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## Department of Energy

Idaho Operations Office  
850 Energy Drive  
Idaho Falls, Idaho 83401-1563

June 18, 1998

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DNF SAFETY BOARD

John T. Conway, Chairman  
Defense Nuclear Facilities Safety Board  
625 Indiana Avenue, NW, Suite 700  
Washington, D.C. 20004

**SUBJECT:** Submittal of Revised Department of Energy Idaho Operations Office Responses to Defense Nuclear Facilities Safety Board Questions on Integrated Safety Management (OPE-OS-98-075)

**REFERENCE:** Memorandum, J. M. Wilczynski to Richard Crowe, Subject: Department of Energy Idaho Operations Office (DOE-ID) Responses to Defense Nuclear Facilities Safety Board (DNFSB) Questions On Integrated Safety Management (OPE-OS-98-022), dated February 17, 1998

Dear Chairman Conway:

This letter updates information on the status of Integrated Safety Management System implementation at the Idaho National Engineering and Environmental Laboratory previously provided to the Board by Richard Crowe, Safety Management Implementation Team Director. The information provided by Mr. Crowe was based on the reference memorandum. The updated information contains additional detail in Section 3, "ISMS IMPLEMENTATION/EXECUTION" in response to suggestions from members of your staff. Minor changes were made to the responses to questions 1.3 and 1.4.

Please direct any questions or comments on the updated information to John W. Hobbs of my staff at (208) 526-0370.

Sincerely,

  
J. M. Wilczynski  
Manager

Enclosures (2)

cc w/enc:

M. B. Whitaker, Jr., DOE-HQ, S-3.1, 6H-025/FORS  
Richard Crowe, DOE-HQ, DP-20, A-202/GTN  
S. Robison, DOE-HQ, EM-44, 2099/CLOVERLEAF  
W. Cooper, DOE-HQ, EH-2/ID, MS 1212

SEPARATION

PAGE

**Department of Energy Idaho Operations Office (DOE-ID) Responses to  
Defense Nuclear Facilities Safety Board (DNFSB) December 23, 1997 Letter  
Regarding Status of Integrated Safety Management Implementation  
Updated June, 1998**

OVERVIEW

The Idaho National Engineering and Environmental Laboratory (INEEL) is working on a broad set of initiatives to improve overall work and operations performance and achieve operations excellence. The broad set of complementary initiatives include the Department's Integrated Safety Management System, as well as ISO 14001 Environmental Management System certification, site-wide implementation of Enhanced Work Planning, improvements to safety basis documentation, and achieving Star status in the Department's Voluntary Protection Program. Progress on implementation of these initiatives, as well as a number of existing processes, provide a sound framework for proceeding with successful institutionalization of the functions and principles of Integrated Safety Management.

The Idaho Operations Office (DOE-ID) is committed to institutionalizing the concept and practice of integrated safety management through the INEEL prime contract. In February 1998, Lockheed Martin Idaho Technologies Company (LMITCO) and DOE-ID executed a contract modification incorporating DEAR Clauses 970.5204-2 "Integration of Environment, Safety, and Health into Work Planning and Execution" and 970.5204-78 "Laws, Regulations, and DOE Directives" into the INEEL prime contract. DOE-ID and LMITCO are proceeding with development of the Integrated Safety Management System Description document (ISMS description), and supporting plan for phased implementation.

Institutionalizing the INEEL approach to safety management and operations excellence in the ISMS description will further enhance existing contractual processes, mechanisms, and remedies that ensure safety. All hazardous work DOE performs or contracts to perform at INEEL is done under safety controls providing adequate protection of the workers, the public, and the environment. Existing contract administration activities include monitoring technical compliance, inspection and acceptance, cost and schedule surveillance, engineering evaluations, safety bases approval, and evaluation and reporting on contractor performance. In particular, the management and operation of nuclear facilities at the INEEL is carefully controlled through the implementation of safety planning, evaluation, and configuration control processes compliant with the requirements of DOE Order 5480.22, "Technical Safety Requirements", and DOE Order 5480.23, "Nuclear Safety Analysis Report (SAR)".

In December 1997, DOE-ID provided responses to Board questions on safety and contract administration. While DOE-ID and LMITCO recognize the value and opportunity for enhancements to safety management via ISMS implementation, no additional specific compensatory measures beyond the activities described in the December 1997 and February 1998 INEEL responses to the Board questions are considered necessary.

Following are the INEEL responses to Board questions on the status of the Department's implementation efforts regarding Integrated Safety Management.

1. ISMS DEVELOPMENT

- 1.1 Does the contract currently contain a set of applicable safety requirements (e.g., DOE orders, regulations, and statutes)?

DOE-ID Response 1.1: Yes. DOE-ID established the "List" of contract applicable DOE Directives by letter as indicated in the DEAR clause "Laws regulations and DOE directives" (formerly clause H.18) of the INEEL prime contract. The contract clause states, in essence, that the contractor shall comply with all applicable DOE Orders as directed by the Contracting Officer. The basis for the initial H.18 list was DOE Acquisition Letter No. 93-8, dated August 17, 1993. The February 1998 H.18 list is the basis for the initial "List B", which lists all the applicable directives. At the current time, a specific list of Applicable Laws ("List A") has not been prepared. The absence of a "List A" does not excuse the contractor from compliance with applicable laws and regulations.

The "List B" will be maintained and modified based on the processes identified in ID Notice 251.1B, "ID Directives System." This ID Notice establishes the objectives of the system and the basic processes for local Directive development and application of DOE Directives to the contract. Specific requirements include a formal integrated safety review within DOE to ensure technical review and consideration of operational, cost and environment, safety, and health impacts prior to initial incorporation of a new DOE Directive in the H.18 List. In addition, LMITCO review and comment is initiated at the earliest stage to allow for implementation impacts to be surfaced. Negotiations occur to ensure efficient and effective transition to new requirements.

LMITCO maintains a set of contractor manuals of practice, which further define standards and requirements for the conduct of work under the contract. In 1996, LMITCO completed consolidation of the company manuals that were in effect prior to October 1994 when they assumed the INEEL contract. The consolidated company manuals were prepared in a process that included subject matter expert and worker participation. The Contractor's manuals of practice are subject to DOE review when Safety Analysis Reports (SAR) and Technical Specification Requirements (TSR) documents are reviewed and approved. However, DOE approval of these manuals of practice is not required.

- 1.2 Have the requirements of the DEAR Clause been incorporated into the contract?

DOE-ID Response 1.2: Yes. The requirements of the DEAR Clauses 970.5204-2 "Integration of Environment, Safety, and Health into Work Planning and Execution" and 970-5204-78 "Laws, Regulations, and DOE Directives" were incorporated into the INEEL prime contract in February 1998.

- 1.3 Has the DOE Contract Officer provided guidance to the contractor on the preparation and content of the ISMS description?

DOE-ID Response 1.3: Yes. The DOE Contracting Officer provided formal supplemental guidance to the contractor on the preparation and content of the ISMS description in a letter dated April 2, 1998.

- 1.4 Does the contract have an outline/plan for its ultimate institutional ISMS structure?

DOE-ID Response 1.4: Yes. An outline/plan for the ultimate institutional ISMS structure was established in the Contracting Officer guidance letter referred to in Response 1.3, and consistent with DOE guidance on the preparation of a safety management system description. The ISMS description will reflect the INEEL approach to the integration of the complementary initiatives which comprise the INEEL's safety management strategy, and which support the quest for operational excellence.

- 1.5 Has the DOE Contracting Officer established a date for the contractor to submit the ISMS description?

DOE-ID Response 1.5: Yes.

- 1.5.1 What is the established date?

DOE-ID Response 1.5.1: August 1998.

- 1.5.2 Has the contractor submitted the ISMS description?

DOE-ID Response 1.5.2: No, see response to 1.5.1.

- 1.6 Does the contractor have an approved requirements/standards set (e.g., List A/List B, S/RID, and WSS)?

DOE-ID Response 1.6: Yes. The INEEL has continued to use the DOE accepted practice of flow down of order requirements. Currently, DOE-ID establishes the "List B" of contract applicable DOE directives by letter as indicated by DEAR clause "Laws, Regulations, and DOE directives" (formerly clause H.18) of the INEEL prime contract. As discussed in the response to question 1.1, LMITCO maintains a set of contractor manuals of practice, which further define standards and requirements for the conduct of work under the contract. DOE approval of these manuals of practice is not required. Each work area has requirements and standards that have been implemented by procedure and which are derived from the "H.18 (List B)" requirements. It is anticipated that the process for controlling company manuals of practice, and the use of sets of requirements derived through subsequent use of the Work Smart Standards process will be discussed in

the ISMS description. INEEL is currently evaluating the results, and preparing a report on its first application of the Work Smart Standards process in the area of explosives safety.

1.7 Does the approved requirements/standards set address all stages of the life cycle?

DOE-ID Response 1.7: A comprehensive, site-wide, systems approach to identifying and tailoring "life-cycle" requirements has been applied at the INEEL. Consistent with longer term planning (e.g. "2006 Plan") and budget formulation, tailored sets of requirements are affirmed for specific life-cycle activities consistent with project planning. New projects also address facility life-cycle requirements in contracts. The DOE-ID administered contract for the Advanced Mixed Waste Treatment Project is an example of this approach.

1.7.1 Design/construction

1.7.2 Startup

1.7.3 Operations

1.7.4 D&D

1.8 Has the approved requirements/standards set been promulgated via a system of institutional implementing procedures (e.g., manuals of practice, essential standards - in other words, the ISMS or equivalent safety management program), or via facility/scope of work-specific procedures?

DOE-ID Response 1.8: Yes. A site-wide set of Company manuals of practice and operating procedures meeting the terms and conditions of the contract has been prepared and disseminated throughout the Company. Facility/Scope-of-work specific procedures have also been developed. The system of institutional implementing procedures includes the process for defining the work, identifying the hazards, controlling the hazards, performing the work within the controls, and feedback on the results. This system of institutional implementing procedures, in conjunction with approved safety bases for specific facilities, provides an adequate envelope to protect the workers, the public, and the environment.

1.9 If the requirements/standards set is not institutionally implemented, describe the approach being taken. In particular:

DOE-ID Response 1.9: The requirements/standards set is institutionally implemented, and will be enhanced with development of the ISMS description. Additionally, for the federal employee functions, a Functions, Responsibilities, and Authorities Manual (FRAM) is being compiled. The DOE-ID Level II FRAM will be completed by July 1998. While process and procedures are in place addressing functions and responsibilities, qualification and training, feedback and improvement, and configuration management, they were not developed and implemented in the context of an ISMS description, and are expected to be

enhanced with development of that document. Therefore, specific responses to questions 1.9.1 through 1.9.5 are not provided.

- 1.9.1 Have functions and responsibilities been assigned, as required, for the various components of the ISMS (e.g., work planning and authorization, radiation control, waste management, independent review, etc.)? Describe the organizational structure and key personnel for executing the ISMS.
- 1.9.2 Does the ISMS contain a commitment to ensure adequate qualification and training of individuals with responsibilities for safety management that are called out in the ISMS?
- 1.9.3 Does the ISMS include a feedback and improvement function that measures the effectiveness of all components of the system, and that will result in continual improvement of the implementing procedures, as needed?
- 1.9.4 Are the implementing procedures (institutional, facility/scope of work or other) subject to a configuration management system, to ensure continual compliance with the requirements/ standards set as either the set changes or the implementing procedures evolve?
- 1.9.5 Is there a resource-loaded schedule for full implementation of the described ISMS and are those resources committed?

## 2. ISMS DESCRIPTION, DOE VERIFICATION

DOE-ID Response 2: As noted previously, LMITCO will submit the ISMS description by August 1998. DOE-ID review, approval, and verification will be conducted using Departmental guidance following submittal of the ISMS description. The actions described in questions 2.1 through 2.4 will be completed following submittal of the ISMS description in August 1998.

- 2.1 Has the DOE Contracting Officer established a date and the scope/expectations for the ISMS Phase I Verification Review (Phase I is a term used by DOE to describe verification of ISMS development. Phase II is a term used by DOE to describe verification of ISMS implementation.)?
  - 2.1.1 Describe the approach to be taken.
- 2.2 Has the DOE Contracting Officer selected a team leader for the ISMS Phase I Verification Review?
  - 2.2.1 If Yes, provide the planned/actual review team membership.

- 2.3 Has the ISMS Phase I Verification Review been conducted?
  - 2.3.1 If Yes, provide a copy of the report.
  - 2.3.2 Have all needed contractor corrective actions been completed and verified by DOE?
- 2.4 Has the DOE Contracting Officer approved the contractor's ISMS documentation, based on the ISMS Phase I Verification Review recommendation, and pending any needed contractor corrective actions?

### 3. ISMS IMPLEMENTATION/EXECUTION

DOE-ID OVERVIEW: DOE-ID implements safety planning processes through the application of DOE Order 5480.22, "Technical Safety Requirements (TSR)", and DOE Order 5480.23, "Nuclear Safety Analysis Reports (SAR)", for nuclear facilities located at the INEEL. The hazard categorization for these facilities is initially determined by the use of DOE-STD-1027-92, "Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports", and the risk is analyzed using the graded approach as described in the standard. DOE Order 5480.22 defines how DOE-ID and the contractor apply the controls that result from the nuclear safety analysis. Nuclear facility SARs and TSRs are approved by DOE-ID except for the Advanced Test Reactor whose SAR and TSR is approved by the Office of Nuclear Energy, Science and Technology.

Facilities that are found to be less than a hazard category III nuclear facility, i.e. non-nuclear, are characterized with the use of DOE Order 5481.1B, "Safety Analysis and Review System", which is implemented by contract and supplemented with DOE-ID Notice 420.A, "Safety Basis Review and Approval Process." DOE-EM-STD-5502-94, "Hazard Baseline Documentation", also provides guidance for the safety planning process for non-nuclear facilities at the INEEL. Hazard classifications for all non-nuclear facilities and SARs, including the associated operational controls for facilities designated as a high or moderate hazard, are approved by DOE-ID.

The following responses and referenced procedures apply to all of the 32 INEEL nuclear facilities and specifically to the facilities listed in Enclosure A, "Priority Facilities and Activities" of the Board letter of December 23, 1997. The referenced procedure list including effective dates is enclosed with this updated response.

- 3.1 Give status for each facility, in terms of the following functions:
  - 3.1.1 Is the scope of hazardous work authorized for each facility formally and explicitly defined?

DOE-ID Response 3.1.1: Yes. The scope of hazardous work authorized at these facilities is defined by DOE-approved safety analysis documents that identifies



specific hazardous processes and designs, also, hazardous work is authorized with specific agreements such as radiation work permits, and safe work permits. The authorization basis documents for these facilities are listed in 3.1.2.1 below.

3.1.2 Are the hazards of all work identified and analyzed?

DOE-ID Response 3.1.2: Yes, as listed below, for 3.1.2.1:

3.1.2.1 Via an authorization basis analysis (SAR, BIO, HAP, etc.)?

DOE-ID Response, 3.1.2.1:

(a) Advanced Test Reactor: Operated to the present under SAR (4/65) supplemented by Design Basis Report for PPS and TSs (11/90), TSs (7/93); new Upgraded FSAR and TSRs approved by DOE (4/96) effective 3/98.

(b) CPP-603A Underwater Fuel Storage: BIO approved by DOE-ID (12/94) referencing SAR (ICPP Plant Safety Document Section 4.6) and TSs; SAR Addenda covering fuel packaging and transfer operations for eventual removal of all fuel from underwater storage.

(c) CPP-603B Irradiated Fuel Storage (Dry SNF Storage): BIO approved by DOE-ID (12/94) referencing SAR (ICPP Plant Safety Document Section 4.12) and TSs; SAR/TSR upgrade scheduled for completion in FY-2000.

(d) New Waste Calcining Facility: Upgraded SAR and TSRs (4/97).

(e) CPP-666 Underwater Fuel Storage: BIO approved by DOE-ID (12/94) referencing SAR (ICPP Plant Safety Document Section 5.6 Vol. III) and TSs; SAR/TSR upgrade in progress, scheduled for completion in FY-98.

(f) Radioactive Waste Management Complex: Upgraded SAR and TSRs (5/97).

(g) CPP-651 Unirradiated Fuel Storage Facility: BIO approved by DOE-ID (12/94) referencing SAR (ICPP Plant Safety Document Section 4.8) and TSs; SAR/TSR upgrade in progress, scheduled for completion in FY-98.

3.1.2.2 Via day-to-day work planning analysis (job hazard analysis, work permits, radiation work control permits, etc.).

DOE-ID Response, 3.1.2.2: Yes, in accordance with M&O contractor procedures. Additionally, LMITCO is implementing a site-wide program

of Enhanced Work Planning to assure a formal process is in place to verify, prior to the start of specific work, that all hazards have been identified and that controls are in place. Reference LMITCO Company Manuals; Manual 6-Facilities and Maintenance, Manual 8-Environmental Management, Manual 9-Operations, Manual 10A and 10B-Engineering and Research, Manual 12-Training and Qualification, and Manual 13-Quality and Requirements Management, Manual 14A-Safety and Health-General and Industrial Safety, Manual 14B-Industrial Hygiene and Fire Protection, Manual 15-Radiation Protection, and Manual 16-Emergency Preparedness.

3.1.3 Are controls developed to address the hazards identified that ensure protection of the public, workers, and the environment?

3.1.3.1 Design controls?

DOE-ID Response, 3.1.3.1: Yes. These controls form an important part of the basis of each facility SAR. They include, for example, designs for confinement and/or containment of radioactive and other hazardous materials, geometry or mass control of fissile materials, prevention of explosion/fire, effluent monitors, and workplace air monitors.

Additionally, these controls may include designs for monitoring safety such as stack monitors, CAMs, personnel monitoring stations, etc. These controls are analyzed in the facility SAR or BIO as listed in 3.1.2 above. The configuration management of the design controls is maintained via the unreviewed safety question process for all INEEL nuclear facilities.

Reference LMITCO Company Manuals; Manual 10A and 10B-Engineering and Research. These procedures include Engineering Analysis, Configuration Management, Engineering Design, Unreviewed Safety Questions, Nuclear Safety Analysis, and Technical Safety Requirements.

3.1.3.2 Administrative controls?

DOE-ID Response, 3.1.3.2: Yes. Administrative controls are used when it is not possible or practical to use other more positive controls, and to ensure operability and effectiveness of active safety systems. These also include criticality prevention controls and institutional safety program commitments. These controls are maintained in the facility Technical Safety Requirements or Technical Specification documents as listed in 3.1.2 above and are implemented through LMITCO procedures.

Reference LMITCO Company Manual, Manual 10B-Engineering and Research. These procedures include Nuclear Safety Analysis, Technical Safety Requirements, and Unreviewed Safety Questions.

3.1.3.3 Personnel training?

DOE-ID Response, 3.1.3.3: Yes. Extensive personnel training is required and provided to assure the safety of the processes and to protect the workers, public and environment. Specific training is provided for the in-facility workers as well as for those that work at the facilities less frequently. General training is provided to all employees regardless of work location and responsibility (e.g., emergency preparedness). These commitments are made in the facility authorization basis documents as listed in 3.1.2 above. Reference LMITCO Company Manual, Manual 12-Training and Qualification.

3.1.3.4 TSR's, other facility controls, operation-specific controls?

DOE-ID Response, 3.1.3.4: Yes. TSRs, Technical Specifications, and Operational Safety Requirements, as well as many other operation-specific controls (from SAR commitments) are used at the above facilities for assuring adequate protection. These facility documents are listed in 3.1.2 above. Reference LMITCO Company Manual 10B-Engineering and Research. These procedures include Technical Safety Requirements.

3.1.3.5 Standard Operating Procedures?

DOE-ID Response, 3.1.3.5: Yes. Standard operating procedures are used at the facilities for all significant work tasks associated with facility operations and maintenance. Reference LMITCO Company Documents; Manual 6-Facilities and Maintenance, Manual 8-Environmental Management, Manual 9-Operations, Manual 10A and 10B-Engineering and Research, Manual 12-Training and Qualification, and Manual 13-Quality and Requirements Management, Manual 14A-Safety and Health-General and Industrial Safety, Manual 14B-Industrial Hygiene and Fire Protection, Manual 15-Radiation Protection, and Emergency Preparedness procedures (Enclosure 2).

3.1.3.6 Other? (Describe)

DOE-ID Response, 3.1.3.6: Other direction (basic worker protection, institutional controls, etc.) is provided in Company manuals for operations, safety, environment, and quality assurance. Reference LMITCO Company Manuals; Manual 6-Facilities and Maintenance, Manual 8-Environmental Management, Manual 9-Operations, Manual 10A and 10B-Engineering and Research, Manual 12-Training and Qualification, and Manual 13-Quality and Requirements Management, Manual 14A-Safety and Health-General and Industrial Safety, Manual

14B-Industrial Hygiene and Fire Protection, Manual 15-Radiation Protection, and Manual 16-Emergency Preparedness.

3.1.4 Are controls implemented at the work level?

DOE-ID Response, 3.1.4: Yes, all controls are implemented at the work level through procedures, training, and design verification. Training of workers is provided to ensure understanding of the controls, and self-assessment activities are employed to ensure controls are in place and in use.

3.1.5 Describe how controls are implemented for each facility/scope of work.

DOE-ID Response, 3.1.5: Controls are implemented through the use of procedures, Conduct of Operations Principles, surveillances, and the USQ process. Reference LMITCO Company Manuals; Manual 6-Facilities and Maintenance, Manual 8-Environmental Management, Manual 9-Operations, Manual 10A and 10B-Engineering and Research, Manual 12-Training and Qualification, and Manual 13-Quality and Requirements Management, Manual 14A-Safety and Health-General and Industrial Safety, Manual 14B-Industrial Hygiene and Fire Protection, Manual 15-Radiation Protection, and Manual 16-Emergency Preparedness.

3.1.5.1 Via TSR implementation and surveillance's?

DOE-ID Response, 3.1.5.1: Yes. The TSR's/ TS's are listed in 3.1.2 above. Formal implementation planning and verification processes are used to ensure proper implementation of TSR requirements, including surveillance requirements. These requirements are listed in each applicable work document. Cross-referencing databases are used to ensure visible linking of TSR's to the implementing procedures. See references in 3.1.5 above.

3.1.5.2 Via execution of implementing procedures (institutional, facility/scope of work, or other, describe)?

DOE-ID Response, 3.1.5.2: Yes, all work documents are reviewed for safety, TSR, environmental, and other controls prior to issue. These are directed by Operations and Maintenance manuals. See references in 3.1.5 above.

3.1.5.3 Via verbatim compliance with work procedures that contain the controls?

DOE-ID Response, 3.1.5.3: Yes. All personnel are trained in verbatim compliance with work procedures, and a questioning approach to ensuring the procedures are correct. See references in 3.1.5 above.

3.1.5.4 Other? (Describe)

DOE-ID Response, 3.1.5.4: Other direction (basic worker protection, institutional controls, etc.) is provided in Company manuals for operations, safety, environment, and quality assurance. See references in 3.1.5 above.

3.1.6 Is readiness for safe operation, within specified controls, including personnel readiness, verified prior to work initiation?

DOE-ID Response 3.1.6: Readiness for safety operations is implemented through the use of Facilities, Maintenance, and Quality Assurance Procedures. Reference LMITCO Company Manuals; Manual 6, Facilities and Maintenance. Manual 13A and 13B, Quality and Requirements Management. These procedures include: Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities.

3.1.6.1 By the operators?

DOE-ID Response, 3.1.6.1: Yes. Operators participate in procedure development, perform walk-throughs of the processes, participate in the Enhanced Work Planning Process, and use procedural checklists to ensure the safe startup of facilities and processes. See references in 3.1.6 above.

3.1.6.2 By a supervisor or other line manager?

DOE-ID Response, 3.1.6.2: Yes. Supervisors and line management ensure readiness for operations through reviews, analysis, design verifications, and assigning competent, trained personnel. Reviews such as Operational Readiness Reviews, Readiness Assessments, Management Readiness Assessments and other internal reviews are performed to assure readiness. See references in 3.1.6 above.

3.1.6.3 By facility personnel?

DOE-ID Response, 3.1.6.3: Yes, operators perform walk throughs of processes and participate in planning using an Enhanced Work Planning process including checklists to ensure the safe startup of a facility or process. Operators also participate in the assessment process and provide

input to the design of new tools and facility modifications. See references 3.1.6 above.

3.1.6.4 By ES&H support personnel?

DOE-ID Response, 3.1.6.4: Yes, ES&H support personnel play an integral part in the Readiness Assessments and ORRs discussed in 3.1.6.2, as well as reviewing operating procedures for correct implementation of hazard controls. See references in 3.1.6 above.

3.1.6.5 By DOE, via formal operational readiness confirmation and/or work authorization protocol?

DOE-ID Response, 3.1.6.5: Yes, DOE oversees the scope of activities discussed in the responses in this section and participates in many of the reviews discussed in the response to 3.1.6.2. DOE-ID facility personnel and subject matter experts, in addition to occasional external support such as available through the Department's Core Technical Group (CTG), participate in operational readiness confirmation. Examples of supporting activities include ongoing operational assessments and surveillances, formal Line Management Assessments in accordance with DOE directive 425.1 "Startup and Restart of Nuclear Facilities," independent Operational Readiness Reviews, and Readiness Assessments to ensure operational readiness prior to startup or restart of operations. See references in 3.1.6 above and reference ID Notice 425.1, Startup and Restart of Nuclear Facilities.

3.1.7 Has an Authorization Agreement or other DOE authorizing protocol been executed?

DOE-ID Response, 3.1.7: Authorization agreements have not yet been completed for INEEL facilities. The present authorizing protocol is through the contract and driven by Order requirements for nuclear facilities. A formal Authorization Agreement for site-wide and nuclear facility activities, consistent with the intent of the recently incorporated DEAR clause "Integration of Environment, Safety, and Health into Work Planning and Execution" is in development. Contractor submittal of a site-wide ISMS description that will document these Authorization Agreements is planned by August 1998.

3.1.8 Is continuing operation periodically monitored to explicitly confirm that specified controls remain in place?

DOE-ID Response, 3.1.8: Yes, examples are provided below.

3.1.8.1 By the operators (check lists, etc.)?

DOE-ID Response, 3.1.8.1: Yes, by use of approved work documents and surveillance data sheets. Reference LMITCO Company Manuals, Manual 6-Facilities and Maintenance, Manual 10-Engineering and Research Manual 13A and 13B-Quality and Requirements Management. These procedures include: Configuration Management, Unreviewed Safety Questions, Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities.

3.1.8.2 By a supervisor or other line manager?

DOE-ID Response, 3.1.8.2: Yes, via the established maintenance, configuration management and unreviewed safety question programs. Reference LMITCO Company Manuals, Manual 6-Facilities and Maintenance, Manual 10-Engineering and Research Manual 13A and 13B-Quality and Requirements Management. These procedures include: Configuration Management, Unreviewed Safety Questions, Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities

3.1.8.3 By facility personnel?

DOE-ID Response, 3.1.8.3: Yes, by the self-assessment program, facility surveillances, and the Voluntary Protection Program (VPP) work activities. Reference LMITCO Company Manuals; Manual 6-Facilities and Maintenance, Manual 13A and 13B-Quality and Requirements Management. These procedures include: Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities. Reference LMITCO Company Manuals, Manual 6-Facilities and Maintenance, Manual 10-Engineering and Research Manual 13A and 13B-Quality and Requirements Management. These procedures include: Configuration Management, Unreviewed Safety Questions, Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities

3.1.8.4 By ES&H support personnel?

DOE-ID Response, 3.1.8.4: Yes, via the self-assessment program and institutional safety oversight surveillances (LMITCO MCP-4). Reference LMITCO Company Manuals, Manual 6-Facilities and Maintenance, Manual 10-Engineering and Research Manual 13A and 13B-Quality and

Requirements Management. These procedures include: Configuration Management, Unreviewed Safety Questions, Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities

3.1.8.5 By DOE, via operational awareness activities?

DOE-ID Response, 3.1.8.5: DOE-ID has assigned Facility Directors, Facility Engineers, and Facility Representatives to provide day-to-day technical monitoring and evaluation of contractor operational performance at all INEEL facilities. This coverage is augmented by technical support from other Division Directors and Subject Matter Experts (SME). A graded approach is used in determining the extent of coverage of facility work and operations, the extent of day-to-day contacts, and raising issues with the contractor. The conduct of DOE-ID oversight of contractor operational activities is governed by ID Notice 450.A1 "ESH&QA Oversight". Reference ID Notice 450.A1. Reference LMITCO Company Manuals, Manual 6-Facilities and Maintenance, Manual 10-Engineering and Research Manual 13A and 13B-Quality and Requirements Management. These procedures include: Configuration Management, Unreviewed Safety Questions, Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities

3.1.9 Are the work definition, hazard analysis (including use of the Unreviewed Safety Question (USQ) process), controls development, and controls implementation functions (including the configuration management system for controls) periodically reviewed, and deficiencies/opportunities for improvement identified?

3.1.9.1 By line management?

DOE-ID Response, 3.1.9.1: Yes, Line Management performs assessments of these analysis and planning functions, to ensure the effectiveness, efficiency, and timeliness of these efforts. Facility managers are responsible for assuring that only trained and qualified support personnel review proposed changes to the facilities, their operating procedures, and new information for potential impact on the facility safety basis using the USQ process. Additionally, line management performs self-assessments, which include walkthroughs of work areas and interviews of facility personnel. These activities are used to identify deficiencies and improvements for the facilities and for the processes. Reference LMITCO Company Manuals, Manual 6-Facilities and Maintenance, Manual 10-



Engineering and Research Manual 13A and 13B-Quality and Requirements Management. These procedures include: Configuration Management, Unreviewed Safety Questions, Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities

3.1.9.2 By facility personnel?

DOE-ID Response, 3.1.9.2: Yes, facility personnel perform self-assessments of these analysis and planning activities. They are the most knowledgeable personnel on the hazards associated with facility operations, the facility equipment design, and the safety basis. They are best able to ensure continued effectiveness of the safety controls, and perform USQ determinations for proposed changes and discoveries of new information. Additionally, through work processes such as VPP, ALARA and other safety awareness programs, the facility personnel watch for safety issues that may affect them as well as their colleagues. Reference LMITCO Company Manuals, Manual 6-Facilities and Maintenance, Manual 10-Engineering and Research Manual 13A and 13B-Quality and Requirements Management. These procedures include: Configuration Management, Unreviewed Safety Questions, Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities

3.1.9.3 By ES&H support personnel?

DOE-ID Response, 3.1.9.3: Yes, ES&H support personnel perform self-assessments of their roles in these hazard analysis and operational planning functions. In addition, they review safety analyses of the facilities and operations performed by the facility support personnel, to ensure correct understanding of the hazards and appropriateness of the controls. Reference LMITCO Company Manuals, Manual 6-Facilities and Maintenance, Manual 10-Engineering and Research Manual 13A and 13B-Quality and Requirements Management. These procedures include: Configuration Management, Unreviewed Safety Questions, Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities

3.1.9.4 By an independent institutional organization?

DOE-ID Response, 3.1.9.4: Yes. Assessments and appraisals of these programs and procedures are performed by an independent assessment

organization in Quality Assurance, and by independent Corporate review teams. All findings and corrective action plans are tracked through the LMITCO issue management system. Reference LMITCO Company Manuals, Manual 6-Facilities and Maintenance, Manual 10-Engineering and Research Manual 13A and 13B-Quality and Requirements Management. These procedures include: Configuration Management, Unreviewed Safety Questions, Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities

3.1.9.5 By DOE, via functional area reviews and appraisals?

DOE-ID Response, 3.1.9.5: DOE-ID has assigned Facility Directors, Facility Engineers, and Facility Representatives to provide day-to-day technical monitoring and evaluation of contractor operational performance at all INEEL facilities. This coverage is augmented by technical support from other Division Directors and Subject Matter Experts (SME). This site presence helps assure that budgeting for safety, planning for safety, and involvement of line management in identification and resolution of deficiencies are carried out in an effective manner. DOE involvement in the types of activities defined in question 3.1.9 is a matter of routine.

In addition to the ongoing efforts to oversee these activities, periodic formal functional area reviews and appraisals are conducted. In 1997, DOE performed several functional area reviews and appraisals. These reviews included the INEEL safety authorization basis process, the Price Anderson Amendments Act process, fire protection, and the effectiveness of management systems for oversight. The conduct of DOE-ID oversight of contractor operational activities is governed by ID Notice 450.A1 "ESH&QA Oversight". This document also defines requirements for the performance of periodic trending and analysis of issues and contractor performance. Reference LMITCO Company Manuals, Manual 6-Facilities and Maintenance, Manual 10-Engineering and Research Manual 13A and 13B-Quality and Requirements Management. These procedures include: Configuration Management, Unreviewed Safety Questions, Maintenance Work Control, Preventative Maintenance, Predictive Maintenance, Lessons Learned, Issues Management, Process Deficiency Resolution, Startup and Restart of Nuclear Facilities

3.1.10 Are deficiencies/opportunities for improvement systematically tracked and acted upon?

DOE-ID Response, 3.1.10: Yes, identified process deficiencies and corrective action plans, as well as suggestions for improvements are tracked in the LMITCO issue management system and by DOE-ID. Reference ID Notice 450.A1.

#### 4. ISMS IMPLEMENTATION DOE VERIFICATION

- 4.1 Has the DOE Contracting Officer established a date and the scope/expectations for the ISMS Phase 2 Verification Review at the facilities or activities listed in Enclosure A?

DOE-ID Response, 4.1: No. See previous response to 1.9.

- 4.1.1 Describe the approach to be taken, for example, site-wide or for each facility or activity.

DOE-ID Response, 4.1.1: The ISMS approach at the INEEL is envisioned to be a site-wide implementation. The site-wide Authorization Agreement to be defined in the forthcoming INEEL ISMS Description Document (submittal planned by August 1998) will be supplemented where appropriate by existing facility or work specific authorization bases (e.g. SAR's, BIO's, TSR's, Environmental Permits, Regulatory Agreements, etc.).

- 4.2 Has the DOE Contracting Officer selected a team leader for the ISMS Phase 2 Verification Review?

DOE-ID Response, 4.2: No. See previous response to 1.9.

- 4.2.1 If the team leader has been selected, provide the planned/actual review team membership.

DOE-ID Response, 4.2.1: N/A

- 4.3 Has the ISMS Phase 2 Verification Review been conducted?

DOE-ID Response, 4.3: No.

- 4.3.1 If Yes, provide a copy of the report.

- 4.3.2 Have all needed contractor corrective actions been completed?

- 4.4 Has the DOE Contracting Officer determined that the contractor's ISMS is implemented at the facility listed in Enclosure A, based on the ISMS Phase 2

Enclosure 1

Verification Review, and pending any needed contractor fellow workers corrective actions?

DOE-ID Response, 4.4: No Phase 2 Verification Reviews have been conducted at INEEL.

**SEPARATION**

**PAGE**

## Manual 6 - Facilities and Maintenance

## Company-Wide Manuals

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## Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<u>fwd-3</u>	FACILITIES AND MAINTENANCE MANUAL - FOREWORD	1	23-SEP-96	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>gde-50</u>	GUIDE FOR MAINTENANCE PLANNERS	0	01-MAY-98	COMPANYWIDE	THOMAS LEE	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>int-8</u>	CONDUCT OF MAINTENANCE MANUAL - GRADED APPROACH	0	01-JUL-96	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2</u>	OUTAGES	1	14-FEB-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-41</u>	CONDUCTING ASSET PHYSICAL CONDITION ASSESSMENTS	0	09-FEB-98	SITE SERVICES BRANCH	KEN TAYLOR	Manual 6 - Facilities and Maintenance	NO FUNCTIONAL AREA
<u>mcp-151</u>	SUBSURFACE INVESTIGATIONS	2	16-FEB-98	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-158</u>	FACILITIES INFORMATION MANAGEMENT SYSTEM (FIMS)	0	15-MAY-96	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2382</u>	ESTABLISHING AND USING MAINTENANCE PRIORITY	1	12-JAN-98	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2480</u>	TECHNICAL SITE INFORMATION CHANGE ADMINISTRATION	0	21-FEB-96	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2481</u>	BUILDING SPACE OCCUPANCY CHANGE ADMINISTRATION	0	21-FEB-96	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2661</u>	BUILDING EFFICIENCY RATES, SQUARE FOOTAGE PER OCCUPANT AND VANCANCY RATES CHANGE ADMINISTRATION	2	30-MAR-98	INTEGRATED SERVICES	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2795</u>	MASTER EQUIPMENT LIST	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2797</u>	MAINTENANCE CALIBRATION PROGRAM	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2798</u>	MAINTENANCE WORK CONTROL	6	08-MAY-98	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2799</u>	PREVENTATIVE MAINTENANCE	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2800</u>	PREDICTIVE MAINTENANCE	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2801</u>	MAINTENANCE RESOURCE FORECASTING AND SCHEDULING	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE

<u>mcp-2802</u>	MEASUREMENT, ANALYSIS, AND REPORTING OF MAINTENANCE PERFORMANCE	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2803</u>	MAINTENANCE MATERIAL UTILIZATION	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2804</u>	MAINTENANCE TOOL AND EQUIPMENT CONTROL	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2807</u>	WINTERIZATION AND FREEZE PROTECTION	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2860</u>	BUILDING/FACILITY TURNOVER	1	15-MAY-98	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>mcp-2969</u>	LEASING FACILITIES	0	14-NOV-97	COMPANYWIDE	THOMAS P. MORIARTY	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>pdd-20</u>	FACILITIES AND MAINTENANCE MANAGEMENT PROGRAM	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>pln-173</u>	QUALITY CONTROL PLAN NATIONAL BOARD INSPECTION CODE R-STAMP PROGRAM	1	12-JAN-98	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>prd-177</u>	WORK CONTROL	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>prd-178</u>	FACILITIES AND MAINTENANCE	0	01-JAN-97	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE
<u>toc-29</u>	FACILITIES AND MAINTENANCE MANUAL - TABLE OF CONTENTS	16	08-MAY-98	COMPANYWIDE	P. S. YELA	Manual 6 - Facilities and Maintenance	FACILITIES & MAINTENANCE

[top of 6 index](#) | [previous page](#)

## Manual 8 - Environmental Management

### Company-Wide Manuals

#### Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<a href="#">int-9</a>	MANUAL 8 INTRODUCTION	0	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-154</a>	MANAGEMENT OF SPENT LAMPS/TUBES AND BULBS	2	22-AUG-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-155</a>	MANAGEMENT OF BATTERIES	3	22-AUG-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-156</a>	MANAGEMENT OF WASTE AEROSOL CANS AND RESIDUES	4	03-APR-98	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-157</a>	MANAGEMENT OF USED OIL AND OIL FILTERS	4	03-APR-98	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-226</a>	WELL CONSTRUCTION / WELL ABANDONMENT	0	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-227</a>	SAMPLING AND ANALYSIS PROCESS FOR ENVIRONMENTAL MANAGEMENT FUNDED ACTIVITIES	5	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-242</a>	OBTAINING LABORATORY SERVICES FOR ENVIRONMENTAL MANAGEMENT FUNDED ACTIVITIES	4	15-DEC-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-243</a>	ASSESSMENT OF ANALYTICAL LABORATORIES	0	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-244</a>	CHAIN-OF-CUSTODY, SAMPLE HANDLING, AND PACKAGING FOR CERCLA ACTIVITIES	0	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-405</a>	RCRA FINAL PARTIAL PERMIT MODIFICATIONS: ACTIVITIES WITHIN TSD FACILITIES	2	30-OCT-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-406</a>	RCRA PART A PERMIT APPLICATION CHANGES	0	30-OCT-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-407</a>	RCRA PART B PERMIT APPLICATIONS: ACTIVITIES WITHIN TSD FACILITIES	0	30-OCT-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-438</a>	DUE DILIGENCE AUDITS	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">mcp-439</a>	FACILITY NOTIFICATION AND RELEASE REPORTING	2	22-AUG-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT



mcp-440	PESTICIDE MANAGEMENT	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-442	SATELLITE ACCUMULATION AREAS LARGE QUANTITY GENERATORS	4	15-DEC-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-443	TEMPORARY ACCUMULATION AREAS - LARGE QUANTITY GENERATORS	3	09-MAY-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-444	CHARACTERIZATION REQUIREMENTS FOR SOLID AND HAZARDOUS WASTE	6	15-APR-98	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-445	RCRA TRAINING FOR HAZARDOUS WASTE MANAGEMENT	2	09-MAY-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-446	SMALL QUANTITY GENERATOR REQUIREMENTS	3	15-DEC-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-447	CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR REQUIREMENTS	2	22-AUG-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-448	INTERIM STATUS TREATMENT, STORAGE, AND DISPOSAL FACILITIES	2	30-MAR-98	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-449	PERMITTED TREATMENT, STORAGE, AND DISPOSAL FACILITIES	1	01-JAN-96	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-450	RCRA SUBPART S CORRECTIVE ACTION	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-451	GENERATOR TREATMENT PLANS	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-452	TREATABILITY STUDIES	3	15-DEC-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-453	MANAGEMENT OF UNKNOWN MATERIALS	3	13-APR-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-454	LINEEL RECYCLING PROCEDURE	3	28-AUG-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-456	MANAGEMENT OF STORAGE TANKS	2	22-AUG-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-457	EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW SECTIONS 311, 312, AND 313 REPORTING	2	15-DEC-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-458	CROSS-CONNECTION CONTROL	2	22-AUG-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-459	DRINKING WATER SYSTEMS	3	04-MAY-98	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-460	INJECTION WELL MANAGEMENT AND PERMITTING	2	28-AUG-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT

mcp-461	WELL CONSTRUCTION AND PERMITTING	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-462	WETLANDS, FLOODPLAINS AND ACTIVITIES WITHIN WATERS OF THE UNITED STATES	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-464	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NON-STORM WATER AND STORM WATER PERMITS	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-465	WASTEWATER LAND APPLICATION PERMITS AND WASTEWATER SYSTEMS REQUIREMENTS	2	21-OCT-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-466	SEPTIC TANK AND SLUDGE MANAGEMENT	2	30-OCT-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-467	CITY OF IDAHO FALLS INDUSTRIAL PRETREATMENT PROGRAM	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-468	SPILL PREVENTION CONTROL AND COUNTERMEASURES PLANS	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-469	NEPA AND ENVIRONMENTAL PERMITTING	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-472	MANAGEMENT OF SUBSTANCES REGULATED BY TSCA	2	22-AUG-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-475	MATERIAL EXCHANGE MANAGEMENT	2	09-MAY-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-2669	HAZARDOUS MATERIAL SHIPPING	1	30-MAY-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-2670	MOTOR CARRIER OPERATIONS	1	29-OCT-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-2676	SHIPPING GENERAL COMMODITIES	1	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-2677	IMPORT/EXPORT SHIPMENTS OF HARDWARE AND DATA	0	01-JAN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-2864	SAMPLE MANAGEMENT	1	15-DEC-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
mcp-2873	INEEL CHEMICAL MANAGEMENT SYSTEM (ICMS)	0	15-JAN-98	COMPANYWIDE	C. L. TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
pln-400	ENVIRONMENTAL COMPLIANCE AT THE IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY	0	18-MAY-98	COMPANYWIDE	J. A. VANVLIET	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
pol-8	ENVIRONMENTAL	0	03-DEC-97	COMPANYWIDE	WILLIAM J. DENSON	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT

ZERO TOLLERANCE OF

<a href="#">pol-11</a>	ZERO TOLLERANCE OF PREVENTABLE ENVIRONMENTAL VIOLATIONS	0	01-MAY-98	COMPANYWIDE	WILLIAM J. DENSON	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">prd-180</a>	ENVIRONMENTAL MANAGEMENT	1	02-MAR-98	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">prd-197</a>	BOILER SOOT DISPOSAL	0	20-JUN-97	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT
<a href="#">toc-2</a>	ENVIRONMENTAL MANAGEMENT - MANUAL 8 - TABLE OF CONTENTS	28	11-MAY-98	COMPANYWIDE	CARLOS TELLEZ	Manual 8 - Environmental Management	ENVIRONMENTAL MANAGEMENT

[top of 8 index](#) | [previous page](#)

## Manual 9 - Operations

## Company-Wide Manuals

## Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<a href="#">mcp-190</a>	EVENT INVESTIGATION AND OCCURRENCE REPORTING	3	08-APR-98	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-1059</a>	LOCKOUT AND TAGOUT	3	31-JAN-98	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2973</a>	OPERATIONS ORGANIZATION AND ADMINISTRATION	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2974</a>	SHIFT ROUTINES AND OPERATING PRACTICES	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2975</a>	CONTROL ROOM ACTIVITIES	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2976</a>	OPERATIONS COMMUNICATIONS	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2977</a>	CONTROL OF ON SHIFT TRAINING	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2978</a>	CONTROL OF EQUIPMENT AND SYSTEM STATUS	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2979</a>	INDEPENDENT VERIFICATION	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2980</a>	LOGKEEPING	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2981</a>	OPERATIONS TURNOVER	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2982</a>	OPERATIONS ASPECTS OF FACILITY CHEMISTRY AND UNIQUE PROCESSES	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2983</a>	REQUIRED READING	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2984</a>	TIMELY ORDERS TO OPERATORS	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2985</a>	OPERATIONS PROCEDURES	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2986</a>	OPERATOR AIDS	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-2987</a>	EQUIPMENT AND PIPING LABELING	0	30-MAY-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">mcp-3003</a>	PERFORMING PRE-JOB BRIEFINGS AND POST-JOB REVIEWS	2	27-FEB-98	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">pdd-60</a>	CONDUCT OF OPERATIONS	0	12-FEB-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">prd-185</a>	CONDUCT OF OPERATIONS	0	12-FEB-97	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS
<a href="#">toc-46</a>	TABLE OF CONTENTS FOR MANUAL 9 - OPERATIONS	11	08-APR-98	COMPANYWIDE	BRUCE HAMILTON	Manual 9 - Operations	OPERATIONS

[top of 9 index](#) | [previous page](#)

## Manual 10A - Engineering and Research

## Company-Wide Manuals

## Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<a href="#">gde-6</a>	ENGINEERING DESIGN PROCESS GUIDES	0	02-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-53</a>	QUALIFYING REGISTERED PROFESSIONAL ENGINEERS (RPE) FOR ASME SECTION III, DIVISION 1 AND 2 CODE CERTIFYING ACTIVITIES	0	03-APR-98	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-550</a>	SOFTWARE MANAGEMENT	1	17-FEB-97	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2374</a>	ENGINEERING ANALYSIS	1	30-MAY-97	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2377</a>	PREPARING, REVIEWING, AND APPROVING DRAWINGS	2	03-NOV-97	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2810</a>	IDENTIFYING CONFIGURATION CONTROLLED ITEMS	0	06-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2811</a>	ENGINEERING CHANGE CONTROL	2	01-MAY-98	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2875</a>	MAINTAINING LABORATORY NOTEBOOKS	0	01-OCT-96	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">pdd-12</a>	ENGINEERING DESIGN	0	02-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">prd-115</a>	CONFIGURATION MANAGEMENT	0	09-AUG-96	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">prd-181</a>	SYSTEMS ENGINEERING	0	01-OCT-96	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">std-13</a>	CONFIGURATION MANAGEMENT PLANS	0	01-MAY-98	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">std-7006</a>	MARKING METHODS FOR EQUIPMENT, COMPONENTS, AND MATERIALS	4	30-MAY-97	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">std-7027</a>	SPECIFICATIONS AND STATEMENTS OF WORK	1	30-MAY-97	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">toc-7</a>	ENGINEERING AND RESEARCH - MANUAL 10A	12	01-MAY-98	COMPANYWIDE	DEREK G. MOORE	Manual 10A - Engineering and Research	ENGINEERING & RESEARCH

[top of 10a index](#) | [previous page](#)

## Manual 10B - Engineering and Research

### Company-Wide Manuals

#### Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<a href="#">mcp-123</a>	UNREVIEWED SAFETY QUESTIONS	0	16-DEC-96	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-573</a>	ACTIVITIES OF THE NUCLEAR FACILITIES SAFETY COMMITTEES	0	01-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2449</a>	NUCLEAR SAFETY ANALYSIS	0	02-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2450</a>	TECHNICAL SAFETY REQUIREMENTS (TSRS)	1	27-OCT-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2451</a>	SAFETY ANALYSIS FOR NON-NUCLEAR, RADIOLOGICAL, & OTHER INDUSTRIAL FACILITIES	0	02-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2818</a>	ESTABLISHING, MAINTAINING, AND DELETING CRITICALITY CONTROL AREAS	2	30-SEP-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">pdd-22</a>	SAFETY ANALYSIS	0	02-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">prd-112</a>	PROGRAM REQUIREMENTS DOCUMENT FOR CRITICALITY SAFETY PROGRAM REQUIREMENTS MANUAL	1	01-JUN-98	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">prd-113</a>	UNREVIEWED SAFETY QUESTIONS	0	16-DEC-96	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">prd-164</a>	SAFETY ANALYSIS FOR NON-NUCLEAR, RADIOLOGICAL & OTHER INDUSTRIAL FACILITIES	0	02-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">toc-40</a>	ENGINEERING AND RESEARCH - MANUAL #10B	8	09-APR-98	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH

[top of 10b index](#) | [previous page](#)

## Manual 10B - Engineering and Research

## Company-Wide Manuals

## Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<a href="#">mcp-123</a>	UNREVIEWED SAFETY QUESTIONS	0	16-DEC-96	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-573</a>	ACTIVITIES OF THE NUCLEAR FACILITIES SAFETY COMMITTEES	0	01-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2449</a>	NUCLEAR SAFETY ANALYSIS	0	02-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2450</a>	TECHNICAL SAFETY REQUIREMENTS (TSRS)	1	27-OCT-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2451</a>	SAFETY ANALYSIS FOR NON-NUCLEAR, RADIOLOGICAL, & OTHER INDUSTRIAL FACILITIES	0	02-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">mcp-2818</a>	ESTABLISHING, MAINTAINING, AND DELETING CRITICALITY CONTROL AREAS	2	30-SEP-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">pdd-22</a>	SAFETY ANALYSIS	0	02-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">prd-112</a>	PROGRAM REQUIREMENTS DOCUMENT FOR CRITICALITY SAFETY PROGRAM REQUIREMENTS MANUAL	1	01-JUN-98	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">prd-113</a>	UNREVIEWED SAFETY QUESTIONS	0	16-DEC-96	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">prd-164</a>	SAFETY ANALYSIS FOR NON-NUCLEAR, RADIOLOGICAL & OTHER INDUSTRIAL FACILITIES	0	02-JAN-97	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH
<a href="#">toc-40</a>	ENGINEERING AND RESEARCH - MANUAL #10B	8	09-APR-98	COMPANYWIDE	DEREK G. MOORE	Manual 10B - Engineering and Research	ENGINEERING & RESEARCH

[top of 10b index](#) | [previous page](#)

## Manual 12 - Training and Qualification

## Company-Wide Manuals

## Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<u>mcp-26</u>	TRAINING REQUESTS	1	25-AUG-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-27</u>	PREPARATION AND ADMINISTRATION OF INDIVIDUAL TRAINING PLANS	1	22-OCT-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-29</u>	TRAINING STAFF QUALIFICATION	1	09-MAR-98	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-31</u>	ACQUIRING AND EVALUATING VENDOR TRAINING	1	30-JUN-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-32</u>	TRAINING EXCEPTIONS EXEMPTIONS AND EXTENTIONS	0	03-JUN-96	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-33</u>	PERSONNEL QUALIFICATION AND CERTIFICATION	2	23-MAY-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-35</u>	TRAINING NEEDS ANALYSIS	1	25-AUG-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-36</u>	JOB ANALYSIS	1	25-AUG-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-40</u>	DESIGNING JOB SPECIFIC INITIAL AND CONTINUING TRAINING PROGRAMS	0	29-SEP-95	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-42</u>	DESIGNING COURSES	0	29-SEP-95	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-45</u>	EXAMINATION BANKS	1	25-AUG-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-48</u>	INSTRUCTIONAL MATERIAL DEVELOPMENT AND REVISION	1	10-JUL-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-52</u>	ON THE JOB TRAINING MATERIALS DEVELOPMENT	1	25-AUG-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-57</u>	CONDUCT OF TRAINING	1	25-AUG-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-61</u>	CONDUCT OF ON-THE-JOB TRAINING	1	12-FEB-96	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-64</u>	PERFORMANCE EXAMINATIONS	0	03-SEP-96	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<u>mcp-65</u>	WRITTEN EXAMINATIONS	1	25-AUG-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION

Manual 12 -



<a href="#">mcp-66</a>	ORAL EXAMINATIONS	0	03-JUN-96	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">mcp-67</a>	CONDUCT AND CONTROL OF ON-THE-JOB TRAINING EVALUATION	0	29-SEP-95	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">mcp-68</a>	TRAINING PROGRAM EVALUATION	0	29-SEP-95	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">mcp-72</a>	INCORPORATING CHANGE ACTIONS INTO TRAINING	1	30-JUN-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">mcp-73</a>	INCORPORATING LESSONS LEARNED	0	29-SEP-95	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">mcp-74</a>	MONITOR AND ANALYZE PERFORMANCE INDICATORS	0	29-SEP-95	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">mcp-79</a>	INSTRUCTIONAL MATERIALS CONTROL	1	15-SEP-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">mcp-80</a>	ENTERING A COURSE INTO TRAIN	1	17-OCT-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">mcp-82</a>	SCHEDULING OF AND ENROLLING IN SITE-WIDE TECHNICAL TRAINING	0	03-SEP-96	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">mcp-85</a>	TRAINING RECORDS ADMINISTRATION	1	17-OCT-97	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">pdd-13</a>	TRAINING AND QUALIFICATION PROGRAM	0	01-NOV-96	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION
<a href="#">toc-11</a>	TABLE OF CONTENTS FOR TRAINING AND QUALIFICATION - MANUAL 12	17	02-MAR-98	COMPANYWIDE	F. L. GRANT	Manual 12 - Training and Qualification	TRAINING AND QUALIFICATION

[top of 12 index](#) | [previous page](#)

## Manual 13A - Quality and Requirements Management Program Documents

### Company-Wide Manuals

#### Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<a href="#">lst-1</a>	LIST OF FUNCTIONAL AREAS AND FUNCTIONAL AREA MANAGERS	3	28-OCT-97	COMPANYWIDE	JOHN W. CARTER	Manual 13A - Quality and Requirements Management Program Documents	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">lst-16</a>	LMITCO QA PROGRAM DOE/RW-0333P COMPLIANCE MATRIX	1	18-MAY-98	COMPANYWIDE	JOHN W. CARTER	Manual 13A - Quality and Requirements Management Program Documents	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">pdd-1</a>	QUALITY ASSURANCE PROGRAM DESCRIPTION	3	08-MAY-98	COMPANYWIDE	JOHN W. CARTER	Manual 13A - Quality and Requirements Management Program Documents	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">pdd-19</a>	PROGRAM DESCRIPTION DOCUMENT FOR INTEGRATED REQUIREMENTS MANAGEMENT PROGRAM	0	22-DEC-95	COMPANYWIDE	JOHN W. CARTER	Manual 13A - Quality and Requirements Management Program Documents	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">pln-146</a>	IMPLEMENTATION PLAN - 10 CF-830.120 QUALITY ASSURANCE RULE INEL-95/1057	3	14-JUL-97	COMPANYWIDE	JOHN W. CARTER	Manual 13A - Quality and Requirements Management Program Documents	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">pot-5</a>	QUALITY ASSURANCE	1	21-JUL-97	COMPANYWIDE	JOHN W. CARTER	Manual 13A - Quality and Requirements Management Program Documents	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">prd-101</a>	REQUIREMENTS DOCUMENT FOR LOCKHEED MARTIN IDAHO TECHNOLOGIES COMPANY QUALITY ASSURANCE PROGRAM	2	15-APR-98	COMPANYWIDE	JOHN W. CARTER	Manual 13A - Quality and Requirements Management Program Documents	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">toc-22</a>	QUALITY AND REQUIREMENTS MANGEMENT MANUAL - 13A - TABLE OF CONTENTS	16	11-MAY-98	COMPANYWIDE	JOHN W. CARTER	Manual 13A - Quality and Requirements Management Program Documents	QUALITY & REQUIREMENTS MANAGEMENT

[top of 13a index](#) | [previous page](#)

## Manual 13B - Quality and Requirements Management Procedures

### Company-Wide Manuals

#### Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<u>mcp-4</u>	BUSINESS ASSESSMENT	1	15-AUG-97	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<u>mcp-37</u>	CONTROL OF SPECIAL PROCESSES	1	18-MAY-98	COMPANYWIDE	JOHN CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<u>mcp-147</u>	VENDOR ASSESSMENT	3	18-MAY-98	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<u>mcp-192</u>	LESSONS LEARNED	1	23-APR-98	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<u>mcp-348</u>	WASTE MANAGEMENT COMPLIANCE AUDITS	0	01-NOV-96	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<u>mcp-535</u>	INSPECTION AND NDE PERSONNEL CERTIFICATION	6	15-APR-98	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<u>mcp-538</u>	CONTROL OF NONCONFORMING ITEMS	6	20-OCT-97	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<u>mcp-540</u>	GRADED APPROACH & QUALITY LEVEL ASSIGNMENT	4	16-MAR-98	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<u>mcp-555</u>	ISSUES MANAGEMENT ELECTRONIC DATABASE ADMINISTRATION	0	29-MAR-96	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<u>mcp-561</u>	QUALITY PROGRAM PLAN/QUALITY ASSURANCE PROJECT PLAN DEVELOPMENT	3	20-JUN-97	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<u>mcp-598</u>	PROCESS DEFICIENCY RESOLUTION	5	04-AUG-97	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements	QUALITY & REQUIREMENTS

	RESOLUTION				CARTER	Management Procedures	MANAGEMENT
<a href="#">mcp-2391</a>	CALIBRATION PROGRAM	2	23-SEP-97	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">mcp-2392</a>	INDEPENDENT PERFORMANCE ASSESSMENT	1	01-JUL-96	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">mcp-2446</a>	LMITCO NUCLEAR FACILITY LIST CONTROL	3	20-JUN-97	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">mcp-2447</a>	REQUIREMENTS MANAGEMENT	1	18-MAY-98	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">mcp-2482</a>	INSPECTION FOR CONFORMANCE	4	16-JAN-98	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">mcp-2489</a>	SUPPLIER SURVEILLANCE	1	15-APR-98	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">mcp-2547</a>	PRICE ANDERSON DEFICIENCY REPORTING	3	20-JUN-97	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">mcp-2783</a>	STARTUP AND RESTART OF NUCLEAR FACILITIES	1	01-AUG-97	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT
<a href="#">toc-9</a>	QUALITY AND REQUIREMENTS MANAGEMENT MANUAL - 13B - TABLE OF CONTENTS	36	11-MAY-98	COMPANYWIDE	JOHN W. CARTER	Manual 13B - Quality and Requirements Management Procedures	QUALITY & REQUIREMENTS MANAGEMENT

[top of 13b index](#) | [previous page](#)

## Manual 14A - Safety and Health - General and Industrial Safety

### Company-Wide Manuals

#### Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<a href="#">mcp-49</a>	ACCIDENT REPORTING AND FOLLOWUP	0	15-MAR-98	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-553</a>	STOP WORK / SHUT DOWN ACTION	1	01-AUG-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2559</a>	USE OF FIRST AID KITS	0	01-MAR-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2709</a>	AERIAL LIFTS AND ELEVATING WORK PLATFORMS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2710</a>	FALL PROTECTION	0	01-NOV-96	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2711</a>	LADDERS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2712</a>	SCAFFOLDING	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2713</a>	WALKING AND WORKING SURFACES	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2714</a>	SAFETY SIGNS COLOR CODES AND BARRIERS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2716</a>	PERSONAL PROTECTIVE EQUIPMENT	1	26-JAN-98	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2723</a>	REPORTING AND RESOLVING EMPLOYEE SAFETY CONCERNS AND SUGGESTIONS	1	30-SEP-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2725</a>	FIELDWORK AT THE INEEL	0	09-FEB-98	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2727</a>	PERFORMING SAFETY REVIEWS	2	20-APR-98	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2728</a>	COMPRESSED GASES	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2729</a>	CONCRETE AND MASONRY	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2730</a>	DEMOLITION	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">mcp-2731</a>	ELECTRICAL SAFETY	0	01-MAY-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH

mcp-2732	EQUIPMENT SAFETY	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2733	EXCAVATION AND SURFACE PENETRATION	2	06-MAR-98	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2734	EXPLOSIVE SAFETY	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2735	HAND AND PORTABLE POWER TOOLS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2736	CRYOGENIC SYSTEMS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2737	HIGH TEMPERATURE SYSTEM	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2738	MACHINE GUARDING	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2739	MATERIAL HANDLING, STORAGE, AND DISPOSAL	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2741	STRUCTURAL STEEL ERECTION	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2742	TEMPORARY FACILITIES	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2743	MOTOR VEHICLE SAFETY	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2744	POWERED INDUSTRIAL TRUCKS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-2745	HEAVY INDUSTRIAL VEHICLES	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-3000	HOISTING AND RIGGING	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-3447	USING SAFE WORK PERMITS	1	30-MAR-98	COMPANYWIDE	TOM LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-3449	SAFETY AND HEALTH INSPECTIONS	0	31-MAR-98	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
mcp-3450	PERFORMING JOB SAFETY ANALYSIS	0	24-APR-98	COMPANYWIDE	TOM LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
pdd-16	OVERVIEW OF THE LMITCO SAFETY AND HEALTH PROGRAM	3	30-APR-98	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
pol-7	ABILITY TO WORK	0	30-MAR-98	COMPANYWIDE	T. D. LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
prd-5	BOILER AND UNFIRED PRESSURE VESSELS	1	20-DEC-96	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
prd-33	ACCESS TO EMPLOYEE EXPOSURE AND MEDICAL RECORDS	0	30-OCT-95	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH

<a href="#">prd-186</a>	SAFETY AND HEALTH PROTECTION PROGRAM	2	09-FEB-98	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH
<a href="#">toc-48</a>	SAFETY AND HEALTH - GENERAL AND INDUSTRIAL SAFETY MANUAL 14A	17	30-APR-98	COMPANYWIDE	THOMAS LEE	Manual 14A - Safety and Health - General and Industrial Safety	SAFETY AND HEALTH

[top of 14a index](#) | [previous page](#)

## Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection

### Company-Wide Manuals

#### Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<u>mcp-50</u>	CHRONIC BERYLLIUM DISEASE PREVENTION	0	30-MAR-98	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-152</u>	SURVEYING INDOOR AIR QUALITY	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-153</u>	INDUSTRIAL HYGIENE EXPOSURE ASSESSMENT	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-579</u>	FIRE HAZARDS ANALYSIS	2	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-581</u>	FIRE PROTECTION EXEMPTIONS AND EQUIVALENCIES	2	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-582</u>	FIRE PROTECTION DESIGN REVIEWS	2	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-583</u>	FIRE PROTECTION ASSESSMENTS	2	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-584</u>	FLAMMABLE AND COMBUSTIBLE LIQUID STORAGE AND HANDLING	2	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-585</u>	MANAGING FIRE PROTECTION IMPAIRMENTS	2	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-586</u>	INSPECTION TESTING AND MAINTENANCE OF FIRE PROTECTION SYSTEMS AND EQUIPMENT	2	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-2692</u>	ERGONOMICS AND BACK PROTECTION	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-2702</u>	BLOODBORNE PATHOGENS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<u>mcp-2703</u>	CARCINOGENS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH



mcp-2704	HEAT AND COLD STRESS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2706	STORAGE AND CONTROL OF TIME-SENSITIVE CHEMICALS	1	13-MAY-98	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2707	COMPATIBLE CHEMICAL STORAGE	1	13-MAY-98	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2708	MAINTAINING FACILITY CHEMICAL STORAGE LIMITS	1	13-MAY-98	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2715	HAZARD COMMUNICATION	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2717	LASER SAFETY PROGRAM	1	27-APR-98	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2718	WELDING CUTTING AND OTHER HOT WORK	1	01-DEC-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2719	HEARING CONSERVATION PROGRAM	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2720	CONTROLLING AND MONITORING EXPOSURES TO LEAD	1	30-APR-98	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2726	RESPIRATORY PROTECTION	1	01-FEB-98	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2746	HEPA FILTERS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2747	SPECIALIZED VENTILATION	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2748	HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE	1	01-NOV-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2749	CONFINED SPACES	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2750	HANTAVIRUS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
mcp-2859	POSTING ASBESTOS ADVISORY SIGNS	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene	SAFETY AND

	SIGNS				LEE	Industrial Hygiene and Fire Protection	HEALTH
<a href="#">mcp-2862</a>	ASBESTOS MANAGEMENT PROGRAM ADMINISTRATION	0	01-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<a href="#">toc-49</a>	SAFETY AND HEALTH INDUSTRIAL HYGIENE AND FIRE PROTECTION	10	11-MAY-98	COMPANYWIDE	THOMAS LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<a href="#">tpr-5054</a>	HEPA FILTER IN PLACE TESTING	1	10-AUG-96	COMPANYWIDE	J. W. MCNEEL	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH
<a href="#">tpr-5627</a>	INSPECTING MSA CUSTOM 4500 MMR SELF-CONTAINED BREATHING APPARATUS (SCBA)	0	30-MAR-98	COMPANYWIDE	THOMAS D. LEE	Manual 14B - Safety and Health - Industrial Hygiene and Fire Protection	SAFETY AND HEALTH

[top of 14b index](#) | [previous page](#)

## Manual 15A - Radiation Protection INEL Radiological Control

### Company-Wide Manuals

#### Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<a href="#">prd-183</a>	RADIATION PROTECTION - INEL RADIOLOGICAL CONTROL MANUAL	5	16-SEP-96	COMPANYWIDE	T. D. LEE	Manual 15A - Radiation Protection INEL Radiological Control	RADIATION PROTECTION
<a href="#">toc-41</a>	RADIATION PROTECTION - 15A - INEL RADIOLOGICAL CONTROL MANUAL	5	20-SEP-96	COMPANYWIDE	T. D. LEE	Manual 15A - Radiation Protection INEL Radiological Control	RADIATION PROTECTION

[top of 15a index](#) | [previous page](#)

## Manual 15B - Radiation Protection Procedures

## Company-Wide Manuals

## Released Documents

Document	Title	Rev.	Effective	Applicability	Owner	Manual	Functional Area
<u>mcp-1</u>	COUNSELING RISK COMMUNICATION OR DOSE REPORTING AND N REM DOSE CONTROL	2	18-OCT-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-3</u>	TRACKING RADIATION EXPOSURE WITH DOSE CARDS	0	15-APR-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-6</u>	RADIOLOGICAL ENGINEERING DESIGN FILE	1	06-MAY-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-7</u>	RADIOLOGICAL WORK PERMIT	9	03-NOV-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-9</u>	MAINTAINING THE RADIOLOGICAL CONTROL LOGBOOK	4	18-FEB-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-90</u>	USE OF VACUUM CLEANERS AND PORTABLE AIR HANDLING EQUIPMENT IN RADIOLOGICAL AREAS	2	01-MAY-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-91</u>	ALARA PROGRAM AND IMPLEMENTATION	7	06-MAR-98	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-92</u>	RADIOLOGICAL CONTROL OF PERSONNEL ADMINISTERED RADIOPHARMACEUTICALS	0	10-JUN-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-93</u>	HEALTH PHYSICS INSTRUMENTATION	11	15-DEC-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-120</u>	RESPONSE TO AN ACCIDENTAL CRITICALITY	0	31-JUL-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-121</u>	RADIOACTIVE MATERIAL AREAS FOR STORAGE	3	22-DEC-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-124</u>	RESPONSE TO ABNORMAL RADIOLOGICAL SITUATIONS	0	31-AUG-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-125</u>	FIXED NAD INVENTORY INSPECTION	4	27-FEB-98	RADCON SPECIFIC	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION

<u>mcp-354</u>	PLACEMENT OF AIR SAMPLERS AND MONITORS	0	30-NOV-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-356</u>	ROUTINE AIR SAMPLING PROGRAM	3	15-JAN-98	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-357</u>	JOB SPECIFIC AIR SAMPLING MONITORING	5	13-OCT-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-358</u>	CAM ALARM SETPOINTS	0	26-JAN-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-360</u>	NATURALLY OCCURRING RADIOACTIVE MATERIAL	1	29-FEB-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-361</u>	IODINE 131 AIR SAMPLING PROCEDURE	1	20-DEC-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-362</u>	TRITIUM MONITORING	0	15-JUN-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-366</u>	USE OF TEMPORARY SHIELDING	2	25-JUN-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-425</u>	SURVEYS OF MATERIALS FOR UNRESTRICTED RELEASE AND CONTROL OF MOVEMENT OF CONTAMINATED MATERIAL	3	02-DEC-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-432</u>	RADIOLOGICAL PERSONAL PROTECTIVE EQUIPMENT	6	30-APR-98	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-512</u>	EMERGENCY RADIOLOGICAL FACILITY MONITORING	0	30-NOV-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-542</u>	RADIOLOGICAL CONTROL SURVEILLANCE PLAN	2	03-NOV-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-2381</u>	PERSONNEL EXPOSURE QUESTIONNAIRE	0	01-APR-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-2383</u>	AREA DOSIMETERS	2	13-OCT-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>toc-5</u>	RADIATION PROTECTION - MANUAL 15B	54	05-MAY-98	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION

## EMERGENCY PREPAREDNESS DOCUMENTS

Note: EPI's are Emergency Plan Implementing procedures  
MCPs Management Control Procedures (those MCPs with out numbers are in development)

Document Identifier	Title	Revision Number	Scheduled Release	Effective Date	Review Date
<b>Section 1 INITIAL ACTIONS</b>					
EPI-1	CFA Emergency Response Organization Call Out/Activation	0		02/25/98	02/25/99
EPI-2	ICPP Emergency Response Organization Call Out/Activation	0		08/01/97	08/01/98
EPI-3	PBF/WROC Emergency Response Organization Activation	0	04/15/98	05/15/98	05/15/99
EPI-4	RWMC Emergency Response Organization Activation	0	04/15/98	05/15/98	05/15/99
EPI-5	TAN Emergency Response Organization Activation	0	04/15/98	05/15/98	05/15/99
EPI-6	TRA Emergency Response Organization Activation	0	04/15/98	05/15/98	05/15/99
EPI-7	INEEL Emergency Operations Center Activation	0	04/15/98	05/15/98	05/15/99
EPI-8	Event Classification/Emergency Action Levels	1	04/15/98	05/15/98 (05/01/96)	05/15/99
EPI-9	Emergency Event Notifications	2	04/15/98	05/15/98 (07/12/96)	05/15/99
EPI-50 *	Initial Consequence Assessment (EOC)	0			
<b>Section 2 PROTECTIVE ACTIONS</b>					
EPI-10	Determining and Implementing Protective Actions for CFA	0	04/15/98	05/15/98	05/15/99
EPI-11	Determining and Implementing Protective Actions for ICPP	0		09/19/97	09/19/98
EPI-12	Determining and Implementing Protective Actions for PBF/WROC	0	04/15/98	05/15/98	05/15/99
EPI-13	Determining and Implementing Protective Actions for RWMC	0	04/15/98	05/15/98	05/15/99
EPI-14	Determining and Implementing Protective Actions for TAN	0	04/15/98	05/15/98	05/15/99
EPI-15	Determining and Implementing Protective Actions for TRA	0	04/15/98	05/15/98	05/15/99
EPI-16	Determining and Implementing Protective Actions for the INEEL	0			
EPI-17	Relocation of Evacuees	0		02/01/98	02/01/99

## EMERGENCY PREPAREDNESS DOCUMENTS

**Note:** EPI's are Emergency Plan Implementing Procedures  
MCPs are Management Control Procedures

Document Identifier	Title	Revision Number	Scheduled Release	Effective Date	Review Date
<b>Section 1 INITIAL ACTIONS</b>					
EPI-1	CFA Emergency Response Organization Call Out/Activation	0		02/25/98	02/25/99
EPI-2	ICPP Emergency Response Organization Call Out/Activation	0		08/01/97	08/01/98
EPI-3	PBF/WROC Emergency Response Organization Activation	0	04/15/98	05/15/98	05/15/99
EPI-4	RWMC Emergency Response Organization Activation	0	04/15/98	05/15/98	05/15/99
EPI-5	TAN Emergency Response Organization Activation	0	04/15/98	05/15/98	05/15/99
EPI-6	TRA Emergency Response Organization Activation	0	04/15/98	05/15/98	05/15/99
EPI-7	INEEL Emergency Operations Center Activation	0	04/15/98	05/15/98	05/15/99
EPI-8	Event Classification/Emergency Action Levels	1	04/15/98	05/15/98 (05/01/96)	05/15/99
EPI-9	Emergency Event Notifications	2	04/15/98	05/15/98 (07/12/96)	05/15/99
<b>Section 2 PROTECTIVE ACTIONS</b>					
EPI-10	Determining and Implementing Protective Actions for CFA	0	04/15/98	05/15/98	05/15/99
EPI-11	Determining and Implementing Protective Actions for ICPP	0		09/19/97	09/19/98
EPI-12	Determining and Implementing Protective Actions for PBF/WROC	0	04/15/98	05/15/98	05/15/99
EPI-13	Determining and Implementing Protective Actions for RWMC	0	04/15/98	05/15/98	05/15/99
EPI-14	Determining and Implementing Protective Actions for TAN	0	04/15/98	05/15/98	05/15/99
EPI-15	Determining and Implementing Protective Actions for TRA	0	04/15/98	05/15/98	05/15/99
EPI-17	Relocation of Evacuees	0		02/01/98	02/01/99
EPI-19	Request and Control of Evacuation Buses	0	04/15/98	05/15/98	05/15/99

<u>mcp-126</u>	RADIOLOGICAL TRAINING	0	31-JUL-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-127</u>	RADIOLOGICAL CONTROL OF FIELD RADIOGRAPHY OPERATIONS	2	01-SEP-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-136</u>	PLANNED SPECIAL EXPOSURES	0	31-JUL-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-137</u>	RADIOACTIVE SOURCE ACCOUNTABILITY AND CONTROL	3	01-JAN-98	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-138</u>	CONTROL AND REGISTRATION OF RADIATION GENERATING DEVICES	2	01-JUN-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-139</u>	RADIOLOGICAL SURVEYS	5	10-NOV-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-145</u>	RADIATION PROTECTION FOR EMBRYO/FETUS	0	25-JAN-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-148</u>	PERSONNEL DECONTAMINATION	2	10-NOV-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-149</u>	DOSE ASSESSMENT OF NON-UNIFORM SKIN EXPOSURE	0	26-FEB-96	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-187</u>	POSTING RADIOLOGICAL CONTROL AREAS	5	13-OCT-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-188</u>	ISSUANCE OF TLDS AND OBTAINING PERSONNEL DOSE HISTORY	1	08-MAY-98	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-189</u>	MULTIPLE AND EXTREMITY TLD DOSIMETERS	0	31-JUL-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-191</u>	RADIOLOGICAL INTERNAL DOSIMETRY	1	15-JAN-98	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-198</u>	LARGE AREA CONTAINMENTS	2	28-JUL-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-199</u>	TOTAL CONTAINMENT GLOVE BAGS	2	25-JUL-97	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection Procedures	RADIATION PROTECTION
<u>mcp-352</u>	CONDUCTING AIRBORNE HAZARD ANALYSIS	0	01-SEP-95	COMPANYWIDE	THOMAS LEE	Manual 15B - Radiation Protection	RADIATION PROTECTION



## EMERGENCY PREPAREDNESS DOCUMENTS

**Note:** EPI's are Emergency Plan Implementing Procedures  
MCPs are Management Control Procedures

Document Identifier	Title	Revision Number	Scheduled Release	Effective Date	Review Date
<b>Section 7 CONTROL &amp; MITIGATION</b>					
EPI-76	Emergency Exposure Control	1	04/15/98	05/15/98 (05/01/96)	05/15/99
EPI-77	Reentry	1	04/15/98	05/15/98 (05/01/96)	05/15/99
<b>Section 8 TERMINATION AND RECOVERY</b>					
EPI-78	Event Termination	0		09/30/97	09/30/98
EPI-80	Recovery	0		12/20/96	03/30/99
<b>Section 9 CP/ECC/EOC/OPERATIONS</b>					
EPI-81	Emergency Response Organization Logkeeping	0	04/15/98	05/15/98	05/15/99
EPI-82	Emergency Information Management System	1	04/15/98	05/15/98 (05/01/96)	05/15/99
EPI-83	Radio Protocol (Expand/Change to Comm. Protocol)	0		05/01/96	03/30/99
EPI-85 *	CP/ECC Relocation	0		02/01/98	02/01/99

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<b>FSV EPIs</b>					
<i>EOC EPI Manual</i>					
EPI-100	INEEL EOC Response for Fort St. Vrain Events	0		04/22/97	04/22/98
<i>FSV EPI Manual</i>					
EPI-101	Fort St. Vrain Command Post	3		02/09/98	02/09/99
EPI-102	Event Categorization/Classification For Fort St. Vrain	2		02/09/98	02/09/99
EPI-103	Event Notifications For Fort St. Vrain	3		02/09/98	02/09/99
EPI-104	Personnel Emergency Response For Fort St. Vrain	2		02/09/98	02/09/99
EPI-105	Emergency Response Teams For Fort St. Vrain	2		02/09/98	02/09/99
EPI-106	Medical Response For Fort St. Vrain	2		02/09/98	02/09/99
EPI-107	Dose Assessment For Fort St. Vrain	2		02/09/98	02/09/99
EPI-108	Requirements Of Fort St. Vrain Emergency Response Plan	2		02/09/98	02/09/99
EPI-109	Emergency Preparedness Training For Fort St. Vrain	1		02/09/98	02/09/99
EPI-110	Emergency Public Information For Fort St. Vrain	0		(Issued) 04/22/97	04/22/98
<b>Manual 16C EP ADMINISTRATION</b>					
PRD-155	Emergency Management System	1		04/16/97	04/16/98
MCP-2395	Evacuation Planning for Employees With Special Needs	0		02/28/97	02/28/99
MCP-2396	Emergency Preparedness Equipment and Supplies Inventory and Control	0		02/28/97	02/28/98
MCP-2397	INEL Emergency Plan/RCRA Contingency Plan Quick Changes	0		02/28/97	02/28/99
MCP-2399	Emergency Response Organization Checklist Development and Control	0		02/28/97	02/28/99
MCP-2400	Control of Emergency Plans Submitted	0		10/08/97	10/08/98

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	to the NRC				
MCP-2725	Requirements for INEEL Field Work <i>(This document resides in Manual 14A)</i>			02/09/98	02/09/99