



Monticello Nuclear Generating Plant  
2807 W County Road 75  
Monticello, MN 55362

February 25, 2016

L-MT-16-011  
10 CFR 50.54(q)(5)  
10 CFR 72.44(f)

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Monticello Nuclear Generating Plant  
Docket 50-263  
Renewed Facility Operating License No. DPR-22

Changes to the Monticello Nuclear Generating Plant (MNGP) Emergency Plan

Pursuant to 10 CFR 50.54(q)(5) and 10 CFR 72.44(f), Northern States Power Company, a Minnesota corporation, doing business as Xcel Energy, submits a summary of changes to the MNGP Emergency Plan as Enclosure 1. The revisions are provided in Enclosure 2. The Emergency Plan changes have been reviewed and do not result in a reduction in the effectiveness of the Emergency Plan.

Summary of Commitments

There are no new commitments and no revisions to existing commitments in this letter.

Peter A. Gardner  
Site Vice President, Monticello Nuclear Generating Plant  
Northern States Power Company – Minnesota

Enclosures (2)

cc: Emergency Response Coordinator, Region III, USNRC (with Enclosures)  
Resident Inspector, MNGP, USNRC (with Enclosure 1)  
Administrator, Region III, USNRC (w/o Enclosures)  
Chief, Plant Support Branch, Division of Reactor Safety, Region III, USNRC  
(with Enclosure 1)  
Director, Division of Spent Fuel Management, Office of Nuclear Material Safety and  
Safeguards (with Enclosure 1)

## ENCLOSURE 1

### Monticello Nuclear Generating Plant Summary of Changes – 10 CFR 50.54(q)(5)

#### **Description (Executive Summary)**

The ability for several Emergency Response Organization (ERO) positions to complete their annual or biennial requalification training by participating in an Emergency Preparedness (EP) drill or exercise was removed. The ERO positions affected and the items removed from the EP Training Program Description (TPD) are evaluated below.

#### **Change (1)**

##### *Before:*

The ERO positions listed below were allowed to complete all of their annual or biennial requalification training requirements by participation in an EP drill or exercise using either of two Learning Management System (LMS) items.

##### LMS items:

MT-BEP-DRL-001D (Drill Participant)

MT-BEP-DRL-002D (Drill Controller)

##### ERO Positions:

TSC/OSC Communicators

EOF Communicators

Field Team Communicator

Maintenance Supervisor in the OSC

Maintenance craft personnel

Support Group Leader

EOF Coordinator

Security Group Leader

Monitoring Section Leader

Chemistry Section Leader

RP Technician

Field Team Coordinator

Field Team Member

Nuclear Plant Helper

*After:*

The ERO positions listed above will no longer be able to complete requalification requirements by drill participation.

The ERO positions listed above will still have to complete requalification training at the same frequency as before. This will be conducted by the completion of a lesson plan or mentor guide depending on the position.

**Doc ID or (Procedure Number) / Revision Number:** MT-BEP/19

**Document Title:** Monticello EP Training Program Description

**PCR Number:** N/A

**Editorial Basis:** (applies to E-Plan changes only)

**Licensing/Basis Affected:** None

### **Evaluation Determination**

#### **Regulatory Compliance Basis**

The Emergency Plan and TPD continue to meet regulatory requirements and commitments. With this change the TPD continues to meet the requirements of 10CFR 50.47(b)(15) and 10CFR 50, Appendix E.

#### **Emergency Plan Effectiveness Basis**

These changes will ensure that the affected ERO positions complete requalification using training instruments that can precisely control the content and thus ensure all persons receive adequate training. Therefore this change does not constitute a reduction in effectiveness.

## **Change (2)**

### *Before:*

The ERO positions listed below were allowed to complete all of their annual or biennial requalification training requirements by participation in an EP drill or exercise using either of two LMS items.

LMS items:

MT-BEP-EGL-001D (EGL Drill Participant)

MT-BEP-EGL-002D (EGL Drill Controller)

ERO Positions:

Nuclear Engineer

Core Thermal Hydraulic Engineers

TSC and EOF Engineering Staff

Technical Support Supervisor

### *After:*

The ERO positions listed above will no longer be able to complete requalification requirements by drill participation. The ERO positions listed above will still have to complete requalification training at the same frequency as before. This will be conducted by the completion of a lesson plan or mentoring guide.

**Doc ID or (Procedure Number) / Revision Number:** MT-BEP/19

**Document Title:** Monticello EP Training Program Description

**PCR Number:** N/A

**Editorial Basis:** (applies to E-Plan changes only)

**Licensing/Basis Affected:** None

## **Evaluation Determination**

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The Emergency Plan and TPD continue to meet regulatory requirements and commitments. With this change the TPD continues to meet the requirements of 10CFR 50.47(b)(15) and 10CFR 50, Appendix E.

### **Emergency Plan Effectiveness Basis**

These changes will ensure that the affected ERO positions complete requalification using training instruments that can precisely control the content and thus ensure all persons receive adequate training. Therefore this change does not constitute a reduction in effectiveness.

### **Change (3)**

#### *Before:*

The ERO position listed below was allowed to complete all of their annual requalification training requirements by participation in an EP drill or exercise using any of four LMS items.

LMS items:

MT-BEP-OCC-001D (OSC Coordinator/ Maintenance Group Leader Drill Participant),  
MT-BEP-OCC-002D (OSC Coordinator/ Maintenance Group Leader Controller),  
MT-BEP-OCC-003D (This item no longer exists in LMS),  
MT-BEP-OCC-004D (OSC Coordinator/ Maintenance Group Leader Participant meaningful event)

ERO Position:

Maintenance Group Leader

#### *After:*

The ERO position listed above will still have to complete requalification training at the same frequency as before. This will be conducted by the completion of a lesson plan.

**Doc ID or (Procedure Number) / Revision Number:** MT-BEP/19

**Document Title:** Monticello EP Training Program Description

**PCR Number:** N/A

**Editorial Basis:** (applies to E-Plan changes only)

**Licensing/Basis Affected:** None

### **Evaluation Determination**

#### **Regulatory Compliance Basis**

The Emergency Plan and TPD continue to meet regulatory requirements and commitments. With this change the TPD continues to meet the requirements of 10CFR 50.47(b)(15) and 10CFR 50, Appendix E.

#### **Emergency Plan Effectiveness Basis**

These changes will ensure that the affected ERO positions complete requalification using training instruments that can precisely control the content and thus ensure all persons receive adequate training. Therefore this change does not constitute a reduction in effectiveness.

**ENCLOSURE 2**

**Monticello Nuclear Generating Plant  
Revised Emergency Plan Documents**

Emergency Preparedness Training Program Description, Revision 19 (55 pages)



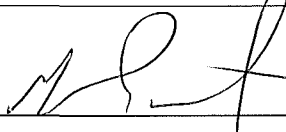


TRAINING PROGRAM DESCRIPTION

# MONTICELLO EMERGENCY PLAN MT-BEP

## Training Program Description

Revision 19

10CFR50.54q review(s) for this revision MT-2016-412

Prepared By:		Date:	<u>1/26/16</u>
Reviewed By:	 Training Supervisor	Date:	<u>1-28-16</u>
Approved By:	 Training Program Owner	Date:	<u>1-28-16</u>

Retention: Life of Plant

Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**

MT-BEP (Emergency Plan Training Program Description) Rev. 19

**1.0 PURPOSE**

- 1.1 The purpose of the Emergency Plan training program description is to establish the requirements for initial and continuing training. Training provides participants with the knowledge and skills needed to perform their job assignments, provides them with knowledge regarding the unique safety challenges that arise during emergency events, and helps them become proficient in their roles. The qualification part of the program provides a level of assurance that individuals have the capabilities needed to perform various emergency response job assignments. The training part of the program described in these guidelines includes orientation, position-specific training, and continuing training.
- 1.2 The program is designed to train ERO personnel to provide a coordinated ERO response during an emergency condition in order to maintain the health and safety of the general public and Monticello site personnel.

**2.0 DEFINITIONS****2.1 ERO**

- 2.1.1 All Monticello employees are responsible for event mitigation during emergency complying with EPLAN and associated Emergency Planning Implementing Procedures (EPIPs).

**2.2 Key ERO Personnel**

- 2.2.1 Personnel that perform significant functions during event. Significant functions affect NRC Performance Indicators and include Command and Control, Emergency Action Level Classifications, Dose Assessment, Protective Action Recommendations, and Notifications. Key ERO Positions that have an impact on NRC Performance Indicators:

- 2.2.1.1 Emergency Director
- 2.2.1.2 Emergency Manager/Recovery Manager
- 2.2.1.3 Shift Manager – Control Room Supervisor
- 2.2.1.4 Radiological Emergency Coordinator
- 2.2.1.5 Radiation Protection Support Supervisor
- 2.2.1.6 Shift Emergency Communicators
- 2.2.1.7 Engineering Group Leader
- 2.2.1.8 OSC Coordinator

**2.3 Annual**

- 2.3.1 Annual is within a calendar year.



### Training Program Description

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#### 2.4 Biennial

2.4.1 Biennial is time to encompass two calendar years.

#### 2.5 Drill

2.5.1 A supervised event conducted in a work environment for the purpose of developing and maintaining skills required for coping with plant normal, abnormal, and emergency conditions. A drill may include an evaluation and/or practice. Coaching and training are allowed as long as it does NOT affect DEP.

#### 2.6 Exercise

2.6.1 A supervised event conducted in a work environment for the purpose of evaluating skills required for coping with plant normal, abnormal, and emergency conditions. Coaching and training is NOT allowed during exercises.

#### 2.7 Table Top Drill

2.7.1 A structured session where individuals systematically talk through their ERO tasks usually in the order performed. Procedures should be followed and applicable forms should be completed based upon scenario requirements.

#### 2.8 Mentor

2.8.1 Designated by site management and qualified per FP-T-SAT-41 (OJT/TPE/Mentoring).

### 3.0 REQUIREMENTS

#### 3.1 ERO Qualifications

The goal is to have several people qualified to fill each position

3.1.1 Some positions are filled based on organizational chart. ERO curricula are added to LMS as per LMS job position, EP Steering Committee assignments and/or org chart placement.

3.1.2 Learning Management System (LMS) tracks ERO qualification status.

#### 3.2 Eligibility Requirements (Prerequisites)

3.2.1 EP Steering Committee or designee selects candidates for Emergency Response Organization positions.

3.2.2 Pre-requisites are listed in attachments for each specific position.

**Training Program Description**

MT-BEP (Emergency Plan Training Program Description) Rev. 19

**3.3 Initial Training**

3.3.1 The goal of initial training is to qualify ERO members to satisfactorily perform their assigned ERO position in order to protect the health and safety of the public during an emergency event.

3.3.2 Overview training for Emergency Plan Training is covered in the Orientation (MT-BEP-ORT-001F) computer based training module for all individuals that hold ERO positions.

3.3.2.1 Orientation covers following topics:

- purpose of the emergency plan and the ERO
- ERO description and hierarchy
- emergency action level awareness
- facility activation
- transfer of duties during an emergency
- termination/recovery
- classification and notification activities
- assembly, accountability, and evacuation
- radiological consequences
- differences from normal plant processes such as emergency work control versus standard work control
- emergency-response-related equipment
- federal, state, and county emergency response
- protective action recommendations and protective action for on-site personnel
- emergency response facilities overview
- plant data system operation
- ERO administration (status boards, turnover/relief, briefings, and critiques)
- ERO expectations

3.3.2.2 EP staff will periodically review Orientation content.

**Training Program Description**

## MT-BEP (Emergency Plan Training Program Description) Rev. 19

- 3.3.3 Homeland Security Presidential Directive (HSPD)-5, Management of Domestic Incidents, directed the development and administration of the National Incident Management System (NIMS). Originally issued on March 1, 2004, by the Department of Homeland Security (DHS), NIMS provides a consistent nationwide template to enable Federal, State, tribal, and local governments, nongovernmental organizations (NGOs), and private sector to work together to prevent, protect against, respond to, recover from, and mitigate the effects of incidents, regardless of cause, size, location, or complexity.
- 3.3.3.1 Xcel Energy is private sector which may request assistance from governmental agencies. To accomplish that we follow Federal Emergency Management Agency's (FEMA) Emergency Management Institute's directions for lessons. This is covered by lesson plan MT-BEP-NIM-001L.
- 3.3.4 Initial Training for Operations Personnel
- 3.3.4.1 Initial training for Operations personnel is covered by Operations Initial Training program MT-ILT and M-8400.
- 3.3.5 Initial qualification will be granted upon completion of the following:
- 3.3.5.1 Completion of applicable training requirements as outlined in attachments for specific positions after completing required training items in Attachment for specific ERO position.
- 3.3.5.2 Due to large number of Emergency Plan Implementing Procedures (EPIPs) that are part of some ERO position initial training requirements the following is recommended: Provide persons who will be attending initial training a list of Lesson Plans and EPIPs prior to training. Encourage participants to pre-read the EPIPs to facilitate better learning during class.
- 3.3.5.3 Completion of a position specific performance evaluation or mentoring guide as applicable for ERO personnel.
- 3.3.5.4 Qualifications of ERO personnel are based on satisfactory evaluation of applicable knowledge and skills. Evaluation methods should reflect the performance requirements of the positions and may include written exams, mentoring guides, exercises, activities, oral boards, and individual task performance evaluations.
- 3.3.5.5 Qualifications for each job performance requirement are documented.

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Retention: Life of Plant.

Retain in: Program File

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### Training Program Description

MT-BEP (Emergency Plan Training Program Description) Rev. 19

- 3.3.5.6 ERO assignment is based on qualification status.
- 3.3.6 Table Top Drills:
  - 3.3.6.1 Table Top Drills may be scheduled as needed for training and qualification purposes.
  - 3.3.6.2 If scheduled, ERO responders will be notified if requested to participate.
- 3.3.7 Training for Hospital ER staff and Ambulance crews is controlled by FG-EP-WI-28, Hospital Emergency Room Staff and Ambulance Crew Training. Training for local fire department is controlled by 4 AWI-08.01.01, Fire Prevention Practices.
- 3.4 Exemptions
  - 3.4.1 Exemptions granted for equivalent training or demonstrated job knowledge **SHALL** be completed in accordance with FP-T-SAT-40 (Implementation Phase) and completion of QF-1040-03 (Exemption and Equivalent Qualification Process Form).
  - 3.4.2 Qualification may be granted using the equivalent qualification process as described in FP-T-SAT-41 (OJT/TPE/Mentoring) and completion of QF-1040-03 (Exemption And Equivalent Qualification Process Form).
- 3.5 Continuing/Requalification Training
  - 3.5.1 Continuing training in technical and administrative topics maintains and improves ERO personnel job performance and develops a broad scope and depth of position-specific knowledge and skills. In addition, continuing training keeps emergency response personnel current with respect to procedure changes, operating experience, and technical advances associated with their job functions.
    - 3.5.1.1 Continuing training items are identified in position specific Attachments.
    - 3.5.1.2 Continuing training should be based on performance and need, rather than a specific number of training hours.
  - 3.5.2 Continuing training is periodically provided.
    - 3.5.2.1 EP Curricula Review Committee (CRC) will identify training needs, the target audience, the training environment and periodicity.
    - 3.5.2.2 Topics selected for continuing training are reviewed for inclusion in the initial training program.

### Training Program Description

MT-BEP (Emergency Plan Training Program Description) Rev. 19

- 3.5.2.3 Generic training may be substituted for position-specific continuing training when it is appropriate for efficiency and remains relevant for all ERO personnel.
- 3.5.3 EP instructor will review FEMA's NIMS 5 year training plan (National Integration Center, Incident Management Systems Integration Division) on a yearly basis to evaluate:
  - 3.5.3.1 New courses
  - 3.5.3.2 Revised courses
  - 3.5.3.3 Changes to qualification requirement
- 3.5.4 EP Curriculum Review Committee (CRC) will be conducted per FP-T-SAT-60 (SAT Overview).
- 3.6 Standards
  - 3.6.1 The ERO training program is managed per the Fleet SAT Procedures with a graded approach used as provided for by INPO 09-006.
  - 3.6.2 Satisfactory completion of written examinations is demonstrated by a passing grade of 80% or greater or per vendor's standard. Example: FEMA may allow 70% as passing.
  - 3.6.3 Risk Significant Planning Standard tasks (i.e. classifications, notifications, protective action recommendations) must be 100% accurate and timely.
- 3.7 Remediation
  - 3.7.1 Qualification revocation and remediation training will be handled as follows:
    - 3.7.1.1 No remediation documentation is required after the first failure of a knowledge evaluation that is taken with the Learning Management System. The first failure of a knowledge evaluation will result in trainee remediation prior to taking a second evaluation through reviewing the missed exam questions and/or having access to review the applicable section or the entire CBT. After the second failure of the same material, remediation documentation **SHALL** be completed in accordance with Xcel Energy Nuclear training procedure, FP-T-SAT-40 (Implementation Phase) and completion of QF-1040-04 (Remediation Training Form) for second and any subsequent consecutive knowledge evaluation failures.

**Training Program Description**

MT-BEP (Emergency Plan Training Program Description) Rev. 19

- 3.7.1.2 For non-CBT failures, remediation documentation **SHALL** be completed in accordance with Xcel Energy Nuclear training procedure, FP-T-SAT-40 (Implementation Phase) and completion of QF-1040-04 (Remediation Training Form)
- 3.7.2 ERO members who fail to successfully complete drill/exercise risk significant planning standard tasks (i.e., classification, notification, and protective action recommendations) will be addressed per FG-EP-WI-14 (Emergency Preparedness Drill and Exercise Manual).
- 3.8 ERO Subject Matter Experts (SME) (CAP01294663)
  - 3.8.1 Purpose
    - 3.8.1.1 Persons (by ERO position) are being designated as ERO SMEs to perform the following:
      - 3.8.1.1.1 Add additional persons to the EP CRC (explained below) to allow the CRC to make better decisions pertinent to the whole ERO.
      - 3.8.1.1.2 Set and maintain performance expectations and standards for the facilities/groups.
      - 3.8.1.1.3 Ensure practice opportunities and training are provided for their assigned facility/group that will strengthen identified weak areas.
    - 3.8.2 Additional CRC membership
      - 3.8.2.1 FP-T-SAT-60 (SAT Overview) requires that at least one job incumbent is required to meet quorum for a CRC. Due to the large number of positions in the ERO that are covered by this training program it was determined that a more effective CRC could be conducted if more ERO positions were represented at the CRC.
      - 3.8.2.2 The additional CRC attendees will be the ERO SMEs as listed below.
      - 3.8.2.3 The ERO SMEs are designated by the appropriate manager and the EP Manager.
      - 3.8.2.4 To meet minimum quorum the chair, training representative and at least three incumbents must be present at the CRC.

**Training Program Description**

MT-BEP (Emergency Plan Training Program Description) Rev. 19

**3.8.3 ERO SMEs**

- 3.8.3.1 TSC – Emergency Director
- 3.8.3.2 EOF – Emergency Manager
- 3.8.3.3 OSC Coordinator
- 3.8.3.4 Engineering
- 3.8.3.5 Communications
- 3.8.3.6 Radiation Protection
- 3.8.3.7 Security

**4.0 RECORDS**

- 4.1 Training and qualification records **SHALL** be collected and maintained in accordance with the applicable NSPM training procedures.

**5.0 REFERENCES**

- 5.1 10CFR50 Section 47 Emergency Plans
- 5.2 10CFR50 Appendix E Emergency Planning and Preparedness for Production and Utilization Facilities
- 5.3 NUREG 0654 Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants
- 5.4 Monticello Emergency Plan
- 5.5 Monticello Emergency Plan Implementing Procedures
- 5.6 Monticello Severe Accident Management Guidelines
- 5.7 FG-EP-WI-14, Emergency Preparedness Drill and Exercise Manual
- 5.8 Fleet Training Procedures
- 5.9 INPO 09-006, Guidelines for Training and Qualification of Emergency Response Organization Personnel
- 5.10 NEI 99-02 appropriate FAQ's regarding Drill and Exercise Participation (DEP) and participation requirements
- 5.11 CR-02010171 (participation/evaluation in a drill, tabletop, or exercise may meet qualification requirements.)

**6.0 ATTACHMENTS**

- 6.1 Attachment A, Emergency Director (ED) SRO (OPS SRO), Operations Group Leader (OGL), and Non-SRO Operations Training (Key ERO: OPS SRO and OGL)

### Training Program Description

MT-BEP (Emergency Plan Training Program Description) Rev. 19

- 6.2 Attachment B, Shift Emergency (SEC), TSC/OSC (OEC), EOF (EEC), Field Team (FTCOMM) Emergency Communicator Training (Key ERO: SEC)
- 6.3 Attachment C, Emergency Director and Emergency Manager Training (Key ERO: ED & EMR)
- 6.4 Attachment D, Radiological Emergency Coordinator and Radiation Protection Support Supervisor Training (Key ERO: REC & RPSS)
- 6.5 Attachment E, Engineering Group Leader (EGL), Engineering Coordinator (EGL-EC), Technical Support Supervisor (TSS), Engineering Group (EGL-EG), and (EGL-NE) Nuclear Engineer (Key ERO: EGL)
- 6.6 Attachment F, Operations Support Center (OSC) Coordinator (OCC), Maintenance Group Leader (MGL), Maintenance Supervisor in the OSC (MSO) and Maintenance (ELC, ICC, MEC) Training (Key ERO: OCC)
- 6.7 Attachment G, Support Group Leader (SGL), EOF Coordinator (EFC), and Security Group Leader/Security Coordinator (SGC) Training, Support Group (SGL-SG)
- 6.8 Attachment H, Monitoring Section Leader (MSL), Chemistry Section Leader (CSL), Chemist (CHE), and MIDAS (MDP) Training
- 6.9 Attachment I, Radiation Protection Coordinator/Radiation Protection (RPC), Field Team Coordinator (FTCOORD), Field Team (FTM), and Nuclear Plant Helper (NPH) Training
- 6.10 Attachment J, Emergency Action Level (EAL) and Severe Accident Management Guidelines (SAM) Training
- 6.11 Attachment K, Fire Brigade Leader/Fire Brigade and Respirator /SCBA Training
- 6.12 Attachment L, LMS Qualification reports for ERO positions
- 6.13 Attachment M, ERO qualification matrix

## 7.0 PROGRAM REVISION RECORD

- 7.1 Removed MT-BEP-CTQ as curricula, retaining items for use as needed.
- 7.2 Added ERO qualifications under requirements to match A.2-001 (Emergency Organization).
- 7.3 Updated to reflect INPO 09-006 Guidelines for Training and qualification of Emergency Response Organization Personnel
- 7.4 Updated to reflect INPO 09-006 Guidelines for Training and qualification of Emergency Response Organization Personnel. Added new mentoring guide and curricula for Core Thermal Hydraulics.



**Training Program Description**

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- 7.5 Incorporated update log for CSL position. Added new headers to each attachment. Corrected typos from previous revision. Removed information that is contained in other referenced documents.
- 7.6 Redefined the retraining requirements for the following positions: SEC, ED, EM, REC, RPSS, SGL. Added task numbers to task tables. Deleted old Lesson Plan cross-reference table.
- 7.7 Removed KPI information from position specific attachments. Removed RWT curricula from all qualifications except for support group (MT-BEP-SGL-SG).
- 7.8 Added drill participation to SEC Requal items. Removed remaining line items of KPI information from Initial Training requirements. Added 2 sections to Attachment I to allow sub-dividing of RP qualifications. Incorporated update log changes from Rev 7.
- 7.9 Revised listings relating to NIMS training for Ops Group Leaders, EMs and EDs.
- 7.10 Added materials to Attachment F for the Maintenance Supervisor in the OSC position (TRR01298009)
- 7.11 Changed requalification requirements for SECs to allow the completion of training materials only and NOT just the participation in a drill.
- 7.12 Changed the listed curricula for SROs in OGL qualification from MT-OPS-PSRO to MT-OPS-SRO. This will allow persons with an SRO license that is NOT active to complete OGL qualifications.
- 7.13 Added qualification requirements for the ERO Radwaste Operator Attachment A. Added a task to the initial qualification listing for the in plant RPT tech position in Attachment I. Added continuing training explanation for all of the RP positions listed in Attachment I.
- 7.14 Deleted reference to LMS drill codes that are no longer used. Deleted task listing tables. Corrected electrical safety lesson plan LMS reference. Incorporated update log. Deleted references to maintenance and engineer curricula that DO NOT exist in the respective programs. Deleted GAT rad worker sub curricula from Security Group Leader quals.
- 7.15 Deleted references to MT-BEP-CHE and MT-CHE in curricula MT-BEP-RPC and MT-BEP-RPT. Also delete unattached asterisked footnote about MT-BEP-CHE on page 38. Deleted tasks MT-RPR-RPS-HP013.0370 and MT-RPR-RPS-HP013.0400 from curricula MT-BEP-RPC and MT-BEP-RPT based on actions of the RP CRC.
- 7.16 Removed all information about the ERO Rad Waste Operator (RWO) from page 13. This position was removed from the Emergency Plan, see 54(Q) review Mt-2014-220.

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Retention: Life of Plant.

Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**

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- 7.17 Removed all material related curricula MT-BEP-RPT on page 38 and replaced it with curricula MT-BEP-RPTIO. See CAP01440689.
- 7.18 Incorporated update log from revision 17 relating to communicators and the curricula for specific positions. This table was added at the end of attachment B. Added attachment M to provide a simplified qualification matrix to document. See CAP01417845 and CAP01417863. Added mentoring guide MT-BEP-EGL-003M, Reactor Engineer in the TSC, to curricula MT-BEP-EGL-NE. See AR01457439. Inserted HAB training requirements (MT-BEP-HAB-001F) into position specific curricula. Corrected lesson plan (MT-BEP-TSS-001L) title on page 27. Updated times for completion of quals based on insertion of HAB lesson and revisions to other lessons (MT-BEP-NOT-001L, MT-BEP-PAR-001L & MT-BEP-DOS-001L). Removed outdated continuing training items from the MT-BEP-FTCOORD and MT-BEP-FTM curricula). Updated lesson plans for curricula MT-BEP-MDP to reflect lessons used for the new dose projections software (URI). Updated tasks numbers for MT-BEP-RPC qual to correct a typo. Removed words from page for curricula MT-BEP-FTCOORD (Field Team Coordinator) that stated this qualification was only to be issued as part of other qualifications (CAP01440689). Adjust the EP CRC quorum requirements on page 8. Added a note at the bottom of page 13 explaining which LMS curricula is for the Interim ED.
- 7.19 Incorporated update log from previous revision. This change shows up as item 3.3.7. The change was covered by 54(Q) screening MT-2015-403. Simplified procedure reference in paragraph 3.7.2. Added clarifying materials to paragraph 3.7.1 about dealing with knowledge evaluation failures. Update reference 5.7 to current procedure. Deleted revision 18 paragraphs 3.5.4 and 3.6.3 as part of removing drill credit from continuing training. Corrected typographical error for a lesson plan number listed on page 18 of rev 18. Removed items from requalification requirements that allowed continuing training credit based on drill participation for the following ERO positions: TSC/OSC Communicator; EOF Communicator; Field Team Communicator; Engineering Staff; Tech Support Supervisor; Maintenance Group Leader; Maintenance Supervisor; Maintenance Craft personnel; Support Group Leader; EOF Coordinator; Security Group Leader; Monitoring Section Leader; Chemistry Section Leader; RPT In-plant and On-site survey position; Field Team Coordinator; Field Team; Nuclear Plant Helpers. Additionally the matrices of Attachment M were update to reflect these changes. This was done per CAP01417796-18. Antiquated lists of drill participation codes for RPC and Chem Tech position were removed. These lists were for reference only and did NOT grant any continuing training credit. Fixed title and LMS designation for Engineering Group Requal Requirement.

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**Training Program Description**  
 MT-BEP (Emergency Plan Training Program Description) Rev. 19

**ATTACHMENT A**

**EMERGENCY DIRECTOR (ED) SRO (OPS SRO), OPERATIONS GROUP LEADER (OGL), and NON-SRO OPERATIONS TRAINING**

**Operations Senior Reactor Operator**

CLASSROOM/LABORATORY/SIMULATOR			
<b>Course:</b> OPS SRO		<b>Curriculum #:</b> MT-BEP-OPS SRO included in MT-OPS-SRO job position	
Classroom: varies	Laboratory: none	Simulator: varies	
Prerequisite: MT-OPS-SRO job position			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
SRO qualified per Operations Training Program	MT-OPS-SRO	Curriculum	varies
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
NIMS Training	MT-BEP-NIM-001L	Class	Varies
Operations Initial	MT-BEP-OPS-001L	Class	4 hr
Emergency Action Level	MT-BEP-EAL	Curriculum	8 hr
Dose Assessment	MT-BEP-DOS-001L	Class	3 hr
Protective Action Recommendations	MT-BEP-PAR-001L	Class	3 hr
Notifications	MT-BEP-NOT-001L	Class	3 hr
Emergency Manager Guidelines	MT-BEP-EMG-001F	CBT	2 hr
SAMG for Decision Makers	MT-BEP-SAM-DM	Curriculum	12 hr
NRC Incident Response Team	MT-BEP-NRT-001F	CBT	2 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
Operations Group Leader	MT-BEP-OGL	Curriculum	varies
<b>Requirement in Curriculum MT-BEP-OPS SRO</b>			

**Operations Group Leader**

<b>Course:</b> Operations Group Leader (OGL) Initial		<b>Sub-Curriculum #:</b> MT-BEP-OGL assigned as part of MT-BEP-OPS SRO	
Classroom: 1.5 hrs	Laboratory: none	Simulator: none	
Lesson Plan Title	Item Number	Type	Total Time
Operations Group Leader Initial	MT-BEP-OGL-001L	Class	1.5 hr
Operations Group Leader Mentor Guide	MT-BEP-OGL-001M	Mtr. Guide	Varies
Continuing Training Topics	Frequency	Task	
Perform the responsibilities for dose assessment	Biennial	MT-BEP-SRO-010	
Integrate Off-site Responders with On-site Response Efforts, including: A. Communications B. Resource Coordination C. Applicable National Incident Management System (NIMS) Training	Biennial	MT-BEP-SRO-020	
<b>NOTE:</b> The only tasks listed here are SRO tasks that are NOT currently analyzed by the Operations Training Program			

**Note: SROs qualified to perform Interim Emergency Director responsibilities are identified by curricula MT-OPS-PSRO**

**Training Program Description**  
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**(ATTACHMENT A)**

**Non-SRO**

<b>Course:</b> Non-Licensed or Licensed Operations Group ( <u>NOT</u> SRO) Initial (It is preferred to take items in order listed)		<b>Curriculum:</b> MT-BEP-OPS included in MT-OPS-RO and/or MT-OPS-NLO job positions	
Classroom: 5.5 hours	Laboratory: N/A hours	Simulator: N/A hours	
Prerequisites: assigned MT-BEP-OPS RO and/or MT-OPS-NLO job positions			
Lesson Plan Title	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Operations Initial	MT-BEP-OPS-001L	Class	4 hr

**NOTE:** All requalification requirements for RO-Licensed persons and NLOs are contained in the Operations Training Program MT-LOR and M-8400.

**Training Program Description**  
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**ATTACHMENT B**

**SHIFT EMERGENCY (SEC), TSC/OSC (OEC), EOF (EEC), FIELD TEAM (FTCOMM)  
 EMERGENCY COMMUNICATOR TRAINING**

**Shift Emergency Communicator**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Shift Emergency Communicator Initial		<b>Curriculum #:</b> MT-BEP-SEC	
Classroom: 7.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisites: Assigned Security Captain or Lieutenant			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Shift Emergency Communicator Initial	MT-BEP-SEC-001L	Class	1 hr
Notifications	MT-BEP-NOT-001L	Class	3 hr
Full Face Respiratory	MT-BEP-RESP	Curriculum	2 hr
Shift Emergency Communicator Mentor Guide	MT-BEP-SEC-001M	Mtr Guide	Varies
<b>Requirement included in MT-BEP-SEC Curriculum</b>			
<b>Course:</b> Shift Emergency Communicator SEC Requal		<b>Requirement #:</b> MT-BEP-SEC REQUAL	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>		<b>Total Time</b>
Complete one of the following annually	MT-BEP-SEC-002L Or	Class	2 hr
	MT-BEP-SEC-003L	Class	2 hr

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
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**(ATTACHMENT B)**

**TSC/OSC Communicator**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> TSC/OSC Emergency Communicator		<b>Curriculum #:</b> MT-BEP-OEC	
Classroom: 5.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisites: Assigned by management and can clearly communicate using a telephone and radio			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
TSC/OSC Emergency Communicator Initial	MT-BEP-OEC-001L	Class	4 hr
TSC/OSC Emergency Communicator Mentor Guide	MT-BEP-OEC-001M	Mtr Guide	Varies
Field Team Communicator	MT-BEP-FTCOMM	Curriculum	none
<b>Requirement included in MT-BEP-OEC</b>			
<b>Course:</b> TSC/OSC Emergency Communicator Requal		<b>Requirement #:</b> MT-BEP-OEC Requal	
Classroom: 3 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
One of following completed annually	MT-BEP-OEC-002L <u>Or</u> MT-BEP-OEC-001M	Class Mtr Guide	3 hr Varies

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> TSC/OSC Technical Emergency Communicator		<b>Curriculum #:</b> MT-BEP-OEC TEC	
Classroom: N/A	Laboratory: N/A	Simulator: N/A	
Prerequisites: Technical experience - licensed, formerly licensed, certified, formerly certified, or who have three years of technical/operational/operations instructor experience at MT and designated by EP Management and/or EP Steering Committee			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
TSC/OSC Emergency Communicator	MT-BEP-OEC	Curriculum	
Technical Communicator Certificate	MT-BEP-TEC-001C	Certification	NA

**Training Program Description**  
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**(ATTACHMENT B)**

**EOF Emergency Communicator**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> EOF Emergency Communicator		<b>Curriculum #:</b> MT-BEP-EEC	
Classroom: 5.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisites: Assigned by management and can clearly communicate using a telephone and radio			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
EOF Emergency Communicator Initial	MT-BEP-EEC-001L	Class	4 hrs
Field Team Communicator	MT-BEP-FTCOMM	Curriculum	none
<b>Requirement in MT-BEP-EEC</b>			
<b>Course:</b> EEC Requal		<b>Requirement #:</b> MT-BEP-EEC Requal	
Classroom: 4 hours	Laboratory: N/A hours	Simulator: N/A hours	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
One of following completed annually	MT-BEP-EEC-001L <u>Or</u> MT-BEP-EEC-002L	Class Class	4 hr 2 hr

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> EOF Technical Emergency Communicator		<b>Curriculum #:</b> MT-BEP-EEC TEC	
Classroom: N/A	Laboratory: N/A	Simulator: N/A	
Prerequisites: Technical experience - licensed, formerly licensed, certified, formerly certified, or who have three years of technical/operational/operations instructor experience at MT and designated by EP Management and/or EP Steering Committee			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
EOF Emergency Communicator	MT-BEP-EEC	Curriculum	
Technical Communicator Certificate	MT-BEP-TEC-001C	Certification	NA

**Training Program Description**  
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**(ATTACHMENT B)**

**Field Team Communicator**

**CLASSROOM/LABORATORY/SIMULATOR**

<b>Course:</b> Field Team Communicator		<b>Curriculum #:</b> MT-BEP-FTCOMM	
<b>Note:</b> Curricula is assigned under MT-BEP-MSL, MT-BEP-RPC, MT-BEP-EEC, MT-BEP-OEC curricula and NOT assigned by itself			
Classroom: N/A	Laboratory: N/A	Simulator: N/A	
Pre-requisite: Assigned per MT-BEP-MSL, MT-BEP-RPC, MT-BEP-EEC, MT-BEP-OEC curricula and not assigned by itself			
<b>Lesson Plan Title</b>	<b>Curriculum</b>	<b>Type</b>	<b>Total Time</b>
Remain qualified Monitoring Section Leader <u>Or</u> RP Coordinator <u>Or</u> EOF Emergency Communicator <u>Or</u> TSC/OSC Emergency Communicator	MT-BEP-MSL-001L <u>Or</u>	Class	3 hr.
	MT-M9006L-028 <u>Or</u>	Class	2 hr.
	MT-BEP-EEC-001L <u>Or</u>	Class	4 hr.
	MT-BEP-OEC-001M	Mtr Guide	Varies
<b>Requirement in MT-BEP-FTCOMM</b>			
<b>Course:</b> Field Team Communicator Requal		<b>Requirement #:</b> MT-BEP-FTCOMM Requal	
Classroom: varies	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
One of following completed annually	MT-BEP-EEC-001L <u>Or</u>	Class	4 hr
	MT-BEP-EEC-002L <u>Or</u>	Class	2 hr
	MT-BEP-OEC-001M <u>Or</u>	Mtr Guide	Varies
	MT-BEP-OEC-002L <u>Or</u>	Class	3 hr
	MT-BEP-MSL-001M <u>Or</u>	Mtr Guide	Varies
	MT-BEP-MSL-002L <u>Or</u>	Class	2 hr
	MT-BEP-RPC-002L <u>Or</u>	Class	Varies
	MT-BEP-RPC-003L <u>Or</u>	Class	3 hr
MT-M9007L-028	Class	2 hr	

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.



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**(ATTACHMENT B)**

<b>Emergency Communicator Position</b>	<b>LMS Curricula</b>
TSC Lead Emergency Communicator TSC Assistant Emergency Communicator TSC/OSC Communicators	MT-BEP-OEC Or MT-BEP-OEC TEC
Control Room Technical Communicator Control Room ENS Communicators Control Room Communicators TSC/OSC Plant Status Technical Communicator TSC ENS Communicators	MT-BEP-OEC TEC Or MT-OPS-PSRO
EOF Off-Site Communicator EOF Communicators	MT-BEP-EEC Or MT-BEP-EEC TEC
EOF Plant Status Tech Communicator EOF ENS Technical Communicator EOF JIC Communicator	MT-BEP-EEC TEC
Field Team Communicator	MT-BEP-FTCOMM Or MT-BEP-OEC Or MT-BEP-EEC Or MT-BEP-RPC Or MT-BEP-MSL Or MT-BEP-OEC TEC Or MT-BEP-EEC TEC

**Training Program Description**  
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**ATTACHMENT C**  
**EMERGENCY DIRECTOR (ED), EMERGENCY MANAGER (EM) TRAINING**

**Emergency Director/Manager**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Emergency Director		<b>Curriculum #:</b> MT-BEP-ED	
Classroom: varies	Laboratory: N/A	Simulator: N/A	
Pre-requisite: Manager or supervisor on site and selected by management			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
NIMS Training	MT-BEP-NIM-001L	CBT	Varies
Emergency Director Initial Training	MT-BEP-EDD-001L	Class	3 hr
Command and Control	MT-BEP-CAC-001L	Class	2 hrs
Classification	MT-BEP-EAL	Curriculum	8 hr
Dose Assessment	MT-BEP-DOS-001L	Class	3 hr
Protective Action Recommendation	MT-BEP-PAR-001L	Class	3 hr
Notification	MT-BEP-NOT-001L	Class	3 hrs
Emergency Management Guidelines	MT-BEP-EMG-001F	CBT	2 hr
NRC Incident Response Team	MT-BEP-NRT-001F	CBT	2 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
Emergency Director Mentor Guide	MT-BEP-EDD-001M	Mtr Guide	Varies
<b>Requirement included in MT-BEP-ED</b>			
<b>Course:</b> Emergency Director/Emergency Manager Requal		<b>Requirement #:</b> MT-BEP-ED Requal	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
One of following completed annually	MT-BEP-EDD-002L <u>Or</u>	Class	2 hr
	MT-BEP-EDD-003L	Class	2 hr

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
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**(ATTACHMENT C)**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Emergency Manager		<b>Curriculum #:</b> MT-BEP-EMR	
Classroom: varies	Laboratory: N/A	Simulator: N/A	
Pre-requisite: Manager or supervisor on site and selected by management			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
NIMS Training	MT-BEP-NIM-001L	CBT	Varies
Emergency Director Initial Training	MT-BEP-EDD-001L	Class	3 hr
Command and Control	MT-BEP-CAC-001L	Class	2 hr
Classification	MT-BEP-EAL	Curriculum	8 hr
Dose Assessment	MT-BEP-DOS-001L	Class	3 hr
Protective Action Recommendation	MT-BEP-PAR-001L	Class	3 hr
Notification	MT-BEP-NOT-001L	Class	3 hr
Emergency Management Guidelines	MT-BEP-EMG-001F	CBT	2 hr
NRC Incident Response Team	MT-BEP-NRT-001F	CBT	2 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
Emergency Manager Mentor Guide	MT-BEP-EMR-001M	Mtr Guide	Varies
<b>Requirement included in MT-BEP-EMR</b>			
<b>Course:</b> Emergency Director/Emergency Manager Requal		<b>Requirement #:</b> MT-BEP-EMR Requal	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
	Item Number	Type	Total Time
One of following completed annually	MT-BEP-EDD-002L <u>Or</u>	Class	2 hr
	MT-BEP-EDD-003L	Class	2 hr

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
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**ATTACHMENT D**

**RADIOLOGICAL EMERGENCY COORDINATOR (REC) RADIATION PROTECTION  
 SUPPORT SUPERVISOR (RPSS) TRAINING**

CLASSROOM/LABORATORY/SIMULATOR			
<b>Course:</b> Radiological Emergency Coordinator		<b>Curriculum #:</b> MT-BEP-REC	
Classroom: 18.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisites: RP background and selected by RP management			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
REC/RPSS Initial	MT-BEP-REC-001L	Class	3 hr
Emergency Action Level (RP specific sections only)	MT-BEP-EAL-001L	Class	2 hr
Dose Assessment	MT-BEP-DOS-001L	Class	3 hr
Protective Action Recommendation	MT-BEP-PAR-001L	Class	3 hr
Notification	MT-BEP-NOT-001L	Class	3 hr
NRC Incident Response Team	MT-BEP-NRT-001F	CBT	2 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
For MT-BEP-REC curriculum: Radiological Emergency Coordinator Mentor Guide	MT-BEP-REC-001M	Mtr Guide	Varies
Requirement in MT-BEP-REC			
<b>Course:</b> Radiological Emergency Coordinator Requal		<b>Requirement #:</b> MT-BEP-REC Requal	
Classroom: 2 hours	Laboratory: N/A hours	Simulator: N/A hours	
	Item Number	Type	Total Time
One of following completed annually	MT-BEP-REC-002L <u>Or</u>	Class	2 hr
	MT-BEP-REC-003L	Class	2 hr

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**(ATTACHMENT D)**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Radiation Protection Support Supervisor Initial		<b>Curriculum #:</b> MT-BEP-RPSS	
Classroom: 18.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisites: RP background and selected by RP management			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
REC/RPSS Initial	MT-BEP-REC-001L	Class	3 hr
Emergency Action Level (RP specific sections only)	MT-BEP-EAL-001L	Class	2 hr
Dose Assessment	MT-BEP-DOS-001L	Class	3 hr
Protective Action Recommendation	MT-BEP-PAR-001L	Class	3 hr
Notification	MT-BEP-NOT-001L	Class	3 hr
NRC Incident Response Team	MT-BEP-NRT-001F	CBT	2 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
For MT-BEP-RPSS curriculum: Radiological Protection Support Supervisor Mentor Guide	MT-BEP-REC-002M	Mtr Guide	Varies

**NOTE:** Continuing training topics and requirements same as MT-BEP-REC.

**Training Program Description**  
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**ATTACHMENT E**

**ENGINEERING GROUP LEADER (EGL), ENGINEERING COORDINATOR (EGL-EC),  
 TECHNICAL SUPPORT SUPERVISOR (TSS), ENGINEERING GROUP (EGL-EG),  
 and NUCEALR ENGINEER (EGL-NE) TRAINING**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Engineering Group Leader		<b>Curriculum #:</b> MT-BEP-EGL	
Classroom: 17.5 hours	Laboratory: N/A	Simulator: N/A	
Pre-requisites: Engineering background and selected by management. Supervisor is preferred			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Engineering Group Leader Initial	MT-BEP-EGL-001L	Class	3 hr
Classification	MT-BEP-EAL	Curriculum	8 hr
Emergency Management Guidelines	MT-BEP-EMG-001F	CBT	2 hr
NRC Incident Response Team	MT-BEP-NRT-001F	CBT	2 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
Engineering Group Leader Mentor Guide	MT-BEP-EGL-001M	Mtr Guide	Varies
<b>Requirement included MT-BEP-EGL</b>			
<b>Course:</b> Engineering Group Leader – EC Requal		<b>Requirement #:</b> MT-BEP-EGL and MT-BEP-EGL-EC Requal	
Classroom: 2 hours			
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Completion of the following annually	MT-BEP-EGL-002L	Class	2 hr

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
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**(ATTACHMENT E)**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Engineering Group Leader		<b>Curriculum #:</b> MT-BEP-EGL-EC	
Classroom: 22.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: same as EGL			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
Engineering Group Leader Curriculum	MT-BEP-EGL	Curriculum	16.5 hrs
SAMG Evaluators curriculum	MT-BEP-SAM-EVAL	Curriculum	6 hrs

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Nuclear Engineer Initial		<b>Curriculum #:</b> MT-BEP-EGL-NE	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Selected by management			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Reactor Engineer in the TSC	MT-BEP-EGL-003M	Mtr guide	varies

<b>Requirement within MT-BEP-EGL-NE</b>			
<b>Course:</b> Engineering Group and Nuclear Engineer Requal		<b>Requirement # :</b> MT-BEP-EGL-EG NE Requal	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
	Item Number	Type	Total Time
The following biennially	MT-BEP-ORT-001F	CBT	1.5 hr

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Core Thermal Hydraulics		<b>Curriculum #:</b> MT-BEP-EGL-CTH	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Nuclear engineer			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Nuclear Engineer <u>Or</u> individuals selected by engineering management who complete EP mentoring guide <u>Or</u> SRO	MT-BEP-EGL-NE <u>Or</u> MT-BEP-EGL-002M <u>Or</u> MT-BEP-OPS-SRO	Mtr Guide	Varies

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**(ATTACHMENT E)**

<b>Requirement within MT-BEP-EGL-CTH</b>			
<b>Course:</b> Engineering Group and Nuclear Engineer Requal		<b>Requirement # :</b> MT-BEP-EGL-EG NE Requal	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
The following biennially	MT-BEP-ORT-001F	CBT	1.5 hr

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Engineering Group Initial		<b>Curriculum #:</b> MT-BEP-EGL-EG assigned by Org Chart	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Engineer on organizational chart or engineering background and/or Initial ESP Systems Training.			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr

<b>Requirement within MT-BEP-EGL-EG</b>			
<b>Course:</b> Engineering Group and Nuclear Engineer Requal		<b>Requirement # :</b> MT-BEP-EGL-EG NE Requal	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
The following biennially	MT-BEP-ORT-001F	CBT	1.5 hr



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**(ATTACHMENT E)**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Technical Support Supervisor Initial		<b>Curriculum #:</b> MT-BEP-TSS	
Classroom: 13.5 hours	Laboratory: N/A	Simulator: N/A	
Pre-requisites: Engineering background and selected by management. Supervisor is preferred.			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Technical Support Supervisor Initial	MT-BEP-TSS-001L	Class	2 hr
Classification	MT-BEP-EAL	Curriculum	8 hr
NRC Incident Response Team	MT-BEP-NRT-001F	CBT	2 hr
Technical Support Supervisor Mentor Guide	MT-BEP-TSS-001M	Mtr Guide	Varies
<b>Requirement within MT-BEP-TSS</b>			
<b>Course:</b> Technical Support Supervisor continuing		<b>Requirement #:</b> MT-BEP-TSS Requal	
Classroom: 4 hours			
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
One of following completed annually	MT-BEP-TSS-002L Or MT-BEP-TSS-001M	Class Mtr Guide	4 hr Varies

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
 MT-BEP (Emergency Plan Training Program Description) Rev. 19

**ATTACHMENT F**

**OPERATIONS SUPPORT CENTER (OSC) COORDINATOR (OCC) MAINTENANCE  
 GROUP LEADER (MGL), Maintenance Supervisor in the OSC (MSO) and  
 MAINTENANCE (ICC, ELC, MEC) TRAINING**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> OSC Coordinator		<b>Curriculum #:</b> MT-BEP-OCC	
Classroom: 5.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Selected by management. Preferred Operations background.			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Command and Control	FL-BEP-CAC-001L	Class	2 hr
OSC Coordinator Initial	MT-BEP-OCC-001L	Class	2 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
OSC Coordinator Mentor Guide	MT-BEP-OCC-001M	Mtr Guide	Varies
<b>Requirement within MT-BEP-OCC</b>			
<b>Course:</b> OSC Coordinator Requal		<b>Requirement #:</b> MT-BEP-OCC Requal	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A hours	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Complete the following annually	MT-BEP-OCC-002L	Class	2 hr

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
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**(ATTACHMENT F)**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Maintenance Group Leader		<b>Curriculum #:</b> MT-BEP-MGL	
Classroom: 3.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Selected by management. Preferred Work Management process knowledge and supervisory level.			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
OSC Coordinator Initial	MT-BEP-OCC-001L	Class	2 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
<b>Requirement within MT-BEP-MGL</b>			
<b>Course:</b> Maintenance Group Leader Requal		<b>Requirement #:</b> MT-BEP-OCC Requal	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
The following completed annually	MT-BEP-OCC-002L	Class	2 hr

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
 MT-BEP (Emergency Plan Training Program Description) Rev. 19

**(ATTACHMENT F)**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Maintenance Supervisor in the OSC		<b>Curriculum #:</b> MT-BEP-MSO	
Classroom: 3.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Selected by management. Preferred Work Management process knowledge and supervisory level.			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
OSC Coordinator Initial	MT-BEP-OCC-001L	Class	2 hr
<b>Requirement within MT-BEP-MGL</b>			
<b>Course:</b> Maintenance Group Leader Requal		<b>Requirement #:</b> MT-BEP-MSO Requal	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
	Item Number	Type	Total Time
One of following completed annually	MT-BEP-OCC-001L <u>Or</u> MT-BEP-ORT-001F	Class CBT	2 hr 1.5 hr

**NOTE:** This qual above added per TRR01298009

**Training Program Description**  
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**(ATTACHMENT F)**

**MAINTENANCE TRAINING**

Note: Add MT-BEP-ELC, MT-BEP-ICC, and/or MT-BEP-MEC curriculum to supervisors as appropriate per organizational chart or per EP Steering Committee. Workers may be added and removed via Job Positions.

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Electrical Maintenance		<b>Curriculum #:</b> MT-BEP-ELC	
Classroom: 6.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Electrician on organizational chart, SRO, and/or assigned per LMS electrician job position			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Electrical	FL-SHE-MEL-004L	Class	4 hr
<b>Requirement within MT-BEP-ELC</b>			
<b>Course:</b> Mechanical/Electrical/I&C Maintenance Requal		<b>Requirement #:</b> MT-BEP-MNT Requal	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
The following biennially	MT-BEP-ORT-001F	CBT	1.5 hr

**Training Program Description**  
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**(ATTACHMENT F)**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> I&C Maintenance		<b>Curriculum #:</b> MT-BEP-ICC	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: I&C on organizational chart, and/or assigned per LMS I&C job position			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
<b>Requirement within MT-BEP-ICC</b>			
<b>Course:</b> Mechanical/Electrical/I&C Maintenance Requal		<b>Requirement #:</b> MT-BEP-MNT Requal	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
	Item Number	Type	Total Time
The following biennially	MT-BEP-ORT-001F	CBT	1.5 hr

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Mechanical		<b>Curriculum #:</b> MT-BEP-MEC	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Mechanic on organizational chart, and/or assigned per LMS mechanic job position			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
<b>Requirement within MT-BEP-MEC</b>			
<b>Course:</b> Mechanical/Electrical/I&C Maintenance Requal		<b>Requirement #:</b> MT-BEP-MNT Requal	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
	Item Number	Type	Total Time
The following biennially	MT-BEP-ORT-001F	CBT	1.5 hr

**Training Program Description**  
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**ATTACHMENT G**

**SUPPORT GROUP LEADER (SGL), EOF COORDINATOR (EFC), SECURITY GROUP LEADER/ EOF SECURITY GROUP COORDINATOR (SGC) and SUPPORT GROUP (SGL-SG) TRAINING**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Support Group Leader Initial		<b>Curriculum #:</b> MT-BEP-SGL	
Classroom: 5.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Selected by management			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Support Group Leader Initial	MT-BEP-SGL-001L	Class	4 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
<b>Requirement within MT-BEP-SGL</b>			
<b>Course:</b> Support Group Leader Requal		<b>Requirement #:</b> MT-BEP-SGL REQUAL	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
The following completed annually	MT-BEP-SGL-002L	Class	2 hr

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
 MT-BEP (Emergency Plan Training Program Description) Rev. 19

**(ATTACHMENT G)**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> EOF Coordinator Initial		<b>Curriculum #:</b> MT-BEP-EFC	
Classroom: 5.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Selected by management			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
EOF Coordinator Initial	MT-BEP-EFC-001L	Class	4 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
<b>Requirement within MT-BEP-EFC</b>			
<b>Course:</b> EOF Coordinator Requal		<b>Requirement #:</b> MT-BEP-EFC REQUAL	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
The following completed annually	MT-BEP-EFC-002L	Class	2 hr

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Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.



**Training Program Description**  
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**(ATTACHMENT G)**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Security Group Leader/EOF Security Coordinator Initial		<b>Curriculum #:</b> MT-BEP-SGC	
Classroom: 5.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Security background and selected by management			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Security Group Leader-EOF Security Coordinator Initial EP	MT-BEP-SGC-001L	Class	4 hr
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Monticello ERO Security Event Response	MT-BEP-HAB-001F	CBT	1 hr
<b>Requirement within MT-BEP-SGC</b>			
<b>Course:</b> Security Group Leader/EOF Security Coordinator		<b>Requirement #:</b> MT-BEP-SGC Requal	
Classroom: 4 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
One of following completed annually	MT-BEP-SGC-001L <u>Or</u> MT-BEP-SGC-002L	Class Class	4 hr 2 hr

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Support Group		<b>Curriculum #:</b> MT-BEP-SGL-SG assigned by Org Chart	
Classroom: 3.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Assigned by business support on organizational chart. Others may fill in as needed.			
<b>Lesson Plan Title</b>	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
GAT Radworker	FL-GAT-RWT Requal	Curriculum	2 hr
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr

**Training Program Description**  
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**ATTACHMENT H**

**MONITORING SECTION LEADER (MSL), CHEMISTRY SECTION LEADER/CHEMISTRY COORDINATOR (CSL), CHEMIST (CHE), and MIDAS (MDP) TRAINING**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Monitoring Section Leader Initial *		<b>Curriculum #:</b> MT-BEP-MSL	
Classroom: 4.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: RP background and selected by management			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Monitoring Section Leader Initial	MT-BEP-MSL-001L	Class	3 hr
Monitoring Section Leader Mentor Guide	MT-BEP-MSL-001M	Mtr Guide	Varies
Field Team Communicator	MT-BEP-FTCOMM	Curriculum	none
Field Team Coordinator	MT-BEP-FTCOORD	Curriculum	none
<b>Requirement within MT-BEP-MSL</b>			
<b>Course:</b> Monitoring Section Leader Requal		<b>Requirement #:</b> MT-BEP-MSL Requal	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
The following completed annually	MT-BEP-MSL-002L	Class	2 hr

*\* Qualified MT-BEP-REC Radiological Emergency Coordinator can also fill this position.*

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Chemistry Section Leader/Chemistry Coordinator initial		<b>Curriculum #:</b> MT-BEP-CSL	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Chemistry background and selected by management			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Chemistry Section Leader	MT-BEP-CSL-001L	Class	2 hr
Chemistry Section Leader Mentor Guide	MT-BEP-CSL-001M	Mtr Guide	Varies

**Training Program Description**  
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**(ATTACHMENT H)**

<b>Requirement within MT-BEP-CSL</b>			
<b>Course:</b> Chemistry Section Leader/Chemistry Coordinator Continuing		<b>Requirement #:</b> MT-BEP-CSL REQUAL	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
The following completed annually	MT-BEP-CSL-001L	Class	2 hr
<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Chemistry		<b>Curriculum #:</b> MT-BEP-CHE	
Classroom: 4.5 hours	Laboratory: NA	Simulator: N/A	
Prerequisite: Assigned per chemistry organizational chart			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Qualified Chem Tech (Phase 1), to include PASS	MT-CHT-PH1-001Q	Qual Manual	Varies
Chemistry Initial	MT-BEP-CHE-001L	Class	3 hr
<b>Requirement within MT-BEP-CHE</b>			
<b>Course:</b> Chemistry Requal		<b>Requirement #:</b> MT-BEP-CHE Requal	
Classroom: N/A	Laboratory: N/A	Simulator: N/A	
<b>Lesson Plan Title</b>	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Chemistry Technician requal training is all conducted per the Chemistry Training Program			

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
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**(ATTACHMENT H)**

<b>Classroom/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Dose Projection		<b>Curriculum #:</b> MT-BEP-MDP	
Classroom: 8.5 hours	Laboratory: NA	Simulator: N/A	
Prerequisite: Assigned per chemistry organizational chart			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Qualified Chem Tech (Phase 1), to include PASS	MT-CHT-PH1-001Q	Qual Manual	Varies
Dose Projection Overview	MT-BEP-DOS-001L	Class	3 hrs
Dose Projections with URI	MT-BEP-DPS-003L	Class	4 hrs

Dose Projection training is completed per the Chemistry Training Program.

**Training Program Description**  
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**ATTACHMENT I**

**RADIATION PROTECTION COORDINATOR/RADIATION PROTECTION (RPC),  
 RADIATION PROTECTION TECHNICIAN (RPT), FIELD TEAM COORDINATOR  
 (FTCOORD), FIELD TEAM (FTM), and NUCLEAR PLANT HELPER (NPH) TRAINING**

CLASSROOM/LABORATORY/SIMULATOR			
<b>Course:</b> Radiation Protection Coordinator /Radiation Protection Initial		<b>Curriculum #:</b> MT-BEP-RPC	
Classroom: 15.5 hours	Laboratory: NA	Simulator: N/A	
<b>Prerequisites:</b> Assigned per RP organizational chart			
Lesson Plan Title (It is preferred to take items in order listed)	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Monticello (Fleet Common) RPT OJT/TPE Guides	MT-RPR-COMM	Curriculum	varies
RPT/RPC Initial	MT-M9007L-028	Class	8 hr
Field Team Communicator	MT-BEP-FTCOMM	Curriculum	none
Field Team Coordinator	MT-BEP-FTCOORD	Curriculum	none
Field Team	MT-BEP-FTM	Curriculum	6 hrs
Provide HP cover of contamination and/or injured person during emergency/onsite or at area medical facility	MT-RPR-RPS-HP013.002	Task	
Assist in emergency response planning during an emergency	MR-RPR-RPS-HP013.005	Task	
Activate emergency response centers	MT-RPR-RPS-HP013.039	Task	
Perform out of plant surveys	MT-RPR-RPS-HP013.042	Task	
Demonstrate familiarity with emergency evacuation	MT-RPR-RPS-HP013.047	Task	
Activate assembly point	MT-RPR-RPS-HP013.048	Task	
Conduct search and rescue	MT-RPR-RPS-HP013.049	Task	
Control exposures during emergencies	MT-RPR-RPS-HP013.051	Task	
Perform contamination control during an emergency	MT-RPR-RPS-HP013.053	Task	
Reenter area with unknown radiological conditions or evacuated areas	MT-RPR-RPS-HP013.067	Task	
Respond to an emergency at Prairie Island	MT-RPR-RPS-HP013.068	Task	
Perform in plant surveys during an emergency	MT-RPR-RPS-HP013.069	Task	
Respond to an offsite situation involving radioactive materials	MT-RPR-RPS-HP013.071	Task	
Segregate contaminated personnel and vehicles and decontamination	MT-RPR-RPS-HP013.072	Task	
Respond to a toxic gas condition on site	MT-RPR-RPS-HP013.074	Task	

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

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**(ATTACHMENT I)**

<b>Requirement within MT-BEP-RPC</b>			
<b>Course:</b> Radiation Protection Coordinator /RP Requal		<b>Curriculum #:</b> MT-BEP-RPC REQUAL	
Classroom: N/A	Laboratory: NA	Simulator: N/A	
Lesson Plan Title	Item Number	Type	Total Time
RPC requal training is completed per the RP Training Program			

**Radiation Protection Technician In-Plant & On-Site Survey**

<b>Course:</b> Radiation Protection Technician		<b>Curriculum #:</b> MT-BEP-RPTIO	
<b>Classroom:</b> 9.5 hr (includes CBT)	Laboratory: NA	Simulator: NA	
<b>Pre-requisites:</b> as required per Rad Prot Management, to include ANSI N18.1 RP Certification IAW RP TPD			
Lesson Plan Title	Item Number	Type	Total Time
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Radiation Protection Initial Emergency Planning	MT-M9007L-028	Class	8 hr
Radiation Protection In-Plant and On-Site Survey Mentoring Guide	MT-BEP-RPT-001M	Mtr Guide	Varies
<b>Requirement within MT-BEP-RPTIO</b>			
<b>Course:</b> RPT In-Plant and On-Site Survey Requal		<b>Requirement #:</b> MT-BEP-RPTIO-REQUAL	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
	Item Number	Type	Total Time
The following completed annually	MT-BEP-RPT-001L	Class	2hrs

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
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**(ATTACHMENT I)**

**Radiation Protection Technician – Access Control**

<b>Course:</b> Radiation Protection Technician		<b>Curriculum #:</b> MT-BEP-RPT Access	
<b>Classroom:</b> 22.5 hrs	<b>Laboratory:</b> NA	<b>Simulator:</b> NA	
<b>Pre-requisites:</b> MT-BEP-RPT			
<b>Lesson Plan Title</b>	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Contamination Assessment and Personnel Decontamination	M9007L-001	Class	3.5 hr
Respiratory Protection Training	M9007L-002	Class	2.5 hr
Radiological Surveys and Job Coverage	M9007L-003	Class	3.5 hr
Radioactive Material Control and Release	M9007L-017	Class	5 hr
Electronic Dosimeter Operations	M9007L-023	Class	8 hr
Implement Key Controls	MT-RPR-ADM-003O	Task	Varies
Manually Operate an Electronic Dosimeter	MT-RPR-JOB-015O	Task	Varies
Issue Respiratory Protection Equipment	MT-RPR-RES-003O	Task	Varies
Process Personnel Contamination Events	MT-RPR-DOS-003O	Task	Varies
Survey Material for Unconditional Release	MT-RPR-RAM-003O	Task	Varies

Continuing training for RPT Access Control (MT-BEP-RPT ACCESS) is completed per the RP training program.

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<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Field Team Coordinator		<b>MT-BEP-FTCOORD</b>	
Classroom: N/A	Laboratory: N/A	Simulator: N/A	
Prerequisites: Assigned per MT-BEP-MSL or MT-BEP-RPC			
<b>Requirement</b>	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Requirement: MT-BEP-FTCOORD	MT-M9007L-028 <u>Or</u> MT-BEP-MSL-001M	Class Mtr Guide	
<b>Requirement within MT-BEP-RPC</b>			
<b>Course:</b> Field Team Coordinator Requal		<b>Curriculum #:</b> MT-BEP-FT-COORD REQUAL	
Classroom: varies	Laboratory: NA	Simulator: N/A hours	
	<b>Item Number</b>		<b>Total Time</b>
One of following completed annually	MT-BEP-FTM-001L <u>Or</u> MT-BEP-FTM-002L <u>Or</u> MT-BEP-MSL-001M <u>Or</u> MT-BEP-MSL-002L <u>Or</u> MT-BEP-RPC-002L <u>or</u> MT-BEP-RPC-003L <u>or</u> MT-M9007L-028	Class Class Mtr Guide Class Class Class Class	6 hr 3 hr Varies 2 hr Varies 3 hr 8 hr

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.



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<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Field Team Initial Note: RP's are assigned this curriculum via MT-BEP-RPC curriculum		<b>Curriculum #:</b> MT-BEP-FTM	
Classroom: 8 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Technical aptitude. RP background or technical background is preferred.			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Field Team Initial	MT-BEP-FTM-001L	Class	6 hrs
Respiratory full face	MT-BEP-RESP	Curriculum	2 hrs
<b>Requirement within MT-BEP-FTM</b>			
<b>Course:</b> Field Team Requal		<b>Curriculum #:</b> MT-BEP-FTM REQUAL	
Classroom: Varies	Laboratory: NA	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
One of following completed annually	MT-BEP-FTM-001L <u>Or</u> MT-BEP-FTM-002L <u>Or</u> MT-BEP-RPC-002L <u>Or</u> MT-BEP-RPC-003L <u>Or</u> MT-M9007L-028	Class Class Class Class Class	6 hr 3 hr Varies 3 hr 8 hr

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
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<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Nuclear Plant Helper initial		<b>Curriculum #:</b> MT-BEP-RPC-NPH as assigned per Org Chart	
Classroom: 7.5 hours	Laboratory: N/A	Simulator: N/A	
Prerequisite: Assigned per organizational chart			
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Plan Overview	MT-BEP-ORT-001F	CBT	1.5 hr
Nuclear Plant Helper	MT-BEP-RPC-004L	Class	4 hr
Respiratory full face	MT-BEP-RESP	Curriculum	2 hr
<b>Requirement within MT-BEP-RPC-NPH</b>			
<b>Course:</b> Nuclear Plant Helper continuing		<b>Requirement #:</b> MT-BEP-RPC-NPH-Requal	
Classroom: 1.5 hours	Laboratory: N/A	Simulator: N/A	
	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
The following completed biennially	MT-BEP-ORT-001F	CBT	1.5 hr

Retention: Life of Plant.  
 Retain in: Program File

Form retained in accordance with record retention schedule identified in FP-G-RM-01.

**Training Program Description**  
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**ATTACHMENT J**

**EMERGENCY ACTION LEVEL (EAL) & SEVERE ACCIDENT MANAGEMENT (SAM) GUIDELINES**

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> Emergency Action Level		<b>Curriculum #:</b> MT-BEP-EAL as assigned per ERO Position	
Classroom: 8 hours	Laboratory: NA	Simulator: N/A	
Prerequisite: Assigned per ERO position curricula			
<b>Lesson Plan Title</b>	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Emergency Action Level	MT-BEP-EAL-001L	Class	8 hours

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> SAMG Decision Makers		<b>Curriculum #:</b> MT-BEP-SAM-DM as assigned per ERO Position	
Classroom: 12 hours	Laboratory: N/A hours	Simulator: N/A hours	
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
SRO qualified per Operation Training Program	MT-OPS-SRO	Curriculum	varies
BWR Severe Accident Management Overview	MT-BEP-SAM-001L	Class	2 hrs
Phenomena Related To Core-Damage Accidents	MT-BEP-SAM-002L	Class	2 hrs
Technical Support Guidelines (TSGs)	MT-BEP-SAM-003L	Class	2 hrs
Severe Accident Management Guidelines (SAMGs)	MT-BEP-SAM-004L	Class	6 hrs
<b>Requirement</b>			
EP takes credit for FL-LOR curricula for SAMG Decision Makers continuing biennially			

<b>CLASSROOM/LABORATORY/SIMULATOR</b>			
<b>Course:</b> SAMG Evaluators are Engineers and SROs and previous SROs		<b>Curriculum #:</b> MT-BEP-SAM-EVAL	
Classroom: 6 hours	Laboratory: N/A	Simulator: N/A	
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
BWR Severe Accident Management Overview	MT-BEP-SAM-001L	Class	2 hrs
Phenomena Related To Core-Damage Accidents	MT-BEP-SAM-002L	Class	2 hrs
Technical Support Guidelines (TSGs)	MT-BEP-SAM-003L	Class	2 hrs

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**ATTACHMENT K**

**FIRE BRIGADE LEADER/FIRE BRIGADE (MT-OPS-FB), RESPIRATOR (MT-BEP-RESP), and SCBA (MT-SHE-SCBA) TRAINING**

CLASSROOM/LABORATORY/SIMULATOR			
<b>Course:</b> Fire Brigade Qualification		<b>Curriculum #:</b> MT-OPS-PFB	
Classroom: N/A	Laboratory: N/A	Simulator: N/A	
<b>Lesson Plan Title</b> (It is preferred to take items in order listed)	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Fire Brigade program as qualified per M-7600	Qualified per the program		

CLASSROOM/LABORATORY/SIMULATOR			
<b>Course:</b> Respiratory Full Face Personnel selected to comply with 4 AWI-08.04.04 and/or specific ERO position		<b>Curriculum #:</b> MT-BEP-RESP	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
<b>Lesson Plan Title</b>	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Qualified to M-7700 program	MT-SHE-RESPIRATOR	Curriculum	2 hrs
Designated Full Face Mask Fit	MT-BEP-RSP-001V	Evaluation	Varies

CLASSROOM/LABORATORY/SIMULATOR			
<b>Course:</b> SCBA User Personnel selected to comply with 4 AWI-08.04.04 and/or specific ERO position		<b>Curriculum #:</b> MT-SHE-SCBA	
Classroom: 2 hours	Laboratory: N/A	Simulator: N/A	
<b>Lesson Plan Title</b>	<b>Item Number</b>	<b>Type</b>	<b>Total Time</b>
Qualified to M-7700 Program			



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**ATTACHMENT M**  
**ERO Qualification Matrix**

<b>Control Room</b>				
ERO Position	SRO	RO	NLO	SEC
Training Needs				
Initial Training				
Orientation	X	X	X	X
CBTs	X			
Classroom Lesson	X	X	X	X
Mentoring guide				X
Drill Participation*				X
Continuing Training				
Annual				
Drill Participation				
CBT				
Classroom Lesson	X	X	X	X
Biennial				
Drill Participation				
CBT				
Classroom Lesson				

\* Drill participation is included in position specific mentoring guides

**Training Program Description**  
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**(ATTACHMENT M)**

<b>TSC</b>						
ERO Position	ED	OGL	REC	EGL	MGL	Security Group Ldr.
Training Needs						
Initial Training						
Orientation	X	X	X	X	X	X
CBTs	X	X	X	X	X	X
Classroom Lesson	X	X	X	X	X	X
Mentoring guide	X	X	X	X		
Drill Participation*	X	X	X	X		
Continuing Training						
Annual						
Drill Participation						
CBT						
Classroom Lesson	X		X	X	X	X
Biennial						
Drill Participation						
CBT						
Classroom Lesson						

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**Training Program Description**  
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**(ATTACHMENT M)**

<b>TSC</b>						
ERO Position	MSL	CSL	SGL	Support Group	TSC Comm.	TSC Tech Comm.
Training Needs						
Initial Training						
Orientation	X	X	X	X	X	X
CBTs			X	X		
Classroom Lesson	X	X	X		X	X
Mentoring guide	X	X			X	X
Drill Participation*						
Continuing Training						
Annual						
Drill Participation						
CBT						
Classroom Lesson	X	X	X		X	X
Biennial						
Drill Participation						
CBT						
Classroom Lesson						

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**Training Program Description**  
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**(ATTACHMENT M)**

<b>TSC</b>		
ERO Position	Engineering Group	Nuclear Engineer
Training Needs		
<b>Initial Training</b>		
Orientation	X	X
CBTs		
Classroom Lesson		
Mentoring guide		X
Drill Participation*		
<b>Continuing Training</b>		
<b>Annual</b>		
Drill Participation		
CBT		
Classroom Lesson		
<b>Biennial</b>		
Drill Participation		
CBT	X	X
Classroom Lesson		

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**Training Program Description**  
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**(ATTACHMENT M)**

<b>OSC</b>						
ERO Position	OSC	Maint.	OSC	OSC	Maint.	RP
Training Needs	Coord.	Supv.	Comm.	Tech	Craft	Tech
Initial Training						
Orientation	X	X	X	X	X	X
CBTs	X					
Classroom Lesson	X	X	X	X	X	X
Mentoring guide	X		X	X		X
Drill Participation*	X					
Continuing Training						
Annual						
Drill Participation						
CBT		X‡				
Classroom Lesson	X	X‡	X	X		X
Biennial						
Drill Participation						
CBT					X	
Classroom Lesson						

\* Drill participation is included in position specific mentoring guides

‡ Complete one item NOT all of them

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**(ATTACHMENT M)**

<b>OSC</b>			
ERO Position	Chem Tech	Dose Assessor	Plant Helper
Training Needs			
Initial Training			
Orientation	X	X	X
CBTs			
Classroom Lesson	X	X	X
Mentoring guide	X	X	
Drill Participation*			
Continuing Training			
Annual			
Drill Participation			
CBT			
Classroom Lesson	X	X	
Biennial			
Drill Participation			
CBT			X
Classroom Lesson			

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**Training Program Description**  
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**(ATTACHMENT M)**

<b>EOF</b>						
ERO Position	EM	RPSS	TSS	EOF Coord.	Security Coord.	Engineering Group
<b>Training Needs</b>						
<b>Initial Training</b>						
Orientation	X	X	X	X	X	X
CBTs	X	X		X	X	
Classroom Lesson	X	X	X	X	X	
Mentoring guide	X	X	X			
Drill Participation*	X	X				
<b>Continuing Training</b>						
<b>Annual</b>						
Drill Participation						
CBT						
Classroom Lesson	X	X	X	X	X	
<b>Biennial</b>						
Drill Participation						
CBT						X
Classroom Lesson						

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**Training Program Description**  
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**(ATTACHMENT M)**

<b>EOF</b>		
ERO Position	EOF	EOF
Training Needs	Comm.	Tech Comm.
<b>Initial Training</b>		
Orientation	X	X
CBTs		
Classroom Lesson	X	X
Mentoring guide		
Drill Participation*		
<b>Continuing Training</b>		
<b>Annual</b>		
Drill Participation		
CBT		
Classroom Lesson	X	X
<b>Biennial</b>		
Drill Participation		
CBT		
Classroom Lesson		

\* Drill participation is included in position specific mentoring guides