

## EMCBC ISMS Implementation Matrix

| ISMS GUIDING PRINCIPLES   | MANAGEMENT PROCESS             | IMPLEMENTING PROCEDURE DESCRIPTION   |
|---|--------------------------------|--|
| Principle 1:<br>Line Management Responsibility for Safety                             | Planning                       | EMCBC Strategic Plan   |
|   | Establishing Roles             | EMCBC Services Plan  |
|   |                                | Procurement Authorities, Delegations, and Responsibilities                                       |
|   |                                | Individual Position Descriptions and Performance Plans   |
| Principle 2:<br>Clear Roles and Responsibilities                                      | Establishing Roles             | EMCBC Function, Responsibilities and Authorities   |
|   |                                | EMCBC Management System  |
| Principle 3:<br>Competence Commensurate with Responsibilities                         | Training                       | Technical Qualification Program  |
|   |                                | Qualification of Assessment Personnel  |
|   |                                | Individual Development Plans   |
| Principle 4:<br>Balanced Priorities   | Workload Planning              | EMCBC Strategic Plan   |
|   |                                | EMCBC Management System  |
|   |                                | EMCBC Integrated Assessment Schedule   |
|   |                                | Office of Contracting Workload Management System   |
| Principle 5:<br>Identification of Safety Standards and Requirements                   | Identification of Requirements | Federal Employees Occupational Safety and Health Plan (FEOSH) Job Hazard Analysis process        |
|   |                                | Management of an Integrated Project Team (IPT)/Source Evaluation Board (SEB) at the EMCBC        |
| Principle 6:<br>Hazard Controls Tailored to Work Being Performed                      | Hazard Mitigation              | Federal Employees Occupational Safety and Health Plan (FEOSH) Job Hazard Analysis process        |
| Principle 7:<br>Operations Authorization  | Work Authorization             | DOE-EMCBC Support for Startup and Restart of Nuclear Facilities Procedure                        |
|   |                                | Independent Assessment Procedure   |
|   |                                | Management Assessment Procedure  |
|   |                                | Document review Procedure  |
|   |                                | Review and Approval of Proposed Sales, Procurement, Financial Assistance and Subcontract Actions |
| EM Safety Culture Principle 8:<br>Individual Attitude and Responsibilities for Safety | Establishing Roles             | Federal Employees Occupational Safety and Health Plan  |
| EM Safety Culture Principle 9:<br>Operational Excellence                              | Planning                       | EMCBC Strategic Plan   |

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| EM Safety Culture Principle 10:<br>Oversight for Performance Assurance                 | Oversight | Integrated Assessment Schedule                               |
|  |           | Independent Assessment Procedure                             |
|  |           | Management Assessment Procedure                              |
|  |           | Document review Procedure                                    |
| EM Safety Culture Principle 11:<br>Organizational Learning for Performance Improvement | Training  | Corrective Action Procedure                                  |
|  |           | Corporate Operating Experience and Lessons Learned Procedure |

| <b>ISMS CORE FUNCTION</b>                                 | <b>MANAGEMENT PROCESS</b> | <b>IMPLEMENTING PROCEDURE DESCRIPTION</b>  |  |
|---|---------------------------|--|--|
| Core Function 1:<br>Define Scope of Work                  | Work Planning             | EMCBC Strategic Plan   |  |
|   |                           | Federal Employees Occupational Safety and Health Plan  |  |
|   |                           | Office of Contracting individual contract Statement of Work or Performance Work Statement              |  |
| Core Function 2:<br>Analysis of Hazards                   | Work Planning             | Federal Employees Occupational Safety and Health Plan Job Hazard Analysis                              |  |
|   |                           | Office of Contracting individual contract applicable Federal Regulations and applicable DOE Directives |  |
| Core Function 3:<br>Develop and Implement Hazard Controls | Environmental Management  | EMCBC Environmental Management System (EMS) Program Description  |  |
|   | Work Planning             | Federal Employees Occupational Safety and Health Plan  |  |
|   |                           | Emergency Preparedness   | EMCBC Occupant Emergency Plan  |
|   |                           | Contracting  | Office of Contracting individual contract applicable Federal Regulations and applicable DOE Directives |
| Core Function 4:<br>Perform Work within Controls          | Work Performance          | Federal Employees Occupational Safety and Health Plan  |  |
|   |                           | Independent Assessment Procedure   |  |
|   |                           | Management Assessment Procedure  |  |
|   |                           | Corrective Action Procedure  |  |
|   | Environmental Management  | EMCBC Environmental Management System (EMS) Program Description  |  |
|   |                           | Green Purchasing Program Description   |  |
| Core Function 5:  | Performance               | Independent Assessment Procedure   |  |

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| Provide Feedback and Continuous Improvement | Feedback | Management Assessment Procedure  |
|   |          | Corrective Action Procedure  |
|   |          | Review and Approval of Proposed Sales, Procurement, Financial Assistance and Subcontract Actions |
|   |          | Corporate Operating Experience and Lessons Learned Procedure                                     |