

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE PAGE OF PAGES  
1 | 3

2. AMENDMENT/MODIFICATION NO. <b>M133</b>		3. EFFECTIVE DATE <b>See 16C</b>		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE <b>U.S. Department of Energy Brookhaven Site Office 53 Bell Avenue, Building 464 Upton, NY 11974-5000</b>		7. ADMINISTERED BY (If other than Item 6) Code					
8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) <b>Brookhaven Science Associates, LLC 25 Brookhaven Avenue Building 460 Upton, New York 11973-5000</b>				(✓)	9.A. AMENDMENT OF SOLICITATION NO.		
					9.B. DATED (SEE ITEM 11)		
					10.A. MODIFICATION OF Contract/Order NO. <b>DE-AC02-98CH10886</b>		
					10.B. DATED (SEE ITEM 13) <b>01/05/1998</b>		
CODE N/A		FACILITY CODE N/A					

**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.**

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).	
<b>X</b>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: <b>MUTUAL AGREEMENT OF THE PARTIES</b>
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.)

The purpose of this Modification is to recognize the fee determination in accordance with the provisions of Clause I.82; Revise Section B.1; Add Clause H.36, Lobbying Restriction (Energy & Water Act 2005); Add Clause H.37, Lobbying Restriction (Interior Act 2005); Revise Section H and Section I Table of Contents; Revise Clause I.21, Contract Work Hours and Safety Standards Act – Overtime Compensation; Revise Clause I.22, Subcontracts (Labor Standards); Revise Clause I.34, Buy American Act – Construction Materials; Revise Clause I.69, Key Personnel; Revise Clause I.104, Obligation of Funds; Revise Part III, Section J, Table of Contents; Add Attachment J.5, Appendix E, Key Personnel; Replacement of Attachment J.9, Appendix I, DOE Directives.

15A. NAME AND TITLE OF SIGNER (Type or print) <b>Gregory Fess Secretary and General Counsel</b>		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Robert P. Gordon Contracting Officer</b>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED <b>7/29/05</b>	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED <b>7-28-05</b>
 (Signature of person authorized to sign)		BY  (Signature of Contracting Officer)	

Said contract, as modified previously, is hereby further modified as follows:

1. The Parties have agreed to the fee of \$6,528,380.00 in accordance with the provisions of Appendix B- Performance Evaluation and Measurement Plan, and Appendix L – Computation of Fee, for the performance of the work under this contract from October 1, 2003 through September 30, 2004.
2. **Section B.1** – Service Being Acquired, The first sentence is revised to update the modification number and effective date from “Modification No. M090, effective January 13, 2003” to “Modification No. M120, effective September 29, 2004”.
3. **Section H** – Special Contract Requirements, Table of Contents is revised to reflect addition of Clauses H.36 and H.37.
4. **Add Clause H.36-** Lobbying Restriction (Energy and Water Act 2005), 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.
5. **Add Clause H.37** – Lobbying Restriction (Interior Act 2005), The contractor agrees that none of the funds obligated on this award shall be made available for any activity or the publication or distribution of literature that in any way tends to promote public support or opposition to any legislative proposal on which Congressional action is not complete. This restriction is in addition to those prescribed elsewhere in statute and regulation.
6. **Section I** – Contract Clauses, Table of Contents is revised to reflect updated Clauses I.21 and I.22.
7. **Clause I.21** - Delete 52.222-4, Contract Work Hours and Safety Standards Act-Overtime Compensation (Sept 2000) in its entirety and replace with the attached updated revision of 52.222-4, Contract Work Hours and Safety Standards Act-Overtime Compensation (JUL 2005)
8. **Clause I.22** - Delete 52.222-11, Subcontracts (Labor Standards) (FEB 1988)(Deviation) in its entirety and replace with the attached updated revision 52.222-11, Subcontracts (Labor Standards) (JUL 2005)
9. **Clause I.34** – Buy American Act - Construction Materials (JAN 2005) change paragraph “(a) Request for determination of inapplicability of the Buy American Act” to read paragraph “(c) Request for determination of inapplicability of the Buy American Act”
10. **Clause I.69** – Delete 952.215-70, Key Personnel (DEC 2000) in its entirety and replace with the attached updated revision of 952.215-70, Key Personnel (DEC 2000).
11. **Clause I.104** - 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 \$3,403,363,925.11.”

The following is a history of the obligated increases amount since the last M Modification.

PRIOR OBLIGATION M129	\$ 3,386,739,293.92
INCREASE IN MODS A130	3,683,089.86
A131	14,478,477.20
A132	<u>(1,536,935.87)</u>
CURRENT TOTAL OBLIGATION:	\$ 3,403,363,925.11

- 12. **Part III**, List of Documents, Exhibits and Other Attachments, Section J, Table of Contents is revised to reflect update to Attachment J.5.
- 13. **Add Attachment J.5, Appendix E – Key Personnel.**
- 14. **Attachment J.9, Appendix I – DOE Directives:** DOE Directives identified as Modification M129 is deleted in its entirety and replaced with the attached Appendix I, identified as Modification M133.

**Attachments:**

- Section H, Special Contract Requirements, Table of Contents
- Section I, Contract Clauses, Table of Contents
- Clause I.21, 52.222-4, Contract Work Hours and Safety Standards Act-Overtime Compensation (JUL 2005)
- Clause I.22, 52.222-11, Subcontracts (Labor Standards) (JUL 2005)
- Clause I.69, 952.215-70, Key Personnel
- Part III, Section J – List of Attachments, Table of Contents
- Attachment J.5, Appendix E
- Attachment J.9, Appendix I – DOE Directives

**PART I**

**SECTION H**

**SPECIAL CONTRACT REQUIREMENTS**

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**SECTION I**

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### **PART III**

## **List of Documents, Exhibits and Other Attachments**

### **Section J - List of Attachments**

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<b>J.3</b>	<b>Appendix C - Special Financial Institution Account</b>
<b>J.4</b>	<b>Appendix D - Budget Program</b>
<b>J.5</b>	<b>Appendix E - Key Personnel</b>
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CLAUSE I.21 – FAR 52.222-4 CONTRACT WORK HOURS AND SAFETY  
STANDARDS ACT – OVERTIME COMPENSATION (JUL  
2005)

- (a) *Overtime requirements.* No Contractor or subcontractor employing laborers or mechanics (see Federal Acquisition Regulation 22.300) shall require or permit them to work over 40 hours in any workweek unless they are paid at least 1 and 1/2 times the basic rate of pay for each hour worked over 40 hours.
- (b) *Violation; liability for unpaid wages; liquidated damages.* The responsible Contractor and subcontractor are liable for unpaid wages if they violate the terms in paragraph (a) of this clause. In addition, the Contractor and subcontractor are liable for liquidated damages payable to the Government. The Contracting Officer will assess liquidated damages at the rate of \$10 per affected employee for each calendar day on which the employer required or permitted the employee to work in excess of the standard workweek of 40 hours without payment of the overtime wages required by the Contract Work Hours and Safety Standards Act.
- (c) *Withholding for unpaid wages and liquidated damages.* The Contracting Officer will withhold from payments due under the contract sufficient funds required to satisfy any Contractor or subcontractor liabilities for unpaid wages and liquidated damages. If amounts withheld under the contract are insufficient to satisfy Contractor or subcontractor liabilities, the Contracting Officer will withhold payments from other Federal or Federally assisted contracts held by the same Contractor that are subject to the Contract Work Hours and Safety Standards Act.
- (d) *Payrolls and basic records.*

- (1) The Contractor and its subcontractors shall maintain payrolls and basic payroll records for all laborers and mechanics working on the contract during the contract and shall make them available to the Government until 3 years after contract completion. The records shall contain the name and address of each employee, social security number, labor classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. The records need not duplicate those required for construction work by Department of Labor regulations at 29 CFR 5.5(a)(3) implementing the Davis-Bacon Act.
  - (2) The Contractor and its subcontractors shall allow authorized representatives of the Contracting Officer or the Department of Labor to inspect, copy, or transcribe records maintained under paragraph (d)(1) of this clause. The Contractor or subcontractor also shall allow authorized representatives of the Contracting Officer or Department of Labor to interview employees in the workplace during working hours.
- (e) *Subcontracts.* The Contractor shall insert the provisions set forth in paragraphs (a) through (d) of this clause in subcontracts may require or involve the employment of laborers and mechanics and require subcontractors to include these provisions in any such lower-tier subcontracts. The Contractor shall be responsible for compliance by any subcontractor or lower-tier subcontractor with the provisions set forth in paragraphs (a) through (d) of this clause.

(End of Clause)

CLAUSE I. 22 - FAR 52.222-11 SUBCONTRACTS (LABOR STANDARDS)  
(JUL 2005)

- (a) *Definition.* "Construction, alteration or repair," as used in this clause means all types of work done by laborers and mechanics employed by the construction Contractor or construction subcontractor on a particular building or work at the site thereof, including without limitation—
- (1) Altering, remodeling, installation (if appropriate) on the site of the work of items fabricated off-site;
  - (2) Painting and decorating;
  - (3) Manufacturing or furnishing of materials, articles, supplies, or equipment on the site of the building or work;
  - (4) Transportation of materials and supplies between the site of the work within the meaning of paragraphs (a)(1)(i) and (ii) of the "site of the work" as defined in the FAR clause at 52.222-6, Davis-Bacon Act of this contract, and a facility which is dedicated to the construction of the building or work and is deemed part of the site of the work within the meaning of paragraph (2) of the "site of work" definition; and
  - (5) Transportation of portions of the building or work between a secondary site where a significant portion of the building or work is constructed, which is part of the "site of the work" definition in paragraph (a)(1)(ii) of the FAR clause at 52.222-6, Davis-Bacon Act, and the physical place or places where the building or work will remain (paragraph (a)(1)(i) of the FAR clause at 52.222-6, in the "site of the work" definition).

- (b) The Contractor or subcontractor shall insert in any subcontracts for construction, alterations and repairs within the United States the clauses entitled—
- (1) Davis-Bacon Act;
  - (2) Contract Work Hours and Safety Standards Act -- Overtime Compensation (if the clause is included in this contract);
  - (3) Apprentices and Trainees;
  - (4) Payrolls and Basic Records;
  - (5) Compliance with Copeland Act Requirements;
  - (6) Withholding of Funds;
  - (7) Subcontracts (Labor Standards);
  - (8) Contract Termination – Debarment;
  - (9) Disputes Concerning Labor Standards;
  - (10) Compliance with Davis-Bacon and Related Act Regulations; and
  - (11) Certification of Eligibility.
- (c) The Prime Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor performing construction within the United States with all the contract clauses cited in paragraph (b).
- (d)
- (1) Within 14 days after award of the contract, the Contractor shall deliver to the Contracting Officer a completed Standard Form (SF) 1413, Statement and Acknowledgment, for each subcontract for construction within the United States, including the subcontractor's signed and dated acknowledgment that the clauses set forth in paragraph (b) of this clause have been included in the subcontract.
  - (2) Within 14 days after the award of any subsequently awarded subcontract the Contractor shall deliver to the Contracting Officer an updated completed SF 1413 for such additional subcontract.

- (e) The Contractor shall insert the substance of this clause, including this paragraph (e) in all subcontracts for construction within the United States.

(End of Clause)

CLAUSE 1.69 – DEAR 952.215-70 KEY PERSONNEL (DEC 2000)

- (a) The personnel listed below or elsewhere in this contract, Section J.5, Appendix E - Key Personnel, are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel, the Contractor must:
- (1) Notify the Contracting Officer reasonably in advance;
  - (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract; and
  - (3) obtain the Contracting Officer's written approval.

Notwithstanding the foregoing, if the Contractor deems immediate removal or suspension of any member of its management team is necessary to fulfill its obligation to maintain satisfactory standards of employee competency, conduct, and integrity under the clause at 48 CFR 970.5203-3, Contractor's Organization, the Contractor may remove or suspend such person at once, although the Contractor must notify Contracting Officer prior to or concurrently with such action.

- (b) The list of personnel may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel.

**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. M133**

## 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. Praveen Chaudhari	Director
Dr. Samuel Aronson	Associate Laboratory Director, High Energy Nuclear Physics
Mr. Michael Bebon	Deputy Director for Operations
Dr. Peter Bond*	Interim Deputy Director for Science & Technology
Dr. Peter Bond*	Interim Associate Laboratory Director, Life Sciences
Dr. Steven Dierker	Associate Laboratory Director, Light Sources
Mr. Gregory Fess, J.D.	General Counsel
Dr. Doon Gibbs	Associate Laboratory Director, Basic Energy Sciences
Mr. John Hauser	Assistant Laboratory Director, Finance
Mr. Leslie M. Hill	Director, Environmental Restoration Projects
Dr. Ralph James	Associate Laboratory Director, Energy Environment, & National Security
Ms. Margaret Lynch	Assistant Laboratory Director, Community, Education, Government & Public Affairs
Dr. J. Patrick Looney	Assistant Laboratory Director, Policy and Strategic Planning
Mr. Andrew McNerney	Assistant Laboratory Director, Facilities & Operations
Mr. James Tarpinian	Assistant Laboratory Director, ESH & Quality

\* Positions designated as "Interim" have not been officially approved as Key Personnel by DOE, but reflect the personnel functioning in the position.



Appendix I  
Modification No. M133  
Supplemental Agreement to  
Contract No. DE-AC02-98CH10886

**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. M133**

Appendix I  
Modification No. M133  
Supplemental Agreement to  
Contract No. DE-AC02-98CH10886

## **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 were accepted and implemented by the previous contractor but have subsequently been revised by DOE to remove certain sections.

Appendix I - Part I

CRD=Contractor Requirements Document

DIRECTIVES LIST		
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE
2/26/01	N 153.1	CONNECTIVITY TO ATMOSPHERIC RELEASE ADVISORY CAPABILITY
8/11/03	N 153.2	CRD - CONNECTIVITY TO NATIONAL ATMOSPHERIC RELEASE ADVISORY CENTER (NARAC)
10/02/00	N 203.1	CRD - SOFTWARE QUALITY ASSURANCE
11/1/99	N 205.2	CRD - FOREIGN NATIONAL ACCESS TO DOE CYBER SYSTEMS (Extended until 8/12/05 by DOE N 205.14 dated 8/12/04)
11/23/99	N 205.3	CRD - PASSWORD GENERATION, PROTECTION, AND USE (Extended until 8/12/05 by DOE N 205.14 dated 8/12/04)
6/4/03	N 205.6	EXTENSION OF DOE DIRECTIVE ON CYBER SECURITY (N 205.4)
2/11/04	N 205.8	CRD - CYBER SECURITY REQUIREMENTS FOR WIRELESS DEVICES AND INFORMATION SYSTEMS (Extended until 03/18/06 by DOE N 205.15 dated 3/18/05)
2/19/04	N 205.9	CRD - CERTIFICATION AND ACCREDITATION PROCESS FOR INFORMATION SYSTEMS INCLUDING NATIONAL SECURITY SYSTEMS (Extended until 03/18/06 by DOE N 205.15 dated 3/18/05)
2/19/04	N 205.10	CRD - CYBER SECURITY REQUIREMENTS FOR RISK MANAGEMENT (Extended until 03/18/06 by DOE N 205.15 dated 3/18/05)
2/19/04	N 205.11	CRD - SECURITY REQUIREMENTS FOR REMOTE ACCESS TO DOE AND APPLICABLE CONTRACTOR INFORMATION TECHNOLOGY SYSTEMS (Extended until 03/18/06 by DOE N 205.15 dated 3/18/05)
2/19/04	N 205.12	CRD - CLEARING, SANITIZING, AND DESTROYING FEDERAL INFORMATION SYSTEM STORAGE MEDIA, MEMORY DEVICES, AND OTHER HARDWARE (Extended until 03/18/06 by DOE N 205.15 dated 3/18/05)
8/12/04	N 205.14	EXTENSION OF DOE DIRECTIVES (N 205.2 and N 205.3)
3/18/05	N 205.15	EXTENSION OF DOE DIRECTIVES - NOTICES 205.8, 205.9, 205.10, 205.11, 205.12
4/20/04	N 251.56	EXTENSION OF DOE N 481.1A
4/28/04	N 251.57	EXTENSION OF DOE DIRECTIVES (O 470.1 and O 471.2A)
7/6/04	N 251.58	EXTENSION OF DOE DIRECTIVES (O 471.1A, M 471.1-1, AND O 473.2)
11/19/04	N 251.60	EXTENSION OF DOE DIRECTIVES (O 474.1A)
3/3/05	N 251.61	EXTENSION OF DOE M 475.1-1A
4/21/05	N 251.62	EXTENSION OF DOE N 481.1A
5/11/05	N 251.63	EXTENSION OF DOE DIRECTIVES O 470.1, M 471.2-1B, M 471.2-1C & O 471.2A
10/17/01	N 450.7	CRD - THE SAFE HANDLING, TRANSFER, AND RECEIPT OF BIOLOGICAL ETIOLOGIC AGENTS AT DOE FACILITIES (Extended until 06/30/04 by DOE N 450.12 dated 6/27/03)
6/27/03	N 450.12	EXTENSION OF DOE N 450.7, THE SAFE HANDLING, TRANSFER, AND RECEIPT OF BIOLOGICAL ETIOLOGIC AGENTS AT DEPARTMENT OF

DIRECTIVES LIST		
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE
		ENERGY FACILITIES
7/8/04	N 473.9	CRD – SECURITY CONDITIONS
4/21/03	N 481.1A	CRD – REIMBURSABLE WORK FOR DEPARTMENT OF HOMELAND SECURITY (Extended until 04/20/05 by DOE N 251.56 dated 4/20/04) (Extended until 04/21/06 by DOE N 251.62 dated 4/21/05)
11/3/99	O 110.3	CRD - CONFERENCE MANAGEMENT
9/29/95	O 130.1	CRD - BUDGET FORMULATION PROCESS
9/30/95	O 135.1	BUDGET EXECUTION-FUNDS DISTRIBUTION AND CONTROL
1/13/04	O 142.1	CRD – CLASSIFIED VISITS INVOLVING FOREIGN NATIONALS
1/7/04	O 142.2	CRD – SAFEGUARDS AGREEMENT AND PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY
6/18/04	O 142.3	CRD – UNCLASSIFIED FOREIGN VISITS AND ASSIGNMENTS PROGRAM
10/29/03	O 151.1B	CRD - COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM
9/30/96	O 200.1	CRD - INFORMATION MANAGEMENT PROGRAM
1/7/05	O 203.1	LIMITED PERSONAL USE OF GOVERNMENT OFFICE EQUIPMENT INCLUDING INFORMATION TECHNOLOGY
3/21/03	O 205.1	CRD – DEPARTMENT OF ENERGY CYBER SECURITY MANAGEMENT PROGRAM
9/30/04	M 205.1-1	CRD – INCIDENT PREVENTION, WARNING AND RESPONSE (IPWAR) MANUAL
3/22/01	O 221.1	CRD - REPORTING FRAUD, WASTE, AND ABUSE TO THE OFFICE OF INSPECTOR GENERAL
3/22/01	O 221.2	CRD - COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL
11/26/97	O 225.1A	CRD - TYPE A AND B ACCIDENT INVESTIGATIONS
3/19/04 9/9/04	M 231.1-1A Change 1	CRD - ENVIRONMENT, SAFETY, AND HEALTH REPORTING MANUAL
8/19/03	M 231.1-2	CRD - OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION
4/9/01 10/14/03	O 241.1A Change 1	CRD - SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT
1/30/98	O 251.1A	CRD - DIRECTIVES SYSTEM
11/19/99	O 252.1	CRD - TECHNICAL STANDARDS PROGRAM
9/30/96 5/8/98	O 350.1 Change 1	CRD - CONTRACTOR HUMAN RESOURCE MANAGEMENT PROGRAMS CRD - EMPLOYEE BENEFITS
10/29/03	O 350.2A	CRD - USE OF MANAGEMENT AND OPERATING OR OTHER FACILITY MANAGEMENT CONTRACTOR EMPLOYEES FOR SERVICES TO DOE IN THE WASHINGTON, D.C., AREA
04/20/99	O 412.1	CRD – WORK AUTHORIZATION SYSTEM
4/18/02	O 413.1A	CRD - MANAGEMENT CONTROL PROGRAM

DIRECTIVES LIST		
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE
1/08/01	O 413.2A	CRD - LABORATORY DIRECTED RESEARCH AND DEVELOPMENT
10/13/00 1/3/05	O 413.3 Change 1	CRD - PROGRAM AND PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS
03/28/03	M 413.3-1	PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS
4/29/04	O 414.1B	CRD - QUALITY ASSURANCE (Cancels Attachment 1, paragraph 8, and Attachment 2, paragraph 22, of DOE O 440.1A, Worker Protection Management for DOE Federal and Contractor Employees, dated 3-27-98)
5/20/02	O 420.1A	CRD - FACILITY SAFETY
7/23/04	O 420.2B	CRD - SAFETY OF ACCELERATOR FACILITIES
3/13/03	O 425.1C	CRD - STARTUP AND RESTART OF NUCLEAR FACILITIES
09/24/03	O 430.1B	CRD - REAL PROPERTY ASSET MANAGEMENT
4/15/02	O 430.2A	CRD - DEPARTMENTAL ENERGY AND UTILITIES MANAGEMENT
6/01/01	O 433.1	CRD - MAINTENANCE MANAGEMENT PROGRAM FOR DOE NUCLEAR FACILITIES
7/9/99 8/28/01	O 435.1 Change 1	CRD - RADIOACTIVE WASTE MANAGEMENT
7/9/99 6/19/01	M 435.1-1 Change 1	RADIOACTIVE WASTE MANAGEMENT MANUAL
3/27/98	O 440.1A	CRD - WORKER PROTECTION MANAGEMENT FOR DOE CONTRACTOR EMPLOYEES (Attachment 1, paragraph 8, and Attachment 2, paragraph 22, has been canceled by DOE O 414.1B, Quality Assurance dated 4/29/04)
11/27/02	O 440.2B	CRD - AVIATION MANAGEMENT AND SAFETY
6/6/01	O 442.1A	CRD - DEPARTMENT OF ENERGY EMPLOYEE CONCERNS PRG.
5/15/00	O 443.1	PROTECTION OF HUMAN SUBJECTS
1/15/03 1/24/05	O 450.1 Change 1	CRD - ENVIRONMENTAL PROTECTION PROGRAM
8/2/04	P 450.7	DOE ENVIRONMENT, SAFETY AND HEALTH GOALS
7/15/03	P 455.1	USE OF RISK-BASED END STATES
4/4/03	O 460.1B	CRD - PACKAGING AND TRANSPORTATION SAFETY
9/27/95 10/26/95	O 460.2 Change 1	CRD - DEPARTMENTAL MATERIALS TRANSPORTATION AND PACKAGING MANAGEMENT
9/23/02	M 460.2-1	CRD - RADIOACTIVE MATERIAL TRANSPORTATION PRACTICES MANUAL
9/28/95 6/21/95	O 470.1 Change 1	CRD - CONTRACTOR SAFEGUARDS AND SECURITY PROGRAM REQUIREMENTS (Extended until 4/28/05 by DOE N 251.57 dated 4/28/04) (DOE O 142.1, dated 1/13/04, cancels those portions of Chapter VIII that pertain to foreign nationals who visit DOE sites/facilities and require access to classified information) (DOE O 471.4 dated 3/17/04, cancels Chapter VII) (Extended until 05/11/06 by DOE N 251.63 dated 5/11/05)
10/30/02	M 470.1-1	CRD - SAFEGUARDS AND SECURITY AWARENESS PROGRAM

<b>DIRECTIVES LIST</b>		
<b>DATE</b>	<b>DOE DIRECTIVE NUMBER</b>	<b>SUBJECT TITLE</b>
10/31/02	O 470.2B	CRD - INDEPENDENT OVERSIGHT AND PERFORMANCE ASSURANCE PROGRAM
10/18/04	O 470.3	DESIGN BASIS THREAT POLICY (CLASSIFIED)
6/30/00	O 471.1A	CRD - IDENTIFICATION AND PROTECTION OF UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION (Extended until 06/30/05 by DOE N 251.58 dated 7/6/04)
6/30/00 10/23/01	M 471.1-1 Change 1	IDENTIFICATION AND PROTECTION OF UNCLASSIFIED CONTROLLED NUCLEAR INFORMATION MANUAL (Extended until 06/30/05 by DOE N 251.58 dated 7/6/04)
3/27/97	O 471.2A	CRD - INFORMATION SECURITY PROGRAM (Extended until 4/28/05 by DOE N 251.57, dated 4/28/04) (Extended until 05/11/06 by DOE N 251.63 dated 5/11/05)
1/6/99	M 471.2-1B	CRD - CLASSIFIED MATTER PROTECTION AND CONTROL MANUAL, CHAPTER III PARAGRAPHS 1 AND 2 (DOE M 471.2-1C dated 4/17/01, cancels all except Chapter III paragraphs 1 and 2 and Chapter IV) (DOE O 471.4 dated 3/17/04 cancels Chapter IV) (Extended until 05/11/06 by DOE N 251.63 dated 5/11/05)
4/17/01 7/14/04	M 471.2-1C Change 1	CRD - CLASSIFIED MATTER PROTECTION AND CONTROL MANUAL (Extended until 05/11/06 by DOE N 251.63 dated 5/11/05)
8/3/99	M 471.2-2	CRD - CLASSIFIED INFORMATION SYSTEMS SECURITY MANUAL (DOE N 205.3, dated 11/23/99 cancels Paragraphs 4j(2) and 4j(6) of Chapter VI, and Paragraph 12a(2)(a) of Chapter VII.) (Notice 205.4 dated 3/18/02 cancels Chapter III Section 8)
02/06/04	M 471.2-4	TECHNICAL SURVEILLANCE COUNTERMEASURES MANUAL
4/9/03	O 471.3	CRD - IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION
4/9/03	M 471.3-1	CRD - MANUAL FOR IDENTIFYING AND PROTECTING OFFICIAL USE ONLY INFORMATION
3/17/04	O 471.4	CRD - INCIDENTS OF SECURITY CONCERN
3/25/03	O 472.1C	CRD - PERSONNEL SECURITY ACTIVITIES
7/12/01	M 472.1-1B	PERSONNEL SECURITY PROGRAM MANUAL
12/23/02	O 473.1	CRD - PHYSICAL PROTECTION PROGRAM
12/23/02	M 473.1-1	CRD - PHYSICAL PROTECTION PROGRAM MANUAL
6/30/00	O 473.2	CRD - PROTECTIVE FORCE PROGRAM (Extended until 06/30/05 by DOE N 251.58 dated 7/6/04)
1/17/02	M 473.2-1A	FIREARMS QUALIFICATION COURSES MANUAL
6/30/00 12/20/01	M 473.2-2 Change 1	PROTECTIVE FORCE PROGRAM MANUAL
11/20/00	O 474.1A	CRD - CONTROL AND ACCOUNTABILITY OF NUCLEAR MATERIALS (Extended until 11/19/05 by DOE N 251.60 dated 11/19/04)
6/13/03	M 474.1-1B	CRD - MANUAL FOR CONTROL AND ACCOUNTABILITY OF NUCLEAR MATERIALS

<b>DIRECTIVES LIST</b>		
<b>DATE</b>	<b>DOE DIRECTIVE NUMBER</b>	<b>SUBJECT TITLE</b>
8/19/03	M 474.1-2A	CRD - NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM REPORTING AND DATA SUBMISSION
2/26/01	M 475.1-1A	CRD - IDENTIFYING CLASSIFIED INFORMATION (Extended until 03/03/06 by DOE N 251.61 dated 3/3/05)
9/28/01	O 481.1B	CRD - WORK FOR OTHERS (NON DOE FUNDED WORK)
1/03/01 9/28/01	M 481.1-1A Change 1	REIMBURSABLE WORK FOR NON-FEDERAL SPONSORED PROCESS MANUAL
1/12/01	O 482.1	CRD - DOE FACILITIES TECHNOLOGY PARTNERING PROGRAMS
1/12/01	O 483.1	CRD - DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS
1/12/01	M 483.1-1	DOE COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS
11/3/04	O 522.1	CRD - PRICING OF DEPARTMENTAL MATERIALS AND SERVICES
1/6/03	O 534.1B	CRD - ACCOUNTING
8/19/03	O 551.1B	CRD - OFFICIAL FOREIGN TRAVEL
7/12/00	M 573.1-1	MAIL SERVICES USER'S MANUAL
5/2/01	P 141.1	DEPARTMENT OF ENERGY MANAGEMENT OF CULTURAL RESOURCES
5/8/01	P 205.1	DEPARTMENTAL CYBER SECURITY MANAGEMENT POLICY
6/10/00	P 413.1	PROGRAM AND PROJECT MANAGEMENT POLICY FOR THE PLANNING, PROGRAMMING, BUDGETING, AND ACQUISITION OF CAPITAL ASSETS
5/15/00	P 443.1	PROTECTION OF HUMAN SUBJECTS
5/08/01	P 470.1	INTEGRATED SAFEGUARDS AND SECURITY MANAGEMENT POLICY
5/20/02	P 580.1	MANAGEMENT POLICY FOR PLANNING, PROGRAMMING, BUDGETING, OPERATION, MAINTENANCE AND DISPOSAL OF REAL PROPERTY
11/12/92	1450.4	CONSENSUAL LISTENING-IN TO OR RECORDING TELEPHONE/RADIO CONVERSATIONS
2/8/90 6/5/90 1/7/93	5400.5* Change 1 Change 2	RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT
5/15/84 5/16/88 5/16/89 9/20/91 1/7/93	5480.4* Change 1 Change 2 Change 3 Change 4	ENVIRONMENTAL PROTECTION, SAFETY, AND HEALTH PROTECTION STANDARDS
7/9/90 5/18/92 10/23/01	5480.19 Change 1 Change 2	CONDUCT OF OPERATIONS REQUIREMENTS FOR DOE FACILITIES
11/15/94	5480.20A	PERSONNEL SELECTION, QUALIFICATION AND TRAINING REQUIREMENTS FOR DOE NUCLEAR FACILITIES
1/14/92 4/10/92	5530.3 Change 1	RADIOLOGICAL ASSISTANCE PROGRAM



<b>DIRECTIVES LIST</b>		
<b>DATE</b>	<b>DOE DIRECTIVE NUMBER</b>	<b>SUBJECT TITLE</b>
7/10/92 12/2/92	5530.5 Change 1	FEDERAL RADIOLOGICAL MONITORING AND ASSESSMENT CENTER
5/8/85	5560.1A	PRIORITIES AND ALLOCATIONS PROGRAM
8/1/80	5610.2	CONTROL OF WEAPON DATA
5/26/94	5660.1B	MANAGEMENT OF NUCLEAR MATERIALS
9/4/92	5670.3	COUNTERINTELLIGENCE PROGRAM

ACCOUNTING PRACTICES AND PROCEDURES HANDBOOK		
5/2/83	Chapter V	INVENTORIES
6/30/80	Chapter X	PRODUCT COST ACCOUNTING

**Appendix I - Part II**

PARTIAL DELETIONS OF DIRECTIVES				
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE	DELETION DIRECTIVE DATE	SECTIONS DELETED
2/8/90 6/5/90 1/7/93	5400.5 Change 1 Change 2	RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT	O 231.1 9/30/95 Change 1 10/26/95	Chapter II: Para 1a(3) (a)
5/15/84 5/16/88 5/16/89 9/20/91	5480.4 Change 1 Change 2 Change 3	ENVIRONMENTAL PROTECTION, SAFETY, AND HEALTH PROTECTION STANDARDS	O 440.1 9/30/95 Change 1 10/26/95	Attachment 2: Paras 2c, 2d(2) - (3), 2e(1) - (8); and Attach. 3: Paras 2c.; 2d(2) - (3), 2e(1) - (7)