

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. CONTRACT ID CODE PAGE OF PAGES  
1 | 3

2. AMENDMENT/MODIFICATION NO. M182  
3. EFFECTIVE DATE See block 16C  
4. REQUISITION/PURCHASE REQ. NO.  
5. PROJECT NO. (If applicable)

6. ISSUED BY CODE U.S. Department of Energy  
Brookhaven Site Office  
53 Bell Avenue, Building 464  
Upton, NY 11974-5000  
7. ADMINISTERED BY (If other than Item 6) Code

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

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).  
**X** C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  
Mutual agreement of the parties.  
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 Revise Part I Section H – Special Contract Requirements, Table of Contents; Delete Clause H.39; Revise Part II Section I – Contract Clauses, Table of Contents; Delete Clause I.29B - Notice of Radioactive Materials; Add Clause I.30B – IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products; Revise Clause I.104, Obligations of Funds; Revise Part III Section J – List of Documents, Exhibits and Other Attachments, Table of Contents; Revise Section J.8, Appendix H, FY08 Subcontracting Plan Appendix 1; and Replace Appendix I, DOE Directives.

15A. NAME AND TITLE OF SIGNER (Type or print) John Hauser  
Chief Financial Officer  
16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert P. Gordon  
Contracting Officer

15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 4/29/08  
16B. UNITED STATES OF AMERICA 16C. DATE SIGNED 4-30-08  
BY (Signature of Contracting Officer)

(Signature of person authorized to sign)

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

1. **Part I, Section H – Special Contract Requirements, Table of Contents:** This section is updated to reflect the deletion of Clause H.39 – “Environmentally Preferable Purchasing For Desktop Or Laptop Computers Or Monitors” (DOE-AL 2007-08) and the number is “Reserved.”
2. **Clause H.39** – Delete Clause H.39, “Environmentally Preferable Purchasing For Desktop Or Laptop Computers Or Monitors” (DOE-AL 2007-08) in its entirety.
3. **Part II, Section I – Contract Clauses, Table of Contents:** This section is updated to reflect the deletion of Clause I.29B – FAR 52.223-7, “Notice of Radioactive Materials”, and the addition of Clause I.30B – FAR 52.223-16, “IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products”.
4. **Clause I.29B – FAR 52.223-7, Notice of Radioactive Materials (JAN 1997):** is hereby deleted from this Contract and the number is “Reserved”.
5. **Clause I.30B – FAR 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007):** is hereby added to this Contract; the specific language is attached.
6. **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 \$4,867,531,096.98.”
7. The following is a history of the change in the obligated amount since the last M Modification that updated Clause I.104.

PRIOR OBLIGATION M178	\$ 4,562,603,649.82
INCREASE IN MOD A179	\$ 232,570,777.00
INCREASE IN MOD A180	\$ 5,853,855.09
INCREASE IN MOD A181	\$ <u>66,502,815.07</u>
<b>CURRENT TOTAL OBLIGATION:</b>	<b>\$4,867,531,096.98</b>

8. **Part III, List of Documents, Exhibits and Other Attachments, Section J, Table of Contents:**  
The Table of Contents is revised to reflect the change to **J.8, Appendix H, FY2008 Appendix 1**; the revised Appendix 1 dated 4/15/08 is identified as “FY 2008 Mod M182 (updated).”
9. **Attachment J.8, Appendix H, Small Business Subcontracting Plan** – Appendix H, FY 2008 Appendix 1 was revised dated 4/15/08 and is attached herein.
10. **Attachment J.9, Appendix I – DOE Directives:** The DOE Directives list identified as Modification M178 has been revised; replace the prior version with the attached Appendix I, identified as Modification M182. The revisions are as follows:
  - (a) Notice 234.1 – CRD – REPORTING OF RADIOACTIVE SEALED SOURCES – added.
  - (b) Notice 251.58 – EXTENSION OF DOE DIRECTIVES – removed.
  - (c) Order 142.3 Change 1 – CRD – UNCLASSIFIED FOREIGN VISITS AND ASSIGNMENTS PROGRAM – Change 1 added.
  - (d) Order 221.2A – CRD – COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL – added.  
Cancels: Order 221.2.

- (e) Order 443.1A – CRD – PROTECTION OF HUMAN SUBJECTS – added.  
Cancels: Order 443.1 and Policy 443.1.
- (f) Order 470.3A – DESIGN BASIS THREAT POLICY – added.  
Cancels: Order 470.3.
- (g) Order 5480.20A Change 1 – PERSONNEL SELECTION, QUALIFICATION AND TRAINING  
REQUIREMENTS FOR DOE NUCLEAR FACILITIES – Change 1 added.

**Attachments:**

Part I, Section H – Special Contract Requirements, Table of Contents  
Part II, Section I – Contract Clauses, Table of Contents  
Clause I.30B – FAR 52.223-16  
Part III, Section J, List of Documents, Exhibits and Other Attachments, Table of Contents  
Section J, Attachment J.8, Appendix H – FY08 Subcontracting Plan, Attachment 1  
Section J, Attachment J.9, Appendix I - DOE Directives

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I.98	DEAR 970.5228-1	INSURANCE--LITIGATION AND CLAIMS (MAR 2002) (DEVIATION)	I-209
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I.100	DEAR 970.5231-4	PREEXISTING CONDITIONS (DEC 2000) (DEVIATION)	I-213
I.101	DEAR 970.5232-1	REDUCTION OR SUSPENSION OF ADVANCE, PARTIAL, OR PROGRESS PAYMENTS (DEC 2000)	I-213
I.102	DEAR 970.5232-2	PAYMENTS AND ADVANCES (DEC 2000) (ALTERNATES II AND III) (DEC 2000) (DEVIATION)	I-213
I.103	DEAR 970.5232-3	ACCOUNTS, RECORDS, AND INSPECTION (JUN 2007)	I-217
I.104	DEAR 970.5232-4	OBLIGATION OF FUNDS (DEC 2000)	I-220
I.105	DEAR 970.5232-5	LIABILITY WITH RESPECT TO COST ACCOUNTING STANDARDS (DEC 2000)	I-222
I.106	DEAR 970.5232-6	WORK FOR OTHERS FUNDING AUTHORIZATION (DEC 2000)	I-223
I.107	DEAR 970.5232-7	FINANCIAL MANAGEMENT SYSTEM (DEC 2000)	I-223
I.108	DEAR 970.5232-8	INTEGRATED ACCOUNTING (DEC 2000)	I-223

CLAUSE NO.	FAR/DEAR REFERENCE	TITLE OF CLAUSE	PAGE NO.
I.109	DEAR 970.5235-1	FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTER SPONSORING AGREEMENT (DEC 2000)	I-224
I.110	DEAR 970.5236-1	GOVERNMENT FACILITY SUBCONTRACT APPROVAL (DEC 2000) (DEVIATION)	I-224
I.111		RESERVED	I-224
I.112	DEAR 970.5242-1	PENALTIES FOR UNALLOWABLE COSTS (DEC 2000)	I-225
I.113	DEAR 970.5243-1	CHANGES (DEC 2000)	I-226
I.114	DEAR 970.5244-1	CONTRACTOR PURCHASING SYSTEM (MAY 2006) (includes modifications in final rule dated 3/31/06) (DEVIATION)	I-226
I.115	DEAR 970.5245-1	PROPERTY (DEC 2000) (ALTERNATE I)	I-232

**1.30B FAR 52.223-16 IEEE 1680 STANDARD FOR THE ENVIRONMENTAL ASSESSMENT OF PERSONAL COMPUTER PRODUCTS (DEC 2007)**

(a) *Definitions.* As used in this clause—

"Computer monitor" means a video display unit used with a computer.

"Desktop computer" means a computer designed for use on a desk or table.

"Notebook computer" means a portable-style or laptop-style computer system.

"Personal computer product" means a notebook computer, a desktop computer, or a computer monitor, and any peripheral equipment that is integral to the operation of such items. For example, the desktop computer together with the keyboard, the mouse, and the power cord would be a personal computer product. Printers, copiers, and fax machines are not included in peripheral equipment, as used in this definition.

(b) Under this contract, the Contractor shall deliver, furnish for Government use, or furnish for contractor use at a Government-owned facility, only personal computer products that at the time of submission of proposals were EPEAT Bronze registered or higher. Bronze is the first level discussed in clause 1.4 of the IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products.

(c) For information about the standard, see [www.epeat.net](http://www.epeat.net).

<b>CLAUSE NO.</b>	<b>FAR/DEAR REFERENCE</b>	<b>TITLE OF SECTION/CLAUSE</b>
<b>PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS</b>		
J.1		Appendix A - Advance Understandings on Human Resources
J.2		Appendix B - Performance Evaluation and Measurement Plan <ul style="list-style-type: none"><li>• FY 2006 Mod M138</li><li>• FY 2007 Mod M153</li><li>• FY 2008 Mod M175</li></ul>
J.3		Appendix C - Special Financial Institution Account
J.4		Appendix D - Budget Program
J.5		Appendix E - Key Personnel
J.6		Appendix F - Reserved
J.7		Appendix G - Purchasing System Requirements
J.8		Appendix H - Small Business Subcontracting Plan <ul style="list-style-type: none"><li>• FY 2006 Mod M144</li><li>• FY 2007 Mod M159</li><li>• FY 2008 Mod M175</li><li>• FY 2008 Mod M182 (updated)</li></ul>
J.9		Appendix I - DOE Directives/List B
J.10		Appendix J - Treaties and International Agreements/Waived Inventions
J.11		Appendix K - Reserved
J.12		Appendix L - Computation of Fee <ul style="list-style-type: none"><li>• FY 2006 Mod M178</li><li>• FY 2007 Mod M178</li><li>• FY 2008 Mod M175</li></ul>
J.13		Appendix M - Contract Guidance for Preparation of Diversity Plan

**FY08 Subcontracting Plan – Appendix 1**  
**Revision 1 Dated 4/15/08**

**Contractor:** **BROOKHAVEN SCIENCE ASSOCIATES, LLC**

**Address:** **BROOKHAVEN NATIONAL LABORATORY**  
**Upton, New York 11973-5000**

**Contract Number:** **DE-AC02-98CH10886**

1. Total estimated dollar value of all planned subcontracting (to all types of business concerns) under this contract is **\$205,112,000.00**.
2. The following percentage goals (expressed in terms of a percentage of total planned subcontracting dollars) and associated dollars are applicable to the contract cited above and will be pursued on a best efforts basis consistent with good commercial practices and best value assessments:
  - (i) **Small Business (SB) 46.40% or \$95,171,968.00** of total planned subcontracting dollars under this contract will go to subcontractors who are small business.
  - (ii) **8(a)/Small Disadvantaged Business (SB) 6.30% or \$12,922,056.00** of total planned subcontracting dollars under this contract will go to subcontractors who are 8(a)/small disadvantaged businesses. This percentage is included in the percentage shown under (2) (i) above as a subset.
  - (iii) **Woman-Owned Small Business (WOB): 5.80% or \$11,896,496.00** of total planned subcontracting dollars under this contract will go to subcontractors who are small business concerns owned and controlled by a woman or women. This percentage is included in the percentage shown under (2) (i) above as a subset.
  - (iv) **HUB Zone Small Businesses (HUB): 3.00% or \$6,153,360.00** of total planned subcontracting dollars under this contract will go to subcontractors who have received HUBZone certification through the Small Business Administration. This percentage is included in the percentage shown under (2) (i) above as a subset.
  - (v) **Veteran-Owned Businesses (VOB): 5.00% or \$10,255,600.00** of total planned subcontracting dollars under this contract will go to subcontractors who are small business concerns owned and controlled by a veteran. This percentage is included in the percentage shown under (2) (i) above as a subset.
  - (vi) **Service-Disabled Veteran-Owned Businesses (SDVOB): 3.00% or \$6,153,360.00** of total planned subcontracting dollars under this contract will go to subcontractors who are small business concerns owned and controlled by a service-disabled veteran. This percentage is included in the percentage shown under (2) (i) above as a subset.

**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. M182**

Appendix I  
Modification No. M182  
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**

<b>DIRECTIVES LIST</b>		
<b>DATE</b>	<b>DOE DIRECTIVE NUMBER</b>	<b>SUBJECT TITLE</b>
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) (Extended until 9/30/06 by DOE N 205.16 dated 9/15/05)
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) (Extended until 9/30/06 by DOE N 205.16 dated 9/15/05)
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)
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
9/15/05	N 205.16	EXTENSION OF DOE DIRECTIVES (N 205.2 and N 205.3)
9/14/05	N 206.3	PERSONAL IDENTITY VERIFICATION (Extended until 03/22/07 by DOE N 251.67 dated 11/22/06)
10/9/07	N 206.5	CRD - RESPONSE AND NOTIFICATION PROCEDURES FOR DATA BREACHES INVOLVING PERSONALLY IDENTIFIABLE INFORMATION
2/27/08	N 234.1	CRD - REPORTING OF RADIOACTIVE SEALED SOURCES
7/7/05	N 251.64	EXTENSION OF DOE DIRECTIVES (O 471.1A, M 471.1-1 Change1, M 472.1-1B, O 473.2, and N 473.9)
1/25/07	O 110.3A	CRD - CONFERENCE MANAGEMENT
9/29/95	O 130.1	CRD - BUDGET FORMULATION PROCESS
1/13/04	O 142.1	CRD - CLASSIFIED VISITS INVOLVING FOREIGN NATIONALS
12/15/06	O 142.2A	CRD - VOLUNTARY OFFER SAFEGUARDS AGREEMENT AND ADDITIONAL PROTOCOL WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY
6/18/04 2/28/08	O 142.3 Change 1	CRD - UNCLASSIFIED FOREIGN VISITS AND ASSIGNMENTS PROGRAM
11/2/05	O 151.1C	CRD - COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM

DIRECTIVES LIST		
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE
6/27/07	O 153.1	CRD - DEPARTMENTAL RADIOLOGICAL EMERGENCY RESPONSE ASSETS
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
12/4/06	O 205.1A	CRD – DEPARTMENT OF ENERGY CYBER SECURITY MANAGEMENT
4/17/06	M 205.1-3	TELECOMMUNICATIONS SECURITY MANUAL
3/8/07	M 205.1-4	CRD – NATIONAL SECURITY SYSTEM MANUAL
6/12/06	O 210.2	CRD – DOE CORPORATE OPERATING EXPERIENCE PROGRAM
3/22/01	O 221.1	CRD - REPORTING FRAUD, WASTE, AND ABUSE TO THE OFFICE OF INSPECTOR GENERAL
2/25/08	O 221.2A	CRD - COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL
11/26/97	O 225.1A	CRD - TYPE A AND B ACCIDENT INVESTIGATIONS
7/31/07	O 226.1A	CRD – IMPLEMENTATION OF DEPARTMENT OF ENERGY OVERSIGHT POLICY
3/19/04 9/9/04 6/12/07	M 231.1-1A Change 1 Change 2	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
2/3/06	O 243.1	CRD - RECORDS MANAGEMENT PROGRAM
2/2/06	O 243.2	CRD - VITAL RECORDS
8/16/06	O 251.1B	CRD - DEPARTMENTAL DIRECTIVES PROGRAM
8/16/06	M 251.1-1B	CRD - DEPARTMENTAL DIRECTIVES PROGRAM MANUAL
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
4/21/05	O 412.1A	WORK AUTHORIZATION SYSTEM
4/18/02	O 413.1A	CRD - MANAGEMENT CONTROL PROGRAM
4/19/06	O 413.2B	CRD - LABORATORY DIRECTED RESEARCH AND DEVELOPMENT
7/28/06	O 413.3A	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
6/17/05	O 414.1C	CRD – QUALITY ASSURANCE

DIRECTIVES LIST		
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE
12/22/05	O 420.1B	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
2/13/07	O 433.1A	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
11/27/02 11/19/06	O 440.2B Change 1	CRD - AVIATION MANAGEMENT AND SAFETY
6/6/01	O 442.1A	CRD - DEPARTMENT OF ENERGY EMPLOYEE CONCERNS PRG.
11/16/06	M 442.1-1	CRD - DIFFERING PROFESSIONAL OPINIONS MANUAL FOR TECHNICAL ISSUES INVOLVING ENVIRONMENT, SAFETY, AND HEALTH
12/20/07	O 443.1A	CRD – PROTECTION OF HUMAN SUBJECTS
1/15/03 1/3/07	O 450.1 Change 3	CRD – ENVIRONMENTAL PROTECTION PROGRAM
8/2/04	P 450.7	DOE ENVIRONMENT, SAFETY AND HEALTH GOALS
11/1/06	M 450.4-1	INTEGRATED SAFETY MANAGEMENT SYSTEM MANUAL
7/15/03	P 455.1	USE OF RISK-BASED END STATES
4/4/03	O 460.1B	CRD - PACKAGING AND TRANSPORTATION SAFETY
12/22/04	O 460.2A	CRD - DEPARTMENTAL MATERIALS TRANSPORTATION AND PACKAGING MANAGEMENT
9/23/02	M 460.2-1	CRD – RADIOACTIVE MATERIAL TRANSPORTATION PRACTICES MANUAL
10/31/02	O 470.2B	CRD - INDEPENDENT OVERSIGHT AND PERFORMANCE ASSURANCE PROGRAM
11/29/05	O 470.3A	DESIGN BASIS THREAT POLICY (CLASSIFIED)
8/26/05 3/7/06	M 470.4-1 Change 1	CRD – SAFEGUARDS AND SECURITY PROGRAM PLANNING & MANAGEMENT
8/26/05 3/7/06	M 470.4-2 Change 1	CRD – PHYSICAL PROTECTION
8/26/05 3/7/06	M 470.4-3 Change 1	CRD – PROTECTIVE FORCE
8/26/05 6/29/07	M 470.4-4 Change 1	CRD – INFORMATION SECURITY

DIRECTIVES LIST		
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE
8/26/05	M 470.4-5	CRD – PERSONNEL SECURITY
8/26/05 8/14/06	M 470.4-6 Change 1	CRD – NUCLEAR MATERIAL CONTROL AND ACCOUNTABILITY
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) (Extended until 07/7/06 by DOE N 251.64 dated 7/7/05)
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) (Extended until 07/7/06 by DOE N 251.64 dated 7/7/05)
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
8/28/07	M 475.1-1B	CRD – MANUAL FOR IDENTIFYING CLASSIFIED INFORMATION
12/10/04	O 475.1	COUNTERINTELLIGENCE PROGRAM
8/28/07	O 475.2	CRD – IDENTIFYING CLASSIFIED INFORMATION
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
8/17/06	O 484.1	CRD - Reimbursable Work for the Department of Homeland Security
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
12/7/05	O 580.1	CRD – DEPARTMENT OF ENERGY PROPERTY MANAGEMENT PROGRAM
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
9/15/05	P 456.1	SECRETARIAL POLICY STATEMENT ON NANOSCALE SAFETY
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

DIRECTIVES LIST		
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE
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
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 7/12/01	5480.20A Change 1	PERSONNEL SELECTION, QUALIFICATION AND TRAINING REQUIREMENTS FOR DOE NUCLEAR FACILITIES
8/1/80	5610.2	CONTROL OF WEAPON DATA
5/26/94	5660.1B	MANAGEMENT OF NUCLEAR MATERIALS

**Appendix I - Part II**

PARTIAL DELETIONS OF DIRECTIVES				
DATE	DOE DIRECTIVE NUMBER	SUBJECT TITLE	DELETION DIRECTIVE DATE	SECTIONS DELETED
03/28/03	M 413.3-1	PROJECT MANAGEMENT FOR THE ACQUISITION OF CAPITAL ASSETS	O 413.3A 7/28/06	Chapters 1 through 3
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)