II SECTION J, LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS, ATTACHMENT 5, OPERATING AND ADMINISTRATIVE REQUIREMENTS (LIST B) is deleted and replaced in its entirety with the following which reflects the incorporation of the following changes:

Summary of Modifications to Attachment 5 Operating and Administrative Requirements

Mod 221

| Deleted | DOE O 443.1 CRD | CRD applicable in |
|---------|---|-------------------|
| | Protection of Human Subjects | whole |
| | Approved: 05/15/00 | |
| | This Order does not apply to NREL | |
| Added | DOE N 206.5 CRD | CRD applicable in |
| | Response and Notification Procedures for Data Breaches | whole |
| | Involving Personally Identifiable Information | |
| | Approved: 10/09/07 | |
| Added | DOE O 210.2 CRD | CRD applicable in |
| | DOE Corporate Operating Experience Program | whole |
| | Approved: 06/12/06 | |
| Deleted | DOE O 226.1 CRD | CRD applicable in |
| | Implementation of Department of Energy Oversight Policy | whole |
| | Approved: 09/15/05 | |
| Added | DOE O 226.1A CRD | CRD applicable in |
| | Implementation of Department of Energy Oversight Policy | whole |
| | Approved: 07/31/07 | |
| Deleted | DOE M 231.1-1A CRD | CRD applicable in |
| | Change 1 | whole |
| | Environment, Safety and Health Reporting Manual | |
| | Approved: 03/19/04 | |
| | Change 1: 09/09/04 | |
| Added | DOE M 231.1-1A CRD | CRD applicable in |
| | Change 2 | whole |
| | Environment, Safety and Health Reporting Manual | |
| | Approved: 03/19/04 | |
| | Change 2: 06/12/07 | |

SECTION J – LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS ATTACHMENT 5

OPERATING AND ADMINISTRATIVE REQUIREMENTS (LIST B) Prime Contract No. DE-AC36-99GO10337

The operating and administrative requirements, including the Contractor Requirements Documents of DOE directives listed below are applicable in whole or in part in accordance with clauses H-19 Application of DOE Contractor Requirements Documents and 970.5204-2, Laws, Regulations, and DOE Directives (DEC 2000). The concurrence analysis documenting applicability for each requirement below is maintained in the DOE Master File as well as any assurances as required by Clause H-19, are made a part of this Contract by reference and are managed through a formal change control process.

| Operating and Administrative Requirements | Applicability |
|---|-------------------|
| DOE O 110.3A CRD | CRD applicable in |
| Conference Management | whole |
| Approved: 01/25/07 | |
| DOE O 130.1 CRD | CRD applicable in |
| Budget Formulation | whole |
| Approved: 09/29/95 | |
| DOE O 142.3 CRD | CRD applicable in |
| Unclassified Foreign Visits and Assignments Program | whole |
| Approved: 06/18/04 | |
| DOE O 151.1C CRD | CRD applicable in |
| Comprehensive Emergency Management System | whole |
| Approved: 11/02/05 | |
| DOE O 200.1 CRD | CRD applicable in |
| Information Management Program | whole |
| Approved: 09/30/96 | |
| DOE N 203.1 CRD | CRD applicable in |
| Software Quality Assurance | whole |
| Approved: 10/02/00 | |
| DOE O 205.1A CRD | CRD applicable in |
| Department of Energy Cyber Security Management | whole |
| Approved 12/04/06 | |
| DOE N 205.2 CRD | CRD applicable in |
| Foreign National Access to DOE Cyber Systems | whole |
| Approved: 11/01/99 | |
| DOE N 205.7, dated 02/12/04, extends this directive until 08/12/04 | |
| DOE N 205.16, dated 09/15/05, extends this directive until 09/30/06 | |

| Operating and Administrative Requirements | Applicability |
|--|-------------------|
| DOE N 205.3 CRD | CRD applicable in |
| Password Generation, Protection and Use | part |
| Approved: 11/23/99 | |
| DOE N 205.7, dated 02/12/04, extends this directive until 08/12/04 | |
| DOE N 205.16, dated 09/15/05, extends this directive until 09/30/06 | |
| DOE N 205.8 CRD | CRD applicable in |
| Cyber Security Requirements for Wireless Devices and Information | part |
| Systems | |
| Approved: 02/11/04 | |
| DOE N 205.15, dated 03/18/05, extends this directive until 03/18/06 | |
| DOE N 205.9 CRD | CRD applicable in |
| Certification and Accreditation Process for Information Systems | part |
| Including National Security Systems | |
| Approved: 02/19/04 | |
| DOE N 205.15, dated 03/18/05, extends this directive until 03/18/06 | |
| DOE N 205.10 CRD | CRD applicable in |
| Cyber Security Requirements for Risk Management | part |
| Approved: 02/19/04 | |
| DOE N 205.15, dated 03/18/05, extends this directive until 03/18/06 | |
| DOE N 205.11 CRD | CRD applicable in |
| Security Requirements for Remote Access to DOE and Applicable | part |
| Contractor Information Technology Systems | |
| Approved: 02/19/04 | |
| DOE N 205.15, dated 03/18/05, extends this directive until 03/18/06 | |
| DOE N 206.3 CRD | CRD applicable in |
| Personal Identity Verification | part |
| Approved: 11/22/05 | |
| DOE N 251.67 extends DOE N 206.3 until 03/22/07 | |
| DOE N 206.5 CRD | CRD applicable in |
| Response and Notification Procedures for Data Breaches Involving | whole |
| Personally Identifiable Information | |
| Approved: 10/09/07 | |
| DOE O 210.2 CRD | CRD applicable in |
| Corporate Operating Experience Program | whole |
| Approved: 06/12/06 | |
| DOE O 221.1 CRD | CRD applicable in |
| Reporting Fraud, Waste, and Abuse to the Office of Inspector General | whole |
| Approved: 03/22/01 | |
| DOE O 221.2 CRD | CRD applicable in |
| Cooperation with the Office of Inspector General | whole |
| Approved: 03/22/01 | |
| DOE O 225.1A CRD | CRD applicable in |
| Accident Investigations | whole |
| Approved: 11/26/97 | |

| Operating and Administrative Requirements | Applicability |
|---|-------------------------|
| DOE O 226.1A CRD Implementation of Department of Energy Oversight Policy Approved: 07/31/07 | CRD applicable in whole |
| DOE M 231.1-1A CRD Change 2 Environment, Safety and Health Reporting Manual Approved: 03/19/04 | CRD applicable in whole |
| Change 2: 06/12/07 DOE M 231.1-2 CRD Occurrence Reporting and Processing of Operations Information Approved: 08/19/03 | CRD applicable in whole |
| DOE O 241.1A CRD Scientific and Technical Information Management Approved: 04/09/01 | CRD applicable in whole |
| DOE O 243.1 CRD Records Management Program Approved: 02/03/06 | CRD applicable in whole |
| DOE O 243.2 CRD Vital Records Approved: 02/02/06 | CRD applicable in whole |
| DOE O 251.1B CRD Departmental Directives Program Approved: 08/16/06 | CRD Applicable in whole |
| DOE O 350.1 CRD(s) Change 1 Contractor Human Resource Management Programs Approved: 09/30/96 | CRD applicable in whole |
| Change 1: 05/08/98 DOE 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 | CRD applicable in whole |
| Approved: 10/29/03 DOE O 412.1 CRD Work Authorization System | CRD applicable in whole |
| Approved: 04/20/99 DOE O 413.1A CRD Management Control Program Approved: 04/18/02 | CRD applicable in whole |
| Approved: 04/18/02 DOE O 413.2B CRD Laboratory Directed Research and Development Approved: 04/19/06 | CRD applicable in whole |
| DOE O 413.3A CRD Program and Project Management for the Acquisition of Capital Assets Approved: 07/28/06 | CRD applicable in whole |

| Operating and Administrative Requirements | Applicability |
|--|-------------------|
| DOE O 414.1C CRD | CRD applicable in |
| Quality Assurance | part |
| Approved: 06/17/05 | |
| DOE O 430.1B CRD | CRD applicable in |
| Real Property Asset Management | whole |
| Approved: 09/24/03 | |
| DOE O 430.2A CRD | CRD applicable in |
| Departmental Energy and Utilities Management | whole |
| Approved: 04/15/02 | |
| DOE O 450.1 CRD | CRD applicable in |
| (Change 3) Administrative Change 1 | whole |
| Environmental Protection Program | |
| Approved: 01/15/03 | |
| Change 3: 01/03/07 | |
| DOE M 450.4-1 CRD | CRD applicable in |
| Integrated Safety Management System Manual | whole |
| Approved: 11/01/06 | |
| DOE O 470.2B CRD | CRD applicable in |
| Independent Oversight and Performance Assurance Program | whole |
| Approved: 10/31/02 | Whole |
| DOE M 470.4-1 CRD | CRD applicable in |
| Change 1 | part |
| Safeguards and Security Program Planning and Management | part |
| Approved: 08/26/05 | |
| Change 1: 03/07/06 | |
| DOE M 470.4-2 CRD | CRD applicable in |
| Change 1 | part |
| Physical Protection | purt |
| Approved: 08/26/05 | |
| Change 1: 03/07/06 | |
| DOE M 470.4-3 CRD | CRD applicable in |
| Change 1 | part |
| Protective Force | part |
| Approved: 08/26/05 | |
| Change 1: 03/07/06 | |
| DOE M 470.4-4 CRD | CRD applicable in |
| Information Security | part |
| Approved: 08/26/05 | pur |
| DOE M 470.4-5 CRD | CRD applicable in |
| Personnel Security | part |
| Approved: 08/26/05 | Part |
| DOE O 471.3 CRD | CRD applicable in |
| Identifying and Protecting Official Use Only Information | whole |
| Approved: 04/09/03 | WHOLE |
| Approved. 04/09/03 | |

| Operating and Administrative Requirements | Applicability |
|---|-------------------|
| DOE M 471.3-1 CRD | CRD applicable in |
| Manual for Identifying and Protecting Official Use Only Information | whole |
| Approved: 04/09/03 | |
| DOE O 475.1 CRD | CRD applicable in |
| Counterintelligence Program | whole |
| Approved: 12/10/04 | |
| DOE O 482.1 CRD | CRD applicable in |
| DOE Facilities Technology Partnering Programs | whole |
| Approved: 01/12/01 | |
| DOE O 483.1 CRD | CRD applicable in |
| DOE Cooperative Research and Development Agreements | whole |
| Approved: 01/12/01 | |
| DOE O 484.1 CRD | CRD applicable in |
| Reimbursable Work for the Department of Homeland Security | whole |
| Approved: 08/17/06 | |
| DOE O 522.1 CRD | CRD applicable in |
| Pricing of Departmental Materials and Services | whole |
| Approved: 11/03/04 | |
| DOE O 534.1B CRD | CRD applicable in |
| Accounting | whole |
| Approved: 01/06/03 | |
| DOE O 551.1B CRD | CRD applicable in |
| Official Foreign Travel | whole |
| Approved: 08/19/03 | |
| DOE O 580.1 CRD | CRD applicable in |
| Department of Energy Personal Property Management Program | whole |
| Approved: 12/07/05 | |