, Safety and Health Reporting
8/30/11	Order	232.2		CRD – Occurrence Reporting and Processing of Operations Information
12/13/10	Order	241.1B		CRD - Scientific and Technical Information Management
3/11/13	Order	243.1B		CRD – Records Management Program
2/2/06	Order	243.2		CRD - Vital Records
2/23/11	Order	252.1A		CRD - Technical Standards Program

DOE DIRECTIVES LIST

DOE Directives may be found at the following address: <http://www.directives.doe.gov>

DATE	TYPE	NUMBER	THROUGH CHANGE	SUBJECT TITLE Contractor Requirements Document (CRD) Includes Compliance Notes as Necessary
11/19/09	Order	313.1		CRD – Management and Funding of the Departments Overseas Presence
10/18/07	Order	341.1A Parts: 1.(a-b) 2.a., 2.a.(1-3), 2.a.(4)(a-h)		CRD - Federal Employee Health Services
2/23/10	Order	350.1	³ 2/23/10	CRD - Contractor Human Resource Management Programs
11/16/11	Order	NA 350.2		CRD – Assignments to the Washington, D.C., Area
5/31/11	Order	350.2B		CRD – Use of Management and Operating or Other Facility Management Contractor Employees for Services to DOE in the Washington D.C. Area
8/17/09	Order	410.2		CRD – Management of Nuclear Materials
4/21/05	Order	412.1A		Work Authorization System
10/28/08	Order	413.1B		CRD – Internal Control Program
4/19/06	Order	413.2B	Admin Chg 1 1/31/11	CRD - Laboratory Directed Research and Development
11/29/10	Order	413.3B		CRD – Program and Project Management for the Acquisition of Capital Assets
4/25/11	Order	414.1D		CRD – Quality Assurance
12/3/12	Order	415.1		CRD – Information Technology Project Management
2/8/11	Policy	420.1		Department of Energy Nuclear Safety Policy Compliance Note: Only applicable to BNL facilities categorized as Hazardous Category 1, 2 or 3 nuclear facilities
12/04/12	Order	420.1C		CRD – Facility Safety Compliance Note: Chapters 1, 3, and 5 are applicable to BNL facilities categorized as hazardous category 1, 2 and 3 nuclear facilities. In the future, if needed, BNL will implement chapters 1, 3, and 5 as applicable if a hazard category 1, 2 or 3 nuclear facility is proposed by BNL and approved by DOE.
7/21/11	Order	420.2C		CRD – Safety of Accelerator Facilities

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DATE	TYPE	NUMBER	THROUGH CHANGE	SUBJECT TITLE Contractor Requirements Document (CRD) Includes Compliance Notes as Necessary
6/29/10	Order	422.1		CRD- Conduct of Operations Compliance Note: Applicable to Hazardous Category 1, 2, or 3 nuclear facilities and other facilities as defined by BSA in a Program Plan, to be approved by BHSO, for incorporating
4/16/10	Order	425.1D		CRD – Verification of Readiness to Start Up or Restart Nuclear Facilities Compliance Note: Only applicable to BNL facilities categorized as Hazardous Category 1, 2 or 3 nuclear facilities
4/21/10	Order	426.2		CRD - Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities
09/24/03	Order	430.1B	2 4/25/11	CRD – Real Property and Asset Management
4/21/10	Order	433.1B		CRD - Maintenance Management Program for DOE Nuclear Facilities Compliance Note: Only applicable to BNL facilities categorized as Hazardous Category 1, 2 or 3 nuclear facilities
6/5/09	Policy	434.1		Conduct and Approval of Select Agent and Toxin Work at Department of Energy Sites
7/9/99	Order	435.1	1 8/28/01	CRD - Radioactive Waste Management
7/9/99	Manual	435.1-1	1 6/19/01	Radioactive Waste Management Manual
5/2/11	Order	436.1		CRD – Departmental Sustainability
3/7/08	Manual	441.1-1		CRD - Nuclear Material Packaging Manual
6/6/01	Order	442.1A		CRD - Department of Energy Employee Concerns Program
7/29/11	Order	442.2		CRD – Differing Professional Opinions for Technical Issues Involving Environment, Safety and Health
3/17/11	Order	443.1B		CRD – Protection of Human Research Subjects
4-25-11	Policy	450.4A		Integrated Safety Management Policy
7/21/11	Order	452.8		CRD - Control of Nuclear Weapon Data
5/31/11	Order	456.1		CRD – The Safe Handling of Unbound Engineered Nanoparticles
9/15/05	Policy	456.1		Secretarial Policy Statement on Nanoscale Safety
2/11/11	Order	458.1	Admin Chg 2 6/6/11	CRD- Radiation Protection of the Public and the Environment
5/14/10	Order	460.1C		CRD - Packaging and Transportation Safety
12/22/04	Order	460.2A		CRD - Departmental Materials Transportation and Packaging Management

DOE DIRECTIVES LIST				
DOE Directives may be found at the following address: http://www.directives.doe.gov				
DATE	TYPE	NUMBER	THROUGH CHANGE	SUBJECT TITLE Contractor Requirements Document (CRD) Includes Compliance Notes as Necessary
6/4/08	Manual	460.2-1A		Radioactive Material Transportation Practices Manual
12/29/10	Policy	470.1A		Safeguards and Security Program
8/12/08	Order	470.3B		Graded Security Protection (GPS) Policy
7/21/11	Order	470.4B		CRD – Safeguards and Security Program
1/16/09	Manual	470.4-4A*	1 10/12/10	CRD – Information Security Manual Compliance Note: This Directive is cancelled by Order 471.6, except for Section D. – Technical Surveillance Countermeasures, which will be retained in its entirety.
3/1/10	Order	471.1B		CRD - Identification and Protection of Unclassified Controlled Nuclear Information
4/9/03	Order	471.3	Admin Chg 1 1/13/11	CRD - Identifying and Protecting Official Use Only Information
4/9/03	Manual	471.3-1	Admin Chg 1 1/13/11	CRD - Manual for Identifying and Protecting Official Use Only Information
6/20/11	Order	471.6		CRD – Information Security Compliance Note: This Directive contains a Partial deletion of Manual 470.4-4A
7/27/11	Order	472.2		CRD – Personnel Security
6/27/11	Order	473.3		CRD - Protection Program Operations
6/27/11	Order	474.2	Admin Chg 2 11/19/12	CRD – Nuclear Material Control and Accountability
12/10/04	Order	475.1		Counterintelligence Program
2/1/11	Order	475.2A		CRD – Identifying Classified Information
1/03/01	Manual	481.1-1A	1 9/28/01	Reimbursable Work for Non-Federal Sponsored Process Manual
1/12/01	Order	483.1		CRD - DOE Cooperative Research and Development Agreements
1/12/01	Manual	483.1-1		DOE Cooperative Research and Development Agreements
8/17/06	Order	484.1	1 3/14/11	CRD - Reimbursable Work for the Department of Homeland Security
11/3/04	Order	522.1		CRD - Pricing of Departmental Materials and Services

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DOE Directives may be found at the following address: http://www.directives.doe.gov				
DATE	TYPE	NUMBER	THROUGH CHANGE	SUBJECT TITLE Contractor Requirements Document (CRD) Includes Compliance Notes as Necessary
1/6/03	Order	534.1B		CRD – Accounting
4/2/12	Order	551.1D		CRD – Official Foreign Travel
3/30/12	Order	580.1A	Admin Chg 1 10/22/12	CRD – Department of Energy Personal Property Management Program

Appendix I - Part II

PARTIAL DELETIONS OF DIRECTIVES				
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE	DELETION DIRECTIVE DATE	SECTIONS DELETED
10/12/10	M 470.4-4A	Information Security Manual	Order 471.6	All, except for Section D. – Technical Surveillance Countermeasures, which will be retained in its entirety