

|  |                                    |   |                                |
|--|------------------------------------|---|--------------------------------|
| 2. AMENDMENT/MODIFICATION NO.<br><b>M002</b> | 3. EFFECTIVE DATE<br>See block 16c | 4. REQUISITION/PURCHASE REQ. NO.<br>AN-NOPR | 5. PROJECT NO. (If applicable) |
|--|------------------------------------|---|--------------------------------|

|  |  |
|--|--|
| 6. ISSUED BY CODE<br><b>U.S. Department of Energy<br/>Idaho Operations Office<br/>Procurement Services Division, MS-1221<br/>850 Energy Drive<br/>Idaho Falls, ID 83401-1563</b> | 7. ADMINISTERED BY (If other than item 6) CODE |
|--|--|

|  |  |
|--|--|
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><b>Bechtel BWXT Idaho LLC<br/>204 South Woodruff Avenue<br/>Idaho Falls, ID 83401</b> | <input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.<br><input type="checkbox"/> 9B. DATED (SEE ITEM 11)<br><input type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO.<br><div style="text-align: center;"><b>DE-AC07-99ID13727</b></div> <input checked="" type="checkbox"/> 10B. DATED (SEE ITEM 13)<br><div style="text-align: center;">June 1, 1999</div> |
| CODE   | 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.

Offerors 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)**

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

|                                     |   |
|-------------------------------------|---|
| <input checked="" 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). |
| <input type="checkbox"/>            | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| <input checked="" type="checkbox"/> | D. OTHER (Specify type of modification and authority)<br><b>Clause 1.60, Laws, Regulations and DOE Directives</b>   |

E. IMPORTANT:  is not,  is required to sign and return \_\_\_ Copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

See following pages for revisions

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

|   |  |
|---|--|
| 15A. NAME AND TITLE OF SIGNER (Type or print) | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>R. Jeffrey Hoyles, Director of Procurement Services Division |
| 15B. CONTRACTOR/OFFEROR                       | 16B. UNITED STATES OF AMERICA<br>BY <i>R. Jeffrey Hoyles</i>   |
| (Signature of person authorized to sign)      | (Signature of Contracting Officer)   |
| 15C. DATE SIGNED                              | 16C. DATE SIGNED<br>9/22/99  |

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| <u>ORDER NO.</u>   | <u>SUBJECT</u>  | <u>OPI</u>     | <u>DATED</u>                     |
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| <b><u>ORDERS</u></b>   |   |                |                                  |
| DOE O 130.1<br>(CANCELS DOE 5100.3, DOE 5100.4, DOE 5100.5 & 5100.6A)  | BUDGET FORMULATION PROCESS                                    | CR             | 09-29-95                         |
| DOE O 151.1<br>(CANCELS DOE 5500.1B, DOE 5500.2B, DOE 5500.3A, DOE 5500.4A, DOE 5500.5A, DOE 5500.7B, DOE 5500.8A, DOE 5500.9A and DOE 5500.10)<br>CHANGE 001<br>(CANCELS DOE 5500.1B, DOE 5500.2B, DOE 5500.3A, DOE 5500.10)<br>CHANGE 002              | COMPREHENSIVE EMERGENCY MANAGEMENT SYSTEM                     | NN<br>NN<br>NN | 09-25-95<br>10-26-95<br>08-21-96 |
| DOE O 200.1<br>(CANCELS DOE 1324.5B & DOE 5900.1A; this order also cancels the following Directives: DOE 1130.8A, DOE 1330.1D, DOE 1410.2, DOE 1450.3A, DOE 1700.1, DOE 1800.1A & DOE 5300.1C)   | INFORMATION MANAGEMENT PROGRAM                                | HR             | 09-30-96                         |
| DOE O 210.1<br>(CANCELS DOE 5480.26)<br>CHANGE 001<br>CHANGE 002   | PERFORMANCE INDICATORS AND ANALYSIS OF OPERATIONS INFORMATION | EH<br>EH<br>EH | 09-27-95<br>10-26-95<br>05-01-96 |
| DOE O 224.1  | CONTRACTOR PERFORMANCE-BASED BUSINESS MANAGEMENT PROCESS      | FM             | 12-08-97                         |
| DOE O 225.1A<br>(CANCELS DOE O 225.1, Paragraphs 1 through 5, 6a (1) through (10), 6b, 6d, 6f (1) through (8), and the second misnumbered 6f, and Chapters I and II of DOE 5484.1)   | ACCIDENT INVESTIGATIONS                                       | EH             | 11-26-97                         |
| DOE 231.1<br>(CANCELS Specific paragraphs in the following Orders: DOE 5400.1, DOE 5400.2A, DOE 5400.5, DOE 5440.1E, DOE 5480.3, DOE 5480.26, DOE 5483.1A, DOE 5484.1, DOE 5630.12A and DOE 5634.1B, Please see DOE O 231.1)<br>CHANGE 001<br>CHANGE 002 | ENVIRONMENT, SAFETY, AND HEALTH REPORTING                     | EH             | 09-30-95                         |
| DOE 232.1A<br>(CANCELS DOE O 232.1)  | OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION | EH             | 07-21-97                         |
| DOE O 241.1<br>(CANCELS DOE O 1430.1D and its associated Guide)  | SCIENTIFIC AND TECHNICAL INFORMATION MANAGEMENT               | OSTI           | 08-17-98                         |
| DOE O 251.1A<br>(CANCELS DOE O 251.1)  | DIRECTIVES SYSTEM   | HR             | 01-30-98                         |
| DOE O 350.1<br>(CANCELS DOE 3220.1, DOE 3220.4A, DOE 3220.6A, DOE 3309.1A, DOE 3830.1, DOE 3890.1A, & DOE N 3131.1)<br>CHANGE 001  | CONTRACTOR HUMAN RESOURCE MANAGEMENT PROGRAMS                 | HR             | 09-30-96<br>05-08-98             |

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| <i>Clarification for DOE O 350.1</i>  |   |     |          |
| CRD, Chapter IV, Item 6: Appendix A of the DE-AC07-99ID13727 adequately covers the area of overtime reporting and management requirements and supersedes this section of DOE O 350.1.   |   |     |          |
| DOE O 412.1<br>(CANCELS DOE 5700.7C)  | WORK AUTHORIZATION SYSTEM   | FM  | 04-20-99 |
| DOE O 413.1<br>(CANCELS DOE 1000.3B)  | MANAGEMENT CONTROL PROGRAM  | CFO | 12-06-95 |
| DOE O 413.2<br>(CANCELS DOE 5000.4A)  | LABORATORY DIRECTED RESEARCH AND DEVELOPMENT                          | ER  | 03-05-97 |
| DOE O 414.1<br>(CANCELS DOE 5700.6C)  | QUALITY ASSURANCE   | EH  | 11-24-98 |
| <i>Clarification for DOE O 414.1:</i>   |   |     |          |
| The Contractor shall comply with DOE O 414.1 in accordance with the Contractor Requirements Document. Nuclear facilities and activities must meet the requirements of 10 CFR 830.120. Activities regulated by a NRC license will be subject to NRC regulations applicable to the licensed activity in lieu of DOE orders and regulations. The contractor shall utilize the applicable portions of the Office of Civilian Radioactive Waste Management (RW) Quality Assurance Requirements and Description, DOE/RW-0333P, as the baseline standard for developing and implementing a quality program for Spent Nuclear Fuel activities as approved by DOE. |   |     |          |
| DOE O 420.1<br>(CANCELS DOE 5480.7A, DOE 5480.24 and DOE 5480.28 & Division 13 of DOE 6430.1A)<br>CHANGE 001<br>CHANGE 002  | FACILITY SAFETY   | EH  | 10-13-95 |
|   |   | EH  | 11-16-95 |
|   |   | EH  | 10-24-96 |
| DOE O 425.1A<br>(CANCELS DOE O 425.1)   | STARTUP AND RESTART OF NUCLEAR FACILITIES                             | EH  | 12-28-98 |
| DOE O 430.1A<br>(CANCELS DOE O 430.1) (CANCELS the following after meeting (see DOE O 430.1A)<br>(Implementation Conditions: DOE 1332.1A, DOE 4010.1A, DOE 4300.1C, DOE 4320.1B, DOE 4320.2A, DOE 4330.4B, DOE 4330.5, DOE 4540.1C, DOE 4700.1, DOE 4700.3, DOE 4700.4, DOE 5700.2D, DOE 5820.2A and DOE 6430.1A)   | LIFE-CYCLE ASSET MANAGEMENT   | FM  | 10-14-98 |
| DOE O 430.2<br>(CANCELS DOE 4330.2D)  | IN-HOUSE ENERGY MANAGEMENT  | EE  | 06-13-96 |
| DOE O 435.1<br>(CANCELS DOE 5820.2A)  | RADIOACTIVE WASTE MANAGEMENT  | EM  | 07-09-99 |
| DOE O 440.1A<br>(CANCELS DOE 440.1)   | WORKER PROTECTION MANAGEMENT FOR DOE FEDERAL AND CONTRACTOR EMPLOYEES | EH  | 03-27-98 |
| DOE O 440.2<br>(CANCELS DOE 5480.13A)   | AVIATION  | EH  | 09-25-95 |

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| CHANGE 001<br>CHANGE 002   |   | EH<br>EH   | 10-13-95<br>10-26-95 |
| DOE O 442.1<br>(CANCELS DOE 5480.29)   | DEPARTMENT OF ENERGY EMPLOYEE CONCERNS PROGRAM                                  | ED         | 02-01-99             |
| DOE O 460.1A<br>(CANCELS DOE 460.1)  | PACKAGING AND TRANSPORTATION SAFETY   | EM         | 10-02-96             |
| DOE O 460.2<br>(CANCELS DOE 1540.1A, DOE 1540.2 and DOE 1540.3)<br>CHANGE 001  | DEPARTMENTAL MATERIALS TRANSPORTATION AND<br>PACKAGING MANAGEMENT               | EM         | 09-27-95             |
| DOE O 470.1<br>(CANCELS DOE 5630.11B, DOE 5630.13A, DOE 5630.14A, DOE 5630.15, DOE 5630.16A,<br>DOE 5630.17, DOE 5631.1C, DOE 5631.4A, DOE 5634.1B, DOE 5634.3, DOE 5639.3 and<br>Chapter XI of DOE M 5632.1C-1)<br>CHANGE 001 | SAFEGUARDS AND SECURITY PROGRAM   | NN<br>NN   | 09-28-95<br>06-21-96 |
| DOE O 470.2<br>(CANCELS DOE 5630.12A)  | SAFEGUARDS AND SECURITY INDEPENDENT<br>OVERSIGHT PROGRAM                        | NN         | 12-23-98             |
| DOE O 471.1<br>(CANCELS DOE 5635.4 and DOE 5650.3A)  | IDENTIFICATION AND PROTECTION OF UNCLASSIFIED<br>CONTROLLED NUCLEAR INFORMATION | NN         | 09-25-95             |
| DOE O 471.2A<br>(CANCELS DOE 471.2)  | INFORMATION SECURITY PROGRAM  | NN         | 03-27-97             |
| DOE O 472.1B<br>(CANCELS DOE 472.1A and DOE 472.1 Change 3)  | PERSONNEL SECURITY ACTIVITIES   | NN         | 03-24-97             |
| DOE O 481.1<br>(CANCELS DOE 4300.2C)   | WORK FOR OTHERS (NON-DEPARTMENT OF ENERGY<br>FUNDED WORK)                       | HR         | 09-30-96             |
| <i>Clarification for DOE O 481.1 and DOE M 481.1-1:</i>  |   |            |                      |
| For implementation of these Directives, Intercompany Work Transfers (IWTs) are not within the scope of Work for Others (WFO).  |   |            |                      |
| DOE O 534.1<br>(CANCELS DOE 2100.3A, DOE 2200.4, DOE 2200.5B, DOE 2200.6A, DOE 2200.7, DOE 2200.8B,<br>DOE 2200.9B and DOE 2200.10A)   | ACCOUNTING  | CR         | 09-29-95             |
| DOE O 1230.2   | AMERICAN INDIAN TRIBAL GOVERNMENT POLICY  | CI         | 04-08-92             |
| DOE 1240.2B<br>(CANCELS DOE 1240.2A)<br>CHANGE 001   | UNCLASSIFIED VISITS AND ASSIGNMENTS BY FOREIGN<br>NATIONALS                     | PO<br>PO   | 08-21-92<br>09-03-92 |

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| DOE O 1270.2B<br>(CANCELS DOE 1270.2A)                               | SAFEGUARDS AGREEMENT WITH THE INTERNATIONAL<br>ATOMIC ENERGY AGENCY  | NN         | 06-23-92             |
| DOE O 1300.2A<br>(CANCELS DOE 1300.2)                                | DEPARTMENT OF ENERGY TECHNICAL STANDARDS PROGRAM   | EH         | 05-19-92             |
| DOE O 1300.3   | POLICY ON THE PROTECTION OF HUMAN SUBJECTS   | ER         | 08-23-90             |
| DOE O 1340.1B<br>(CANCELS DOE 1340.1A)                               | MANAGEMENT OF PUBLIC COMMUNICATIONS PUBLICATIONS<br>AND SCIENTIFIC, TECHNICAL AND ENGINEERING PUBLICATIONS | PA         | 01-07-93             |
| DOE O 1350.1<br>CHANGE 001   | AUDIOVISUAL AND EXHIBITS MANAGEMENT  | CI<br>PA   | 10-28-81<br>03-26-84 |
| DOE O 1450.4   | CONSENSUAL LISTENING-IN TO OR RECORDING TELEPHONE/<br>RADIO CONVERSATIONS                                  | HR         | 11-12-92             |
| DOE O 1500.3<br>(CANCELS DOE 5638.1; AND CHAPTER VIII of DOE 1500.2) | FOREIGN TRAVEL AUTHORIZATION   | PO         | 11-10-86             |
| CHANGE 001   |  | PO         | 02-05-87             |
| CHANGE 002   |  | PO         | 06-17-87             |
| CHANGE 003   |  | PO         | 12-22-87             |
| CHANGE 004   |  | PO         | 03-30-89             |
| CHANGE 005   |  | PO         | 05-18-90             |
| CHANGE 006   |  | PO         | 02-28-92             |
| CHANGE 007   |  | PO         | 07-06-94             |
| DOE O 2030.4B<br>(CANCELS DOE 2030.4A)                               | REPORTING FRAUD, WASTE, AND ABUSE TO THE OFFICE<br>OF INSPECTOR GENERAL                                    | IG         | 05-18-92             |
| DOE O 2100.8A<br>(CANCELS DOE 2100.8)                                | COST ACCOUNTING, COST RECOVERY, AND INTERAGENCY<br>SHARING OF INFORMATION TECHNOLOGY FACILITIES            | CR         | 01-27-93             |
| DOE O 2110.1A<br>(CANCELS DOE 2110.1)                                | PRICING OF DEPARTMENTAL MATERIALS AND SERVICES   | CR         | 07-14-88             |
| CHANGE 001   |  | CR         | 10-05-88             |
| CHANGE 002   |  | CR         | 05-18-92             |
| DOE O 2300.1B<br>(CANCELS DOE 2300.1A)                               | AUDIT RESOLUTION AND FOLLOW-UP   | CR         | 06-08-92             |
| DOE O 2320.1C<br>(CANCELS DOE 2320.1B)                               | COOPERATION WITH THE OFFICE OF INSPECTOR GENERAL   | IG         | 05-18-92             |
| DOE O 2321.1B<br>(CANCELS DOE 2321.1A)                               | AUDITING OF PROGRAMS AND OPERATIONS  | IG         | 05-14-92             |

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| DOE O 4330.4B<br>(CANCELS DOE 4330.4A)   | MAINTENANCE MANAGEMENT PROGRAM  | FM         | 02-10-94     |
| DOE O 5400.1<br>(Paragraphs 2B, 4B & 4C of Chapter II, and 2D & 3B of Chapter III are cancelled by DOE 231.1)<br>CHANGE 001  | GENERAL ENVIRONMENTAL PROTECTION PROGRAM  | EH         | 11-09-88     |
|  |   | EH         | 06-29-90     |
| DOE O 5400.5<br>(Paragraph 1A(3)(A) of Chapter II are cancelled by DOE 231.1)<br>CHANGE 001<br>CHANGE 002  | RADIATION PROTECTION OF THE PUBLIC AND THE ENVIRONMENT  | EH         | 02-08-90     |
|  |   | EH         | 06-05-90     |
|  |   | EH         | 01-07-93     |
| DOE O 5480.4<br>(Attachment 2, paragraph 2C, 2D(2)-(3), 2E(1)-(8); and Attachment 3, Paragraph 2C, 2D(2)-(3), 2E(1)-(7) are cancelled by DOE 440.1)<br>CHANGE 001<br>CHANGE 002<br>CHANGE 003<br>CHANGE 004  | ENVIRONMENTAL PROTECTION, SAFETY, AND HEALTH PROTECTION STANDARDS   | EH         | 05-15-84     |
|  |   | EH         | 05-16-88     |
|  |   | EH         | 05-16-89     |
|  |   | EH         | 09-20-91     |
|  |   | EH         | 01-07-93     |
| DOE O 5480.19<br>CHANGE 001  | CONDUCT OF OPERATIONS REQUIREMENTS FOR DOE FACILITIES   | EH         | 07-09-90     |
|  |   | EH         | 05-18-92     |
| DOE O 5480.20A<br>(CANCELS DOE 5480.20)  | PERSONNEL SELECTION, QUALIFICATION, TRAINING, AND STAFFING REQUIREMENTS AT DOE REACTOR & NON-REACTOR NUCLEAR FACILITIES | EH         | 11-15-94     |
| DOE O 5480.21<br>(CANCELS Paragraph 5S OF DOE 5480.5 & Paragraph 54 of DOE 5480.6 & Paragraph 5o of DOE 5480.1B)   | UNREVIEWED SAFETY QUESTIONS   | EH         | 12-24-91     |
| DOE O 5480.22<br>(CANCELS 5h, 7e(4), & 8d OF DOE 5480.5; Paragraphs 5v, 7e(4) and 8d OF DOE 5480.6)<br>CHANGE 001<br>CHANGE 002  | TECHNICAL SAFETY REQUIREMENTS   | EH         | 02-25-92     |
|  |   | EH         | 09-15-92     |
|  |   | EH         | 01-23-96     |
| DOE O 5480.23<br>(CANCELS DOE 5481.1B (Nuke Facil. only); Para. 7b(3), 7e(3),8c of DOE 5480.6; Para.51,7b(3 & (4), 7e(3),8a)<br>CHANGE 001   | NUCLEAR SAFETY ANALYSIS REPORTS   | EH         | 04-10-92     |
|  |   | EH         | 03-10-94     |
| DOE O 5480.30  | NUCLEAR REACTOR SAFETY DESIGN CRITERIA  | EH         | 01-19-93     |
| DOE O 5484.1<br>(Paragraphs 1 through 5, 6A(1) through (10), both 6F(1) through (8) and the second misnumbered 6F, and Chapters I and II Canceled by DOE O 225.1; Paragraph 1E of Chapter II and Chapters III, IV, and V are cancelled by DOE O 231.1) | ENVIRONMENTAL PROTECTION, SAFETY, AND HEALTH PROTECTION INFORMATION REPORTING REQUIREMENTS                              | EH         | 02-24-81     |

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| CHANGE 001   |   | EH         | 06-29-81             |
| CHANGE 002   |   | EH         | 08-13-81             |
| CHANGE 003   |   | EH         | 11-06-87             |
| CHANGE 004   |   | EH         | 10-17-89             |
| CHANGE 005   |   | EH         | 03-15-90             |
| CHANGE 006   |   | EH         | 06-29-90             |
| CHANGE 007   |   | EH         | 10-17-90             |
| DOE O 5530.3<br>CHANGE 001   | RADIOLOGICAL ASSISTANCE PROGRAM   | DP<br>DP   | 01-14-92<br>04-10-92 |
| DOE O 5610.2<br>CHANGE 001   | CONTROL OF WEAPON DATA  | DP<br>DP   | 08-01-80<br>09-02-86 |
| DOE O 5632.1C<br>(CANCELS DOE 5632.1B; DOE 5632.2A; DOE 5632.5; DOE 5632.6; DOE 5632.9A; DOE 5632.11; 5635.1A, 2B & 3) | PROTECTION AND CONTROL OF SAFEGUARDS AND SECURITY INTERESTS                                     | NN         | 07-15-94             |
| DOE O 5632.7A<br>(CANCELS DOE 5632.7 AND DOE 5632.8)<br>CHANGE 001   | PROTECTIVE FORCE PROGRAM  | NN<br>NN   | 04-13-94<br>02-13-95 |
| DOE 5633.3B<br>(CANCELS DOE 5633.2A, DOE 5633.3A, DOE 5633.4, AND DOE 5633.5)  | CONTROL AND ACCOUNTABILITY OF NUCLEAR MATERIALS   | NN         | 09-07-94             |
| DOE O 5639.8A<br>(CANCELS DOE 5639.8)  | SECURITY OF FOREIGN INTELLIGENCE INFORMATION AND SENSITIVE COMPARTMENTED INFORMATION FACILITIES | NN         | 07-23-93             |
| DOE O 5660.1B<br>(CANCELS DOE 5660.1A)   | MANAGEMENT OF NUCLEAR MATERIALS   | DP         | 05-26-94             |
| DOE O 5670.1A<br>(CANCELS DOE 5670.1)  | MANAGEMENT AND CONTROL OF FOREIGN INTELLIGENCE  | IN         | 01-15-92             |
| DOE O 5670.3   | COUNTERINTELLIGENCE PROGRAM   | CN         | 09-04-92             |
| ID O 251.1<br>(CANCELS ID N 251.1B)  | ID DIRECTIVES SYSTEM  |            | QARM 05-10-99        |
| ID O 414.1<br>(CANCELS ID Quality Management Plan, December 1995)  | QUALITY ASSURANCE   |            | QARM 07-26-99        |
| ID O 420.A   | FIRE SAFETY PROGRAM   | OPE        | 07-13-99             |
| <b><u>MANUALS</u></b>  |   |            |                      |
| DOE M 140.1-1A<br>(CANCELS DOE M 140.1-1)  | INTERFACE WITH THE DEFENSE NUCLEAR FACILITIES SAFETY BOARD                                      | QS         | 01-26-99             |

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| DOE M 200.1-1  | TELECOMMUNICATION SECURITY MANUAL  | HR         | 03- -97                          |
| DOE M 231.1-1<br>CHANGE 001  | ENVIRONMENT, SAFETY, AND HEALTH REPORTING MANUAL                                 | EH<br>EH   | 09-30-95<br>11-07-96             |
| DOE M 232.1-1A<br><br>(CANCELS DOE M 232.1-1)  | OCCURRENCE REPORTING AND PROCESSING OF OPERATIONS INFORMATION                    | EH         | 07-21-97                         |
| <i>Clarification for DOE M 232.1-1A:</i>   |  |            |                                  |
| <i>Section 9.9.3.H, Group 3 - Personnel Safety, A (Off-Normal) (3): A decision to report an "off-normal" occurrence is to be prompted by the identification of an abnormal event or condition in which personnel exposure exceeded, or is suspected to have exceeded, a Permissible Exposure Limit (PEL) or Threshold Limiting Value (TLV). When personnel exposures to the hazards are eliminated, or at least diminished to levels not exceeding mandated limits, through the use of appropriate administrative or engineering controls, or personal protective equipment, then there is no personnel exposure and it is not necessary to file an occurrence report.</i> |  |            |                                  |
| DOE M 251.1-1A<br>(CANCELS DOE M 251.1-1)  | DIRECTIVES SYSTEM MANUAL   | HR         | 01-30-96                         |
| DOE M 435.1-1  | RADIOACTIVE WASTE MANAGEMENT MANUAL  | EM         | 07-09-99                         |
| DOE M 440.1-1  | DOE EXPLOSIVES SAFETY MANUAL   | EH         | 09-30-95                         |
| DOE M 452.4-1  | PROTECTION OF USE CONTROL VULNERABILITIES AND DESIGNS                            | DP         | 07-01-99                         |
| DOE M 471.2-1B<br><br>(CANCELS DOE M 471.2-1A)   | CLASSIFIED MATTER PROTECTION AND CONTROL MANUAL                                  | NN         | 01-06-99                         |
| DOE M 472.1-1<br>(CANCELS Chapters I-IX of DOE 5631.2C. The rest of this Order was previously canceled by DOE O 472.1B)  | PERSONNEL SECURITY PROGRAM MANUAL  | NN         | 05-22-98                         |
| DOE M 473.2-1<br>(CANCELS DOE M 5632.7-1)<br>CHANGE 001  | FIREARMS QUALIFICATION COURSES MANUAL  | NN<br>NN   | 07-08-97<br>08-21-97             |
| DOE M 474.1-2<br><br>(CANCELS DOE 5633.3B Guide)<br>CHANGE 001<br>CHANGE 002   | NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM REPORTING AND DATA SUBMISSION | NN<br>NN   | 02-10-98<br>04-27-98<br>11-16-98 |
| DOE M 475.1-1<br>(CANCELS DOE 5650.2B)   | IDENTIFYING CLASSIFIED INFORMATION   | NN         | 05-08-98                         |
| DOE M 481.1-1  | REIMBURSABLE WORK FOR NON-FEDERAL SPONSORS PROCESS MANUAL                        | HR         | 09-30-96                         |

September 22, 1999

| <u>ORDER NO.</u>   | <u>SUBJECT</u>  | <u>OPI</u>      | <u>DATED</u>        |
|--|---|-----------------|---------------------|
| DOE M 5632.1C-1  | MANUAL FOR PROTECTION AND CONTROL OF SAFEGUARDS<br>AND SECURITY INTERESTS | NN              | 07-15-94            |
| (Chapter XI canceled by DOE O 470.1) (Chapter III, para. 1, 2 and 4 through 9 canceled by DOE O 471.2) |   |                 |                     |
| CHANGE 001   |   | NN              | 04-10-96            |
| <del>ID M 251.1-1</del>  | <del>ID DIRECTIVES SYSTEM MANUAL</del>                                    | <del>OARM</del> | <del>05-10-99</del> |

NOTICES

|                                  |  |               |                     |
|----------------------------------|--|---------------|---------------------|
| <del>DOE N 205.1</del>           | <del>UNCLASSIFIED CYBER SECURITY PROGRAM</del>   | <del>MA</del> | <del>07-26-99</del> |
| <del>(CANCELS DOE E360.2B)</del> |  |               |                     |
| <del>DOE N 350.5</del>           | <del>USE OF FACILITY CONTRACTOR EMPLOYEES FOR SERVICES<br/>TO DOE IN THE WASHINGTON, D.C. AREA</del> | <del>MA</del> | <del>04-15-99</del> |
| DOE N 440.1                      | INTERIM CHRONIC BERYLLIUM DISEASE PREVENTION<br>PROGRAM  | OS            | 07-15-97            |
| DOE N 441.1                      | RADIOLOGICAL PROTECTION FOR DOE ACTIVITIES   | EH            | 09-30-95            |

***Clarification for DOE N 441.1:***

1. DOE N 441.1, Section 2(d) states, "Cancellation of DOE N 5480.11, Extension of Radiological Control Manual, revision 1 (DOE Radiological Control Manual [DOE/EH-0256T] remains as guidance)."

*DOE-ID clarification:* The DOE Radiological Control Manual (RCM) will remain contractually enforceable. Modifications to the INEEL Radiological Control Manual that result from conflicts due to transition to this Notice must be provided to the ID Radiological Control Manager for prior approval. RCM changes shall be provided for the DOE-ID Radiological Control Manager within 6 months of the contract modification.

2. DOE N 441.1, Section 6.a.(3) states, "A facility-specific ACL shall be approved each year by facility management to maintain radiological worker doses below the DOE ACL. Written authorization by facility management shall be required prior to allowing any radiological worker's dose resulting from planned activities to exceed the facility-specific ACL."

*DOE-ID clarification:* "Facility-specific" as used in this section means the INEEL. "Facility management" as used in this section means the Contractor's senior management official and the DOE-ID Manager.

3. DOE N 441.1, Section 6.c.(1) states, "Radiation safety training for general employees, radiological workers, and radiological control technicians shall utilize those portions of the standardized core training materials published by DOE that are relevant to facility hazards and operations, augmented as necessary by site-specific material. Documentation of satisfactory completion of the entire DOE standardized core course(s) shall be accepted by all DOE activities."

*DOE-ID clarification:* The INEEL may accept completed DOE core radiological training for general employees, radiological workers, and radiological control technicians from non-INEEL sources provided that auditable records are kept to document the basis for acceptance. The INEEL radiological training should be consistent with the guidance in the INEEL Radiological Control Manual.

4. DOE N 441.1, Section 6.d. states, "Any accessible area in which radioactive material is used, handled, or stored shall be posted with the words 'Caution, Radioactive Material.' The posting shall meet the requirements of 10 CFR 835.601. The following areas are exempt for this posting requirement..."

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|--|--|----------------|---------------------|
| <i>DOE-ID clarification:</i> "Accessible" as used in this section means any portion of the body.   |  |                |                     |
| 5.   | RCM 231.6 states, "If more than one radiological condition (such as contamination, and high radiation) exists in the same area, each condition <u>should</u> be identified."   |                |                     |
| <i>DOE-ID clarification:</i> For article RCM 231.6 add, "Postings with the words 'Caution Radioactive Material' are not required for: areas posted as a radiological area in accordance with 10 CFR 835.603; other areas posted with radiological warning signs meeting the criteria established in 10 CFR 835.601; areas containing radioactive materials in quantities below that which is likely to cause any individual to receive a TEDE in excess of 0.1 rem in a year." |  |                |                     |
| 6.   | RCM 431.1 states, "DOE N 5400.9 describes how sealed (extended by DOE N 5400.10) radioactive sources <u>shall</u> be controlled and maintained, and specifies requirements for receipt, inventory, storage, transfer, disposal and integrity testing." |                |                     |
| <i>DOE-ID clarification:</i> Change to read "DOE N 441.1 describes how sealed..."  |  |                |                     |
| 7.   | Other necessary modifications to the RCM as a result of implementation of this Notice are to be performed by the Contractor and provided to the DOE-ID Radiological Control Manager for prior approval.  |                |                     |
| DOE N 441.4  | EXTENSION OF DOE N 441.1, RADIOLOGICAL PROTECTION FOR DOE ACTIVITIES   | EH             | 11-20-98            |
| ID N 420.A1<br>(CANCELS ID N 420.A)  | SAFETY BASIS REVIEW AND APPROVAL PROCESS   | OPE            | 05-11-98            |
| <del>ID N 430.D</del>  | <del>WELDING PRACTICES AND ACTIVITIES AT THE INEL</del>  | <del>OPE</del> | <del>09-23-96</del> |
| ID N 430.1A  | LIFE CYCLE ASSET MANAGEMENT: ID EXPECTATIONS   | OPE            | 02-24-97            |
| <del>ID N 450.C</del>  | <del>AUTHORIZATION AGREEMENTS</del>  | <del>OPE</del> | <del>02-08-99</del> |
| <del>ID N 450.D</del>  | <del>RADIOLOGICAL ASSISTANCE PROGRAM FOR PERSONNEL AND/OR EQUIPMENT FROM THE INEL SUSPECTED OF BEING RADIOLOGICALLY CONTAMINATED</del>   | <del>OPE</del> | <del>03-08-99</del> |
| ID N 473.A   | PHYSICAL SECURITY INFORMATION (FIREARMS, BOMB THREAT, INEL TRAFFIC CITATIONS, AND CONTROLLED SUBSTANCES)   | SSD            | 10-30-95            |
| <del>ID N 474.A</del>  | <del>CONTROL AND ACCOUNTABILITY OF NUCLEAR MATERIAL</del>  | <del>SSD</del> | <del>09-23-96</del> |
| <del>ID N 5660.1A</del><br>(CANCELS ID N 5660.1)   | <del>MANAGEMENT OF NUCLEAR MATERIAL</del>  | <del>SSD</del> | <del>02-08-99</del> |
| <b><u>OTHER</u></b>  |  |                |                     |
| <del>DOE-STD-1090-99</del>   | HOISTING AND RIGGING   |                | 03- -99             |
|  | DOE ACCOUNTING PRACTICES AND PROCEDURES HANDBOOK, CHAPTER X, PRODUCT COST ACCOUNTING   |                | 06-30-80            |