

Section J
Appendix F

List of applicable Laws, Regulations, and DOE Directives.

This appendix serves to place the DOE/NV complex-wide Work Smart Standards (WSS) in perspective for application on the contract. The WSS are included in the contract by reference to the WSS, including additional lists of DOE Directives for certain work, as maintain on the DOE/NV Internet <http://www.nv.doe.gov> and Intranet Home Pages, <http://nvhome>. The WSS includes two additional List of DOE directives applicable to certain categories of work discussed further below and one facility, the Device Assembly Facility, wherein some exempt activities are conducted..

For most activities, the WSS were initially developed with the participation of involved contractors including Bechtel Nevada, Inc., DOE/NV, and other contractors; using the DOE approved Necessary and Sufficient Closure Process. Some work activities were exempt from the initial DOE/NV implementation of the Necessary and Sufficient Closure Process.

To address the categories of activities exempt from the DOE/NV Necessary and Sufficient Closure Process, a list is included with WSS to identify the DOE Directives applicable to exempt work. The categories of activities which were not included in the initial Necessary and Sufficient Closure Process are as follows:

- Nuclear Device Assembly/Disassembly
- Energetic Experiments with Special Nuclear Materials (SNM)
- Nuclear Explosive Safety
- Safeguards and Security of SNM
- Classification of Information
- National emergency Response Assets.

A second list, a facility specific list of DOE Directives was also established to serve as the basis of requirements for the Device Assembly Facility. This list of DOE Directives is also maintained on the DOE/NV Home Pages with WSS.

DOE/NV has established a Work Smart Standards Change Review Group (CRG) to disposition changes to WSS and the additional lists of DOE Directives for exempt work categories.. Contractors serve as members of the CRG to participate with DOE/NV to disposition changes to WSS and the two additional lists of Directives. DEAR Clause 970.5204-78 provides notification requirements on DOE and assessment of impact requirements on the contractor regarding changes to DOE Directives. By agreeing to the contract, DOE/NV and the contractor intended to meet their obligations (notifications/impact assessments) in this regard by CRG representative participation, on a consensus basis. CRG recommendations for changes will equally apply to the Contracting Officer and the contractor. Therefore, changes to WSS are hereby agreed by the parties to this contract to be applicable when such change recommendations are approval by the

CRG Chairman and posted on the DOE/NV Home Pages.

If change conditions warrant significant schedule relief or cost considerations, they will be addressed by the CRG and included in Implementation Considerations, on the Format 1 posted on the DOE/NV Home Page. Appropriate budget and schedule planning will accommodate the changes as agreed with respect to financial and performance obligations under other provisions of this contract.

List B.2) identifies "DOE Directives applicable to Activities Not Included in the Necessary and Sufficient Process. The following activities were not included in the Necessary and Sufficient Closure Process:

- Nuclear Device Assembly/Disassembly
- Energetic Experiments (with Special Nuclear Material)
- Nuclear Explosive Safety
- Safeguards and Security for Special Nuclear Material
- Classification of Information
- National Emergency Response Assets

List B.3) identifies "DOE Directives Applicable to the Device Assembly Facility". And List B.4) identifies "DOE Directives applicable to Life Cycle Asset Management until Implementation Plan Developed" and addresses the applicability of orders canceled by the DOE Order 430.1.

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List B. DOE Directives and Other documents (continued)

B.2) DOE Directives Applicable to Activities Not Included in the Necessary and Sufficient Process:

| <u>DOE DIRECTIVE</u> | <u>TITLE</u> |
|-----------------------------|--|
| M471.2-1 | Manual for Classified Material Protection |
| M5632.1 | Manual for protection and Control of Safeguards and Security Interests |
| M5639.6 | Manual of Security Requirements for the Classified Automated Information System Security Program |
| O151.1, CRD ¹ | Comprehensive Emergency Management System |
| O210.1 | Performance Indicators and Analysis of Operations Information |
| O251.1, CRD | Directives System |
| O425.1 | Startup and Restart of Nuclear Facilities |
| O452.1 | Nuclear Explosive and Weapons Surety |
| O452.2 | Safety of Nuclear Explosive Operations |
| O470.1 | Safeguards and Security Program |
| O471.1, CRD | Identification and Protection of Unclassified Controlled Nuclear Information |
| O471.2, CRD | Information Security Program |
| O472.1 | Personnel Security Activities |
| 5300.2 | Telecommunications: Emission Security (TEMPEST) |
| 5300.3 | Telecommunications: Communications Security |
| 5300.4 | Telecommunications: Protected Distribution Systems |
| 5400.5 | Radiation Protection of the Public and the Environment |
| 5480.19 | Conduct of Operations |
| 5480.21 | Unreviewed Safety Questions |
| 5480.22 | Technical Safety Requirements |
| 5480.23 | Nuclear Safety Analysis Reports |
| 5480.24 | Nuclear Criticality Safety |
| 54XF.1 | Characterization of Event Site |
| 5530.1 | Accident Response Group |
| 5530.2 | Nuclear Emergency Search Team |
| 5530.3 | Radiological Assistance Program |
| 5530.4 | Aerial Measuring System |
| 5530.5 | Federal Radiological Monitoring Assessment Center |
| 5610.2 | Control of Weapon Data |

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List B. DOE Directives and Other documents (continued)

B.2) DOE Directives Applicable to Activities Not Included in the Necessary and Sufficient Process (continued)

| <u>DOE DIRECTIVE</u> | <u>TITLE</u> |
|-----------------------------|---|
| 5631.2, Chapt1 - 9 | Personnel Security Programs |
| 5632.1 | Protection and Control of Safeguards and Security Interests |
| 5632.7 | Protective Force Program |
| 5633.3 | Control and Accountability of Nuclear Materials |
| 5639.8 | Security of Foreign Intelligence Information and Sensitive Compartmented Information Facilities |
| 5670.1 | Management and Control of Foreign Intelligence |
| 5670.3 | Counterintelligence Program |
| 56XE.1 | Underground Nuclear Testing |
| 56XF.1 | Testing Readiness Assessments |

¹ Contractor Requirements Document (CRD)

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List B. DOE Directives and Other documents (continued)

B.3) Doe Directives Applicable to the Device Assembly Facility

DOE DIRECTIVE **TITLE**

| | |
|----------|--|
| 1300.2* | DOE Technical Standards Program |
| 1360.2* | Unclassified Computer Security Program |
| 1540.2* | Hazardous Material Packaging for Transport - Administrative Procedures |
| 4330.4* | Maintenance Management Program |
| 4700.1* | Project Management System |
| 5000.3* | Occurrence Reporting |
| 5400.1* | General Environmental Protection Program |
| 5400.5* | Radiation Protection of the Public and the Environment |
| 5480.3* | Safety Requirements for the Packaging and Transportation of Hazardous Materials, Hazardous Substances and Hazardous Wastes |
| 5480.4* | Environmental Protection, Safety and Health Protection Standards |
| 5480.7* | Fire Protection |
| 5480.8* | Contractor Occupational Medical Program |
| 5480.10* | Contractor Industrial Hygiene Program |
| 5480.11* | Radiation Protection for Occupational Workers |
| 5480.15* | Department of Energy Laboratory Accreditation Program for Personnel Dosimetry |
| 5480.16* | Firearms Safety |
| 5480.19* | Conduct of Operations Requirements for DOE Facilities |
| 5480.20* | Personnel Selection, Qualification, Training, and Staffing Requirements at DOE Reactor and Nonreactor Nuclear Facilities |
| 5480.21* | Unreviewed Safety Questions |
| 5480.22* | Technical Safety Requirements |
| 5480.23* | Nuclear Safety Analysis Reports |
| 5480.24* | Nuclear Criticality Safety |
| 5480.26* | Trending and Analysis of Operations Information Using Performance Indicators |
| 5480.28* | Natural Phenomena Hazards Mitigation |
| 5480.29* | Employee Concerns Management System |
| 5480.31* | Startup and Restart of Nuclear Facilities |
| 5481.1* | Safety Analysis and Review System |

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List B. DOE Directives and Other documents (continued)

B.3) DOE Directives Applicable to the Device Assembly Facility (continued)

DOE DIRECTIVE **TITLE**

| | |
|----------|--|
| 5482.1* | Environment, Safety and Health Appraisal Program |
| 5483.1* | Occupational Safety and Health Program for DOE Contractor Employees at Government-Owned Contractor-Operated Facilities |
| 5484.1* | Environmental Protection, Safety and Health Protection Information Reporting Requirements |
| 5500.2* | Emergency Categories, Classes, and Notification and Reporting Requirements |
| 5500.3* | Planning and Preparedness for Operational |
| 5500.10* | Emergency Readiness Assurance Program |
| 5610.2* | Control of Weapon Data |
| 5610.10* | Nuclear Explosive and Weapon Safety Program |
| 5610.11* | Nuclear Explosives Safety |
| 5700.6* | Quality Assurance |
| 5820.2* | Radioactive Waste Management |
| 6430.1* | General Design Criteria |

* Indicates that the order contains specific requirements identified as applicable to the Device Assembly Facility (DAF), Area 6, in the Facility Specific Order Compliance Self-Assessment conducted for the Operations Readiness Review (ORR). Upon successful completion of the DAF ORR, the orders may be replaced by the site-wide program as defined by the Necessary and Sufficient Standards and List A, unless noted otherwise.

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List B. DOE Directives and Other documents (continued)

B. 4) Doe Directives Applicable to Live Cycle Asset Management until Implementation Plan Developed:

| <u>DIRECTIVE</u> | <u>TITLE</u> |
|-------------------------|--|
| 1332.1 | Uniform Reporting System |
| 4010.1 | Value Engineering |
| 4320.1 | Site Development Planning |
| 4320.2 | Capital Asset Management Process |
| 4330.5 | Surplus Facility Transfer |
| 4700.1* | Project Management System |
| 4700.3 | General Plant Projects |
| 4700.4 | Project Manager Certification |
| 5700.2 | Cost Estimating, Analysis, and Standardization |

NOTES:

1. * indicates the order contains specific requirements identified as applicable to the BN Contract at the Device Assembly Facility (DAF), Area 6, in the Facility Specific Order Compliance Self-Assessment conducted for the Operations Readiness Review (ORR). Upon completion of the DAF ORR, the Order will be replaced by the site wide program as defined by the Work Smart Standards (WSSs).
2. For DOE Orders 4300.1, Real Property Management, 4330.4 Maintenance Management Program, 4540.1, Utility Acquisition and Management, and 6430.1, General Design Criteria, covered by DOE Order 430.1, LCAM, The Work Smart Standards (elsewhere identified in section J, Appendix A) are considered replacements and supersedes those orders. Should these orders be referenced in orders which remain, the Work Smart Standards shall supersede the reference.

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List B. DOE Directives and Other documents (continued)

B. 4) Doe Directives Applicable to Live Cycle Asset Management until Implementation Plan Developed: (continued)

DOE Order 4330.5 Surplus Facility Transfer, and DOE Order 4700.4 Project Manager Certification are instructions to the Department of Energy, but not to the Contractor, and as such are not included in the Contract. Forthcoming DOE guidance on project management may address these areas.

The remaining DOE Orders, covered under 430.1 LCAM (1332.1 Uniform reporting System, 4010.1 Value Engineering, 4320.1 Site Development Planning, 4320.2 Capital Asset Management Process, 4700.1 Project Management System, 4700.3 General Plant Projects, and 5700.2 Cost Estimating), will remain applicable to the Contract work until such time as DOE notifies the Contractor, in writing, that they no longer apply.

3. In addition, DOE Order 4330.4 and 6430.1 will remain in effect for DAF a facility under the purview of the Defense Nuclear Facility Safety Board, until 10 CFR 830.340, MAINTENANCE MANAGEMENT, and DOE Order 420.1, FACILITY SAFETY (issued 11-16-95), are both issued as final by the Assistant Secretary for Environment, Safety, and Health, DOE, and implemented by the Contractor.