

U.S. DEPARTMENT OF ENERGY
OFFICE/FACILITY-SPECIFIC
QUALIFICATION STANDARD

EMERGENCY MANAGEMENT PROGRAM
OFFICE



OAK RIDGE OPERATIONS OFFICE

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REVISION 0

CONCURRENCE AND APPROVAL

The DOE-Oak Ridge Operations Office (ORO) Emergency Management Program Office (EMPO) Manager is the management sponsor for this EMPO Qualification Standard. As the management sponsor, the EMPO Manager is responsible for reviewing the qualification standard to ensure that the technical content is accurate and adequate for its intended application and for ensuring that the qualification standard is maintained current. Concurrence with this qualification standard by the EMPO Manager is indicated by signature below.

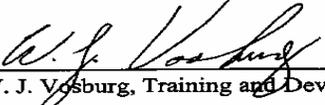
The Training and Development Division (TDD) Director coordinates implementation of the technical qualification program and assists line managers in the development of ORO office/facility-specific qualification standards. Concurrence with this qualification standard by the TDD Director is indicated by signature below.

The ORO Assistant Manager for Defense Programs (AMDP) is the approval authority for this qualification standard. Approval of this qualification standard by the AMDP is indicated by signature below.

CONCURRENCE:

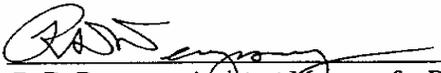


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APPROVAL:



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EMERGENCY MANAGEMENT PROGRAM OFFICE

The Emergency Management Program Office (EMPO) is a Department of Energy Oak Ridge Operations Office (ORO) organization. EMPO includes technical and administrative personnel who are assigned the responsibility to ensure the protection of the health and safety of DOE and contractor employees and the public, and to ensure the protection of government and public property and the environment. In this role, EMPO staff perform numerous tasks and activities for supporting line management's objective for the development and implementation of the ORO Emergency Management System (EMS), ensuring efficient operation of the Oak Ridge Emergency Operations Center (OREOC) and the Oak Ridge Operations Center (OROC), ensuring Radiological Assistance Program (RAP) and Radiation Emergency Assistance Center/Training Site (REAC/TS) operational readiness, managing the Office of Emergency Response National Security Program, and supporting development of regional radiological emergency preparedness. EMPO also provides guidance for and evaluation of contractor emergency management programs associated with ORO defense nuclear facilities.

PURPOSE

The EMPO Office/Facility-Specific Qualification Standard defines the qualification competencies required for carrying out the duties and responsibilities outlined above and detailed on pages 4 and 5. This standard is part of the Technical Qualification Program (TQP) required by DOE Order 360.1, Training, and supplements the department-wide General Technical Base and functional area qualification standards. It contains the competency requirements EMPO staff assigned to the Technical Qualification Program need (as a composite) in order to perform assigned activities. Documented satisfactory completion of the competencies contained in this qualification standard ensures that the EMPO staff are qualified to fulfill their duties and responsibilities.

QUALIFICATION STANDARD DEVELOPMENT

This qualification standard has been constructed using information from EMPO position descriptions, EMPO procedures, DOE and ORO orders, and interviews with EMPO staff. The format of this document follows the department-wide functional area qualification standards developed by DOE Human Resources' Office of the Technical Personnel Program Coordinator.

APPLICABILITY

This qualification standard applies to selected EMPO staff, and other Federal personnel temporarily assigned to EMPO, who provide management direction or technical oversight that could impact the safe operation of an ORO defense nuclear facility.

IMPLEMENTATION REQUIREMENTS

The competencies contained in the Standard are divided into the following categories:

1. General Technical
2. Administrative
3. Regulatory
4. Management and Assessment

Each of the categories contains one or more competency statements indicated by bold print. The competency statements define the expected capabilities that an individual must possess. Each of the competency statements is followed by a listing of supporting knowledge and/or skill statements that further amplify and describe the intent of the competency. The supporting knowledge and skill statements are not additional requirements and do not necessarily have to be fulfilled to meet the intent of the competency.

All of the competencies identify either a familiarity level, working level, or expert level of knowledge, or they require the individual to demonstrate the ability to perform a task or activity. These levels are defined as follows:

FAMILIARITY LEVEL is defined as basic knowledge of or exposure to the subject or process adequate to discuss the subject or process with individuals of greater knowledge.

WORKING LEVEL is defined as the knowledge required to monitor and assess operations/activities, to apply standards of acceptable performance, and to reference appropriate materials and/or expert advice as required to ensure the safety of Department activities.

EXPERT LEVEL is defined as a comprehensive, intensive knowledge of the subject or process sufficient to provide advice in the absence of procedural guidance.

DEMONSTRATE THE ABILITY is defined as the actual performance of a task or activity in accordance with policy, procedures, guidelines, and/or accepted industry or Department practices.

This qualification standard contains a composite of all the competencies applicable to the EMPO staff as a group who are enrolled in the TQP. No one individual is expected to be

qualified on all the competencies. The EMPO Manager assigns to each participating EMPO member the specific competencies from this qualification standard that the participant is required to complete.

Exemptions are not used in this phase of the qualification program. Only those competencies assigned by management are required to be completed. The AMDP reviews the competencies selected for the EMPO Manager to complete.

Equivalencies may be granted for individual competencies based upon an objective evaluation of the employee's prior education, training, and/or experience. Documentation of equivalencies shall indicate how the competency requirements have been met. The supporting knowledge and skill statements should be considered when evaluating an employee's ability with respect to each competency requirement.

Competencies can be achieved in numerous ways including on-the-job training; formal training and education courses, on and off the job; self-study; rotational assignments; mentoring; etc. Classroom instruction, computer-based training, interactive television broadcasts, and self-study guides are available to individuals preparing to meet competencies in their qualification standards. Training courses used to acquire needed competencies should be selected with care so as to best satisfy the competencies.

DOE orders are frequently referenced as standards for competencies. Individuals assigned such competencies and those evaluating the performance must be aware that many DOE orders in the directive system are being deleted, consolidated, or phased out. When DOE orders and other documents are referenced in the qualification standard, the most recent approved revision should be used for study and evaluation.

TQP participants use this qualification standard in conjunction with their Technical Qualification Records to document implementation and completion of the office/facility-specific qualification requirements. Documented completion of the requirements of this qualification standard will be included in the employee's training record.

DUTIES AND RESPONSIBILITIES

The following duties and responsibilities may be assigned to EMPO staff whose position requires them to provide management direction or oversight that could impact the safe operation of a defense nuclear facility and who provide technical support to line management for review and assessment of management and operating (M&O) contractor programs.

1. Manage and maintain the OR Emergency Operations Center (OREOC) and the Oak Ridge Operations Center (OROC) in operational states of readiness.
2. Manage the Radiation Emergency Assistance Center/Training Site (REAC/TS) ensuring REAC/TS is maintained in an operational state of readiness.
3. Manage the DOE Region 2 Radiological Assistance Program (RAP) and support the Regional Assistance Committees and Regional Response Teams in DOE RAP Region 2.
4. Manage the Office of Emergency Response National Security Program.
5. Ensure fulfillment of ORO obligations with respect to implementation of the National Contingency Plan (regarding unplanned releases of hazardous materials).
6. Coordinate and integrate emergency plans and procedures between DOE-ORO, contractors, and state and local governments (e.g., emergency preparedness portion of the Tennessee Oversight Agreement).
7. Manage the development and implementation of training, including the emergency drill and exercise program and cadre refresher training, necessary to support implementation of ORO's emergency plans and procedures and ensure the required level of readiness is achieved and maintained.
8. Serve as the ORO Office member of the HQ Emergency Management Advisory Committee.
9. Serve as a member of the ORO Emergency Cadre in the positions of Regional Response Coordinator in support of the ORO Radiological Assistance Program and Emergency Operations Center Director.
10. Oversee all assigned emergency management program activities and serve as the Contracting Officer's Representative (COR) and/or Contract Technical Monitor (CTM) for technical direction to the contractor(s) providing mission support and support services to the Emergency Management Program Office.

11. Work with the Site Offices to evaluate ORO and ORO contractor emergency management systems and contractor performance to determine the degree of compliance with applicable requirements and best management practice and develop recommendations for program improvement.
12. Prepare and submit Emergency Management Program Office annual budget.
13. Participate in Operational Readiness Reviews (ORRs) in accordance with DOE Order 5480.31, *Startup and Restart of Nuclear Facilities*, as applicable/requested.

REQUIRED COMPETENCIES

The competencies contained in this qualification standard are distinct from those competencies contained in the General Technical Base Qualification Standard and the series of department-wide functional area qualification standards. Participating individuals must complete the competency requirements of the General Technical Base Qualification Standard and a primary functional area qualification standard prior to or in parallel with the completion of assigned competency requirements in this qualification standard.

Participating EMPO staff should complete training associated with the topics listed below as co-requisites to the requirements of this qualification standard. Most ORO sites have training requirements on these topics in order to access facilities to work. The specific training courses required for EMPO staff should be identified in Individual Development Plans.

- General Employee Training
- Radiation Worker I Training
- Security Refresher Training
- Hazardous Waste Training for Emergency Operations

EVALUATION REQUIREMENTS

The evaluation process identified below serves as a measurement tool for assessing whether or not the participants have acquired the technical competencies in this qualification standard. The following requirements apply to the completion of this qualification standard.

Verifying and documenting that the competencies have been met may be accomplished by the EMPO Manager, or by a subject matter expert (SME) designated by the EMPO Manager. Any of the following methods may be used to evaluate incumbent competency. Each evaluation method is required to be documented.

- Formal education (college courses and academic degrees)
- Training (DOE, DOE contractor, other agency, vendor)
- DOE experience/on-the-job training
- Equivalencies for prior experience, education, and training

- Documented oral evaluation
- Documented observation of performance
- Written examination (including test out)

The EMPO Manager or SME performing the verification must provide some level of evaluation to confirm the participant's level of understanding when self study of DOE orders, Federal and state/local regulations, procedures, or required reading is used to satisfy a competency. In all cases the evaluation is documented by signature on the participant's Technical Qualification Record.

CONTINUING TRAINING AND PROFICIENCY REQUIREMENTS

Requalification on the competencies contained in this qualification standard is not required. EMPO staff should participate in continuing learning activities in order to maintain and improve previously acquired knowledge and skills and to acquire new knowledge and skills where necessary. Continuing training and education to maintain technical proficiency includes the following elements:

1. Technical education and/or training on topics directly related to EMPO duties and responsibilities.
2. Training on topics that address an individual's knowledge and/or skill deficiencies.
3. Training in areas added to the qualification standard since initial qualification.

Competencies added to the qualification standard are documented in the Technical Qualification Record and are addressed like other qualification standard competencies. Specific continuing training or education needs should be documented in Individual Development Plans.

1.0 GENERAL TECHNICAL COMPETENCIES

- 1.1 Emergency Management Program Office personnel shall demonstrate a familiarity level knowledge of the basic operations and processes for DOE-Oak Ridge defense nuclear facilities.

Supporting Knowledge and/or Skills

- a. Discuss the primary mission(s) of ORO defense nuclear facilities (e.g., Y-12, ORNL Building 3019, K-25, Paducah and Portsmouth Gaseous Diffusion Plants).
- b. Describe the key operations\processes performed at ORO defense nuclear facilities.
- c. Discuss the major nuclear safety risks to workers and the public resulting from operations at ORO defense nuclear facilities.
- d. Identify the major non-nuclear hazards associated with ORO defense nuclear facility operations.

- 1.2 Emergency Management Program Office personnel shall demonstrate a familiarity level knowledge of the engineered radiological controls and design criteria for ORO facilities.

Supporting Knowledge and/or Skills

- a. Discuss the radiological protection considerations in layout design for selected nuclear facility (ies).
- b. Discuss the radiological protection considerations in the design and selection of components for selected nuclear facility(ies).
- c. Discuss the concerns associated with the selection of materials and associated finishes for components used in radiological controlled areas.
- d. Discuss the differences and associated applications between permanent and temporary engineered radiological controls.

- 1.3 Emergency Management Program Office personnel shall demonstrate a familiarity level knowledge of safety precautions and hazards associated with chemicals, compounds, and compressed gases used at ORO facilities.

Supporting Knowledge and/or Skills

- a. Discuss the hazards associated with the use of corrosives (acids and alkalies).
- b. Describe the general safety precautions necessary for the handling, storage, and disposal of corrosives. Include use and donning of applicable protective clothing.
- c. Discuss the general safety precautions for toxic compounds used in ORO facilities.
- d. Discuss the safety precautions for working with cryogenic liquids.
- e. Describe the general safety precautions regarding the use, handling, and storage of flammable and combustible materials and explain why these precautions are necessary.
- f. Describe the requirements for safe storage and use of the following compressed gases (include flammability and cryogenic considerations):
 - Oxygen
 - Acetylene
 - Hydrogen
 - Nitrogen
 - Halon
 - Argon
- g. Given the support documentation or reference of specific chemicals, discuss their compatibility and any potential hazards associated with mixing.

- 1.4 Emergency Management Program Office personnel shall demonstrate a familiarity level knowledge of the principles and concepts of natural phenomena hazards and their effect on ORO facilities and processing systems.

Supporting Knowledge and/or Skills

- a. Discuss the potential impact on processing systems at defense nuclear facilities from the following natural hazards:
 - Flooding
 - Wind
 - Tornado
 - Earthquake and/or other seismic events

- Fire
 - Lighting
- b. Briefly describe the safety measures and design features commonly used as safeguards against natural hazards.
- 1.5 Emergency Management Program Office personnel shall demonstrate a working level knowledge of the components and scope of a building protection and emergency notification system.

Supporting Knowledge and/or Skills

- a. Describe the use and function of the following building protection and emergency notification system components:
- Building alarm
 - Public address system
 - Sprinkler system
 - Fire doors
 - Emergency instruction placards
- b. Explain the function and composition of the Facility Emergency Organization (FEO).
- c. Describe the duties and responsibilities of a FEO evacuation monitor.
- d. State, and explain the reason for, the actions to be taken by building occupants during the following emergency actions:
- Evacuation
 - Sheltering

- 1.6 Emergency Management Program Office personnel shall demonstrate a familiarity level knowledge of DOE Order 5480.24, Nuclear Criticality Safety, with respect to its impact on ORO nuclear safety.

Supporting Knowledge and/or Skills

- a. Discuss the purpose and policy associated with DOE Order 5480.24, Nuclear Criticality Safety.
 - b. Define the following terms associated with criticality safety:
 - Criticality incident
 - Double contingency principle
 - Geometry control
 - Nuclear criticality safety
 - Significant quantity of fissionable material
 - Temporary exemption
 - c. Discuss the M&O contractor responsibilities for the following in relation to criticality safety activities:
 - Criticality safety evaluations
 - Monitoring
 - Surveillance
 - Transportation
 - Storage
- 1.7 Emergency Management Program Office personnel shall demonstrate a working level knowledge of information security systems.

Supporting Knowledge and/or Skills

- a. Describe the categories and levels of information security classification.
- b. Explain the function of the following information security programs:
 - Classified Matter Protection Control
 - Operations security
 - Technical surveillance countermeasures
 - Violations of laws, losses, and incidents of security concerns
 - Automated information systems security
 - Sensitive unclassified information
 - Sensitive compartmented information facilities and foreign intelligence information
 - Special access programs

- c. Discuss the procedures and requirements for handling classified and UCNI information necessary to ensure that such information is properly handled during emergency events.

1.8 Emergency Management Program Office personnel shall demonstrate a working level knowledge of methods to determine EMPO training needs and develop and implement appropriate lessons.

Supporting Knowledge and/or Skills

- a. Discuss the method for gathering information to be included in the training. Include in this discussion the emergency management documents that mandate training.
- b. Write a learning objective and describe the function of each part of the objective (e.g., per DOE's good practices to writing learning objectives).
- c. Explain the relationship between training needs, learning objectives, and test items.
- d. Discuss the considerations for determining the appropriate training setting for lesson material.
- e. Discuss several instructional techniques/methods used to involve and motivate students in the learning process.
- f. Describe the essential segments and information that should be included in a lesson plan for the following settings:
 - Classroom
 - Laboratory
 - Self-study
 - Simulators/drills
- g. Discuss the methods for evaluating the effectiveness of the training material and how this information can be used to improve future training material development/ revision.

- 1.9 Emergency Management Program Office personnel shall demonstrate a working level knowledge of the hazardous materials stored at Defense Nuclear Facilities on the ORR and that may affect the offsite area.

Supporting Knowledge and/or Skills

- a. Discuss the current SARA Title III, Section 312, inventory reports of hazardous chemicals for each ORO site.
- b. Review and summarize the contents of a copy of the Phase I hazard screening reports from the Safety Analysis Report Upgrading Program for each OR facility, where the quantity of hazardous material(s) on hand exceeds the screening thresholds as specified in the DOE Emergency Management Guide, Guidance for a Hazards Assessment Methodology.
- c. Review and assess the hazard assessment documents, including the consequences assessment portion of the Radiological/Toxicological Sabotage Assessments, SARs, etc.
- d. Review and assess current hazards assessments and discuss any changes to or updates of the previously mentioned documents.

2.0 ADMINISTRATIVE COMPETENCIES

- 2.1 Emergency Management Program Office personnel shall demonstrate a familiarity level knowledge of the Emergency Management Network (EMNET).

Supporting Knowledge and/or Skills

- a. Describe the overall project management, systems integration, configuration management, and acquisition/procurement activities for EMNET.
- b. Describe measures taken for the following items:
 - Maintaining EMNET terminals and trained operators on a 24-hour basis in EOCs and/or Shift Superintendent's offices
 - Maintaining and updating the emergency information, mapping, and dispersion modeling databases contained in EMNET
 - Maintaining EMNET telecommunications links from DOE ORO to the point-of-presence in the TEMA EOCs at Nashville and Alcoa
 - Maintaining the ORR EMNET computer facility, the System Description Document, and Life Cycle Management Plan
- c. Review the operational readiness program for the ORR segment of EMNET, to include preventative equipment maintenance, monthly operational system tests, and associated records.
- d. Describe the training provided for dedicated EMNET personnel on EMNET application software products and the EMNET operating system.

- 2.2 Emergency Management Program Office personnel shall demonstrate an expert level knowledge of the DOE Region 2 Radiological Assistance Program.

Supporting Knowledge and/or Skills

- a. Serve as ORO RAP Team Leader during a nuclear facility exercise or an actual response.
- b. Explain the scope and mission of the Radiological Assistance Program and the relevance of the following to the program:
 - RAP Policy and Program Guidance
 - Regional RAP Management Plan
 - Regional RAP Response Plan
- c. Explain in detail the duties and responsibilities of the Regional Response Coordinator and RAP Team Leader.

- d. Identify the relative geographic location of DOE regions for RAP.

- 2.3 Emergency Management Program Office personnel shall demonstrate an expert level knowledge of required emergency response system responses to an operational emergency at ORO contractor-operated facilities.

Supporting Knowledge and/or Skills

- a. Coordinate the development of the ORO emergency management concept of operations, including interfaces with contractors, affected states, ORO, and HQ.
- b. Review and assess the ORO Emergency Plan for Operational Emergencies at Contractor-Operated Facilities and implementing applicable procedures/checklists.
- c. Explain in detail the ORO and contractor emergency cadre training plans.

- 2.4 Emergency Management Program Office personnel shall demonstrate expert level knowledge of the ORO Drill and Exercise Program.

Supporting Knowledge and/or Skills

- a. Define ORO objectives for each planned annual drill/exercise in which ORO is anticipated to participate.
- b. Evaluate and explain how ORO drill/exercise performance deficiencies and corrective actions are tracked.
- c. Describe the function and scope of the ORO Master Drill/Exercise Schedule.
- d. Discuss the methods for tracking ORO Emergency Cadre drill/exercise participation.
- e. Describe the duties and responsibilities of the ORO liaison to the HQ Office of Emergency Management with regard to HQ evaluation of ORO and contractor exercise performance and for coordination of HQ participation in ORO exercises.
- f. Justify the scope, purpose, and frequency of training, drills, and exercises for EMPO programs.

3.0 REGULATORY COMPETENCIES

3.1 Emergency Management Program Office personnel shall demonstrate a familiarity level knowledge of emerging issues within DOE.

Supporting Knowledge and/or Skills

- a. Describe safety management initiatives resulting from DNFSB Recommendation 95-2, Safety Management.
- b. Discuss the Price-Anderson Amendments Act and its effect on DOE and its contractors.
- c. Discuss the Work Smart Standards approach as it relates to compliance.
- d. Discuss ORO's use of the Standards/Requirements Identification Documents (S/RIDs).

3.2 Emergency Management Program Office personnel shall demonstrate an expert level knowledge of the requirements and processes identified in:

- DOE Order 151.1, Comprehensive Emergency Management System
- ORO Order 150, Emergency Management and Planning

Supporting Knowledge and/or Skills

- a. Describe the objectives and responsibilities established in the above listed orders.
- b. Explain the definition and scope of the following terms:
 - Emergency planning
 - Emergency preparedness
 - Emergency response
 - Recovery
 - Readiness assurance
 - Hazardous materials
 - Operational emergency
- c. Explain how the graded approach is applied the development of the emergency management program and the criteria ORO uses for the process.

- d. Outline and explain the sequence of events, including actions by ORO, Headquarters, and local groups, in response to the following conditions:
 - Operational emergency response
 - Energy emergency response
 - Emergency assistance response
 - e. Demonstrate how the Headquarters Emergency Management Team interfaces with the ORO Emergency Management Team in emergency circumstances
 - f. Describe the composition and function of the Technical Operations Cadre.
 - g. Review and assess EMPOs consideration and inclusion of the following types of agency requirements as they relate to the ORO Operational Emergency Base Program:
 - Occupational Safety and Health Administration
 - National Fire Protection Agency
 - Code of Federal Regulations
 - Environmental Protection Agency
 - h. Explain the scope and process of evaluating for radiological/toxicological sabotage vulnerabilities.
- 3.3 Emergency Management Program Office personnel shall demonstrate a familiarity level knowledge of DOE Order 5480.28, Natural Phenomena Hazards Mitigation.

Supporting Knowledge and/or Skills

- a. Describe the purpose, scope, and application of the requirements detailed in the order. Include in this discussion the key terms, essential elements, and personnel responsibilities and authorities.
- b. Discuss the graded approach process that ORO line management uses to determine an appropriate level for a safety margin for the facilities. Include in this discussion the factors that may influence the level of coverage.
- c. Review contractor compliance with the order as it applies to contract design requirements and process activities at ORO nuclear facilities.

- 3.4 Emergency Management Program Office personnel shall demonstrate a familiarity level knowledge of transportation and safety requirements for radioactive and hazardous material in the following DOE orders:
- DOE Order 1540.2, Hazardous Material Packaging for Transport - Administrative Procedure
 - DOE Order 1540.3A, Base Technology for Radioactive Material Transportation Packaging Systems
 - DOE Order 5480.3, Safety Requirements for the Packaging and Transportation of Hazardous Materials, Hazardous Substances, and Hazardous Wastes

Supporting Knowledge and/or Skills

- a. Discuss the purpose and scope of the orders listed above.
- b. Discuss the applicability and impact of the orders listed above on ORO defense nuclear facilities.
- c. Describe the authorities and responsibilities of Emergency Management Programs Office personnel with respect to the orders listed above.

4.0 MANAGEMENT AND ASSESSMENT COMPETENCIES

4.1 Emergency Management Program Office personnel shall demonstrate a working level knowledge of the National Security Program/DP-23.

Supporting Knowledge and/or Skills

- a. Define the purpose and scope of the National Security Program/DP-23 and the role of ORO in the program.
- b. Identify the federal departments involved in the implementation of the program and their respective responsibilities for achieving implementation.
- c. Identify the type of resources that may be required by EMPO to support ORO counter terrorism training and readiness programs.
- d. Describe the responsibilities of the ORO counter terrorism liaison to DOD and FBI/HQ.
- e. Describe the variables that must be accounted for in the operations planning, logistics, and mission analysis for the National Security Program/DP-23.
- f. Discuss the function(s) of the Nuclear Emergency Response Team (NEST).

4.2 Emergency Management Program Office personnel shall demonstrate an expert level knowledge of the Tennessee Oversight Agreement.

Supporting Knowledge and/or Skills

- a. Describe in detail the purpose and scope of the Tennessee Oversight Agreement.
- b. Explain the purpose, responsibilities, and implementation for each of the Emergency Management/AIP grants provided for in the agreement.
- c. Discuss the steps taken to strengthen the coordination among the emergency response organizations within the Oak Ridge Reservation (ORR) and the counties and local governments in planning for and responding to incidents that may occur at the ORR, including incidents that may have offsite impacts.
- d. Assess the current program plans developed by Tennessee Emergency Management Agency (TEMA) that identify the major activities and expected accomplishments.

- e. Discuss the steps taken by TEMA for the development of the state and local government offsite response program for addressing incidents that may occur at the ORR sites.

- f. Review and assess the TEMA multi jurisdictional plan(s) for the ORR facilities with the potential for events that might cause offsite effects. Include EMPO responsibilities for the following items:
 - Hazards assessment studies
 - Public information programs
 - Local emergency planning committee programs
 - Needs analysis of planning, training/exercise, public information, communications and warning, and population protection measures for incidents at ORR sites

- g. Explain in detail the emergency communications capabilities for notification, emergency response, and information distribution relating to ORR emergencies.