

U.S. Department of Homeland Security
FEMA Region I
99 High St., 5th Floor
Boston, MA 02110-2320



FEMA

August 16, 2011

NRC Headquarters Document Control Desk
US Nuclear Regulatory Commission
Washington, DC 20555-0001

Dear Madam/Sir:

Enclosed find a copy of the Final Report for the Norwich Host Community Reception Center Exercise that was conducted on July 16, 2011.

The State of Connecticut and Local Emergency Response Organizations successfully demonstrated their capabilities to implement their off-site radiological emergency response plans and procedures based on the evaluation of this exercise by the a team of Federal evaluators with final determinations made by the Regional Assistance Committee (RAC) Chairperson. There are no deficiencies, and there are no Areas Requiring Corrective Action as a result of this exercise.

State and local preparedness remains adequate to protect the health and safety of the public living in the vicinity of the Millstone Nuclear Power Station and provides reasonable assurance that appropriate measures can be taken off-site in the event of a radiological emergency.

If you have any questions regarding this matter, please contact Helen LaForge, Millstone Site Specialist, of my staff at (617) 956-7584.

Sincerely,

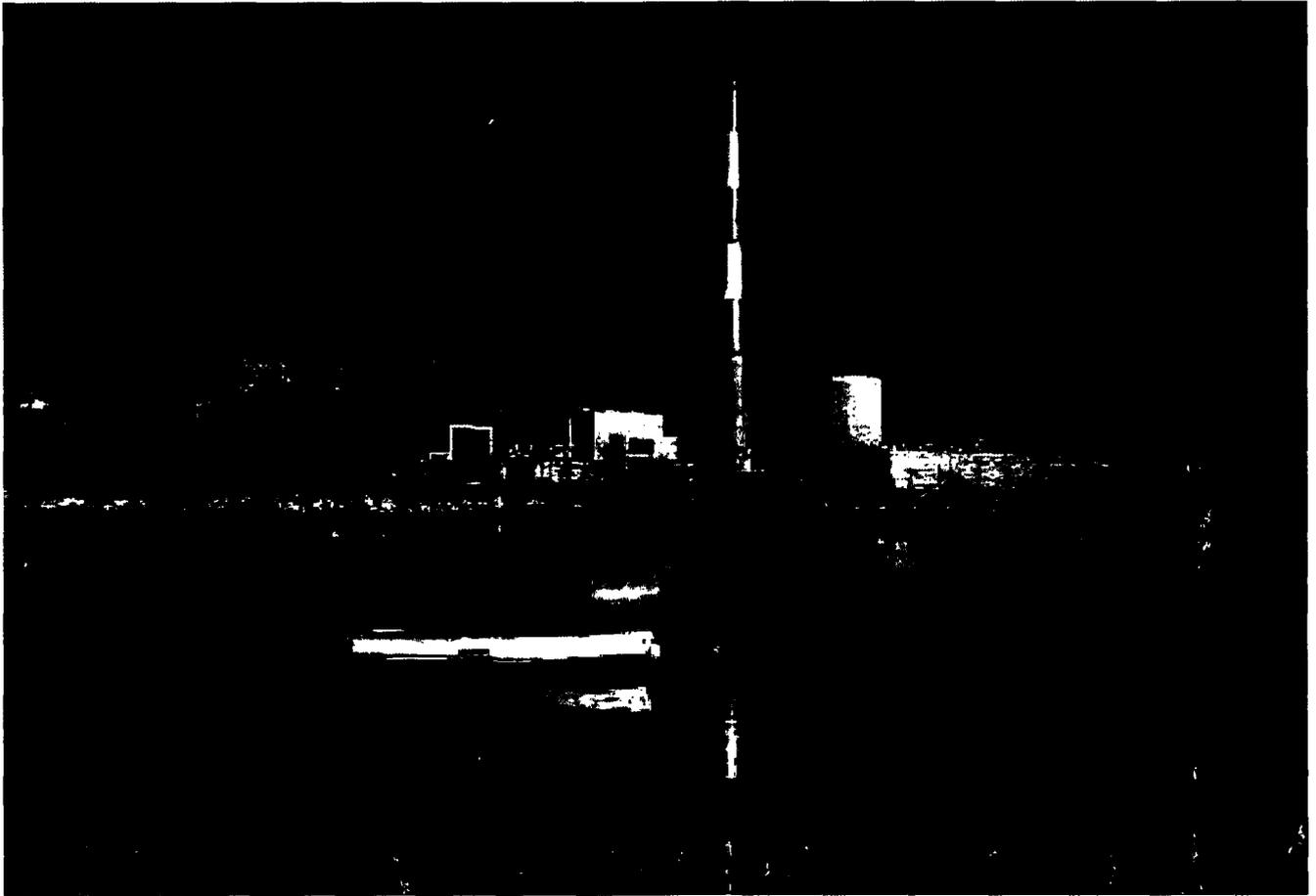
A handwritten signature in black ink that reads "Steve Colman".

Steve Colman
Regional Assistance Committee Chair

Enclosure

cc: NRC HQ REP Branch Chief
NRC HQ REP Project Officer

AXYS
NRC



Millstone Power Station

Norwich Host Community Reception Center Exercise

Exercise Date: July 16, 2011

Final Report: August 16, 2011

Radiological Emergency Preparedness Program



FEMA

Region I

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FEMA

Exercise Report

Millstone Power Station

Licensee: Dominion Nuclear Connecticut, Inc.

Exercise Date: July 16, 2011

Report Date: August 16, 2011

U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
RADIOLOGICAL EMERGENCY PREPAREDNESS
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TABLE OF CONTENTS

PAGE

I. EXECUTIVE SUMMARY..... 1

II. INTRODUCTION..... 2

III. EXERCISE EVALUATION AND RESULTS 4

List of Appendices

APPENDIX 1 – EXERCISE EVALUATORS 7

APPENDIX 2 – EXTENT OF PLAY 8

APPENDIX 3 – EXERCISE SCENARIO 23

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I. EXECUTIVE SUMMARY

On July 16, 2011, the Federal Emergency Management Agency (FEMA), Region I, conducted a Host Community Reception Center Exercise in Norwich, Connecticut. This exercise was conducted at the Host Community Reception Center at the Norwich State Technical High School. The exercise began at the Norwich Police Dispatch, continued at the Norwich Host Community Emergency Operation Center, and then at the Norwich Reception Center.

The purpose of this exercise was to assess the capability of the Norwich Host Community, Emergency Management Response Organizations, Fire Department Personnel, and Volunteers to respond to a radiological incident involving the Millstone Power Station. The exercise was held in accordance with FEMA's policies and guidance concerning the exercise of State and Local Radiological Emergency Response Plans (RERP) and procedures.

FEMA wishes to acknowledge the efforts of the many individuals who participated in this exercise. Protecting the public health and safety is the full-time job of some of the exercise participants and an additional assigned responsibility for others. Still others have willingly sought this responsibility by volunteering to provide vital emergency services to their communities. Cooperation and teamwork of all the participants was evident during this exercise.

This report contains the final evaluation of the Norwich Host Community Emergency Operation Center and Reception Center Exercise.

The Norwich Host Community, Emergency Management Response Organizations, Fire Department Personnel, and Volunteers successfully demonstrated their knowledge to implement their emergency response plans and procedures. There are no deficiencies. There are no Areas Requiring Corrective Action.

II. INTRODUCTION

On December 7, 1979, the President directed FEMA to assume the lead responsibility for all offsite nuclear planning and response. FEMA's activities are conducted pursuant to 44 Code of Federal Regulations (CFR) Parts 350, 351, and 352. These regulations are a key element in the Radiological Emergency Preparedness (REP) Program that was established following the Three Mile Island Nuclear Station accident in March 1979.

FEMA Rule 44 CFR 350 establishes the policies and procedures for FEMA's initial and continued approval of State and local governments' radiological emergency planning and preparedness for commercial nuclear power plants. This approval is contingent, in part, on State and local government participation in joint exercises with licensees.

FEMA's responsibilities in radiological emergency planning for fixed nuclear facilities include the following:

- Taking the lead in the review and evaluation of RERPs and procedures developed by State and local governments;
- Determining whether such plans and procedures can be implemented on the basis of observation and evaluation of exercises of the plans and procedures conducted by State and local governments;
- Responding to requests by the U.S. Nuclear Regulatory Commission (NRC) pursuant to the Memorandum of Understanding between the NRC and FEMA dated June 17, 1993 (Federal Register, Vol. 58, No. 176, September 14, 1993); and
- Coordinating the activities of Federal agencies with responsibilities in the radiological emergency planning process:

- U.S. Department of Commerce
- U.S. Nuclear Regulatory Commission
- U.S. Environmental Protection Agency
- U.S. Department of Energy
- U.S. Department of Health and Human Services
- U.S. Center for Disease Control
- U.S. Department of Transportation
- U.S. Department of Agriculture
- U.S. Department of the Interior
- U.S. Food and Drug Administration

Representatives of these agencies serve on the FEMA Region I Regional Assistance Committee (RAC), which is chaired by FEMA.

Formal submission of the RERPs for the Millstone Power Station to FEMA Region I by the State of Connecticut and involved local jurisdictions occurred in 1982. Formal approval of the RERP was granted by FEMA in October 1984, under 44 CFR 350.

The findings presented in this report are based on the evaluations of the federal evaluator team, with final determinations made by the FEMA Region I RAC Chairperson.

The criteria utilized in the FEMA evaluation process are contained in

- NUREG-0654/FEMA-REP-1, Rev. 1, "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," November 1980;
- 67 FR 20580, "FEMA Radiological Emergency Preparedness: Exercise Evaluation Methodology," September 12, 2001 and amended April 25, 2002.

Section III of this report, entitled "Exercise Evaluation and Results," presents detailed information on the demonstration of applicable exercise objectives at each jurisdiction or functional entity evaluated in a jurisdiction-based format.

III. EXERCISE EVALUATION AND RESULTS

Participating Agencies

City of Norwich (Human Services, Education, Public Utilities, Public Works)
Norwich City Manager
Norwich Office of Emergency Management
East Great Plain Fire Department
Laurel Hill Fire Department
Occum Fire Department
Taftville Fire Department
Yantic Fire Department
Norwich Police Department
Uncas Health District
American Ambulance Service, Inc.
Norwich Technical High School
Norwich Community Emergency Response Team (CERT)
American Red Cross, Connecticut Chapter, Area 4
CT Department of Emergency Services & Public Protection, Division of Emergency Management
& Homeland Security
CT Department of Energy & Environmental Protection, Radiation Division
CT Disaster Behavioral Health Response Network
CT Department of Developmental Services
Dominion Millstone Emergency Preparedness
Individual Volunteers from Connecticut Towns
Federal Emergency Management Agency

Contained in this section are the results and findings of the evaluation of the Norwich Host Community Reception Center Exercise that was conducted on July 16, 2011. The purpose of the Exercise was to test the capabilities of the reception center staff and the adequacy of the Host Community's Plan to be able to respond to an incident involving the Millstone Power Station.

The following is the status of functional entities evaluated at the Norwich Host Community Emergency Operation Center and Norwich Host Community Reception Center. Please note: although both facilities were new, staff operated as though there was no change in facility. They were all very focused on the job at hand.

A. Norwich Host Community Emergency Operation Center

This successful exercise began at the 9-1-1 Emergency Dispatch where the initial exercise telephone call was received and immediately communicated the Norwich Emergency Management Director. Norwich Host Community staff were notified to report to the Norwich Emergency Operation Center (EOC). The Norwich EOC staff arrived without delay to the Norwich Emergency Operation Center where leadership was evident by the Norwich Emergency Management Director and Norwich Community Officials. Direction and control was maintained exceptionally well by the Norwich

Emergency Management Director. All EOC sections gave status updates on a regular basis and as new information came in. When the decision was given by the State to activate the Reception Center staff, this was met immediately with clear communication from the Norwich EOC.

The Norwich EOC staff demonstrated their knowledge and referred to plans and procedures to ensure all was in accordance to the Host Community Reception Center Plans and Procedures. This is truly a model EOC.

- a. **MET: 1.a.1, 1.b.1, 1.c.1, 1.d.1, 1.e.1**
- b. **DEFICIENCY: NONE**
- c. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- d. **NOT DEMONSTRATED: NONE**
- e. **PRIOR ARCAs RESOLVED: NONE**
- f. **PRIOR ARCAs UNRESOLVED: NONE**

B. Norwich Host Community Reception Center

The Incident Commander and the Reception Center Manager at the Norwich Host Community Reception Center both demonstrated excellent direction and control with excellent communication skills with all Reception Center staff. The initial briefing by the Incident Commander was thorough, setting the stage for a great start. The Reception Center Manager demonstrated excellent management skills throughout the Reception Center and continued throughout the entire exercise. Excellent leadership.

Each and every member of the Reception Center staff was very knowledgeable and engaged in their position responsibilities. They successfully demonstrated knowledge of their plans and procedures. The staff was made up of various emergency response entities and volunteer organizations; they worked together exceptionally well and demonstrated excellent teamwork. ALL staff were very proactive at each task at hand throughout the exercise. This was a truly successful Reception Center operation.

- a. **MET: 1.a.1, 1.b.1, 1.c.1, 1.d.1, 1.e.1, 3.a.1, 3.b.1, 3.d.1, 6.a.1, 6.b.1, 6.c.1**
- b. **DEFICIENCY: NONE**
- g. **AREAS REQUIRING CORRECTIVE ACTION: NONE**
- h. **NOT DEMONSTRATED: NONE**
- i. **PRIOR ARCAs RESOLVED: NONE**

j. PRIOR ARCAs UNRESOLVED: NONE

PLANNING ISSUE NO.: 38-11-1.e.1-P-1

CRITERION: Equipment and supplies to support operations. Equipment, maps, displays, dosimetry, potassium iodide (KI), and other supplies are sufficient to support emergency operations. (NUREG-0654, H., J.10.a. b. e. f. j. k., 11, K.3.a.)

CONDITION: Two evacuees came into the Reception Center (RC) by way of the Reception Center rear exit door.

POSSIBLE CAUSE: No signage on the outside of the exit door. The person manning the door stepped away (which could happen in real life situation.)

REFERENCE: HCP-5.2, Rev 5/11, Attachment 3, Figure 9; NUREG-0654, H., J.10.a. b. e. f. j. k., 11, K.3.a.)

EFFECT: Without proper signage, evacuees could inadvertently cause contamination of a clean area.

CORRECTIVE ACTION DEMONSTRATED: Through the direction of the RC Manager, the two evacuees were instructed to stop in place; they followed instructions perfectly. ARC emergency worker was instructed to mop the floor with a maslin covered mop where the two evacuees had walked as a precaution. The radiological officer was instructed to scan the evacuees for radiological contamination. There was no contamination found. All was successfully demonstrated by the RC emergency workers. Immediately following the exercise, an independent initiative was taken to create the additional signage and it has since been added to the HC RC supply kit.

APPENDIX 1

Norwich Host Community Evaluator Matrix

EVALUATION LOCATION	OBSERVER/ EVALUATOR	AREA	CRITERION
Norwich HC EOC	Helen LaForge	Mobilization, Facilities, Communications, Direction & Control, Equipment & Supplies	1.a.1, 1.b.1, 1.c.1, 1.d.1, 1.e.1
Norwich Reception Center (RC)	Helen LaForge Brian Kennedy (OJT)	Mobilization, Facilities, Communications, Direction & Control, Equipment & Supplies	1.a.1, 1.b.1, 1.c.1, 1.d.1, 1.e.1
Norwich RC	Don Carlton	Dosimetry Issue & Briefing; Emergency Worker Dosimeter	3.a.1, 6.a.1
Norwich RC	Bob Swartz	Portal Monitoring	6.a.1
	Don Carlton	Secondary Monitoring	6.a.1
Norwich RC	Pat Foster Don Carlton	Evacuee Monitoring and Decontamination (female/male respectively)	3.a.1, 6.a.1
Norwich RC	Melissa Savilonis	Evacuee Registration	6.a.1
Norwich RC	Melissa Savilonis	Implement KI Decision	3.b.1
Norwich RC	Barbara Thomas	Traffic Control Around Reception Area; Vehicle Monitoring and Decontamination	3.d.1 6.b.1
Norwich Congregate Care Facilities	Helen LaForge	Temporary Care of Evacuees	6.c.1

APPENDIX 2

Extent of Play State of Connecticut & Millstone Station Norwich Host Community

Evaluation Area 1 – Emergency Operations Management
Sub-element 1.a.1. Mobilization.

Criterion 1.a.1: Off-site Response organization use effective procedures to alert, notify, and mobilize emergency personnel and activate facilities in a timely manner. (NUREG-0654, A.4., D.3., 4., E.1., 2., H.4)

Intent

This sub-element is derived from NUREG-0654 which provides that OROs should have the capability to alert, notify, and mobilize emergency personnel and to activate and staff emergency facilities.

EXTENT OF PLAY – GENERAL

Responsible OROs should demonstrate the capability to receive notification of an emergency situation from the licensee, verify the notification, and contact, alert, and mobilize key emergency personnel in a timely manner. In addition, responsible OROs should demonstrate the activation of facilities for immediate use by mobilized personnel when they arrive to begin emergency operations. Activation of facilities should be completed in accordance with the plan and/or procedures. Pre-positioning of emergency personnel is appropriate, in accordance with the extent of play agreement, at those facilities located beyond a normal commuting distance from the individual's duty location or residence. Further, pre-positioning of staff for an out-of-sequence demonstration is appropriate in accordance with the extent of play agreement.

All activities must be based on the ORO's plans and procedures, and completed as they would be in an actual emergency, unless noted above or otherwise indicated in the extent of play agreement.

EXTENT OF PLAY – SPECIFIC

1. The Norwich Host Community will be mobilized by phone call or controller message from the State Region 4 Coordinator via 9-1-1 Emergency Dispatch to the Norwich Emergency Management Director.
2. Turnover between the EOC and the Reception Center will be demonstrated.
3. Activation of congregate care facilities will be simulated.
4. Fire Department personnel may be prepositioned at a nearby location.
5. Additional responders from outside the immediate area, to include American Red Cross, may be prepositioned at a nearby location.

Areas Requiring Corrective Action (ARCA)

NONE

Evaluation Area 1 – Emergency Operations Management
Sub-element 1.b.1. Facilities.

Criterion 1.b.1: Facilities are sufficient to support the emergency response. (NUREG-0654, H)

Intent

This sub-element is derived from NUREG-0654, which provides that OROs should have facilities to support emergency response.

EXTENT OF PLAY - GENERAL

Facilities will only be specifically evaluated for this criterion if they are new or have substantial changes in structure or mission. Responsible OROs should demonstrate the availability of facilities that support the accomplishment of emergency operations. Some of the areas to be considered are: adequate space, furnishings, lighting, restrooms, ventilation, backup power and/or alternate facility (if required to support operations).

All activities must be based on the ORO's plans and procedures, and completed as they would be in an actual emergency, unless noted above or otherwise indicated in the extent of play agreement.

EXTENT OF PLAY - SPECIFIC

1. The Norwich EOC is a new facility and will be evaluated.
2. Norwich State Technical High School has not been used as a Reception Center in the past and will be evaluated.

Areas Requiring Corrective Action (ARCA)

NONE

Evaluation Area 1 – Emergency Operations Management
Sub-element 1.c.1. Direction and Control.

Criterion 1.c.1: Key personnel with leadership roles for the Off-Site Response Organization provide direction and control to that part of the overall response effort for which they are responsible. (NUREG-0654, A.1.d., 2.a., b.)

Intent

This sub-element is derived from NUREG-0654, which provides that the ORO have the capability to control their overall response to an emergency.

EXTENT OF PLAY – GENERAL

Leadership personnel should demonstrate the ability to carry out essential functions of the response effort, for example; keeping the staff informed through periodic briefings and/or other means, coordinating with other appropriate OROs and ensuring completion of requirements and requests.

All activities associated with direction and control must be performed based on the ORO's plans and procedures and completed, as they would be in an actual emergency, unless noted above or otherwise indicated in the extent of play agreement.

EXTENT OF PLAY - SPECIFIC

1. The Reception Center Manager will be in command at the Reception Center, and will report to the Fire Department Incident Commander.

Areas Requiring Corrective Action (ARCA)

NONE

Evaluation Area 1 – Emergency Operations Management

Sub-element 1.d.1. Communications and Equipment.

Criterion 1.d.1: At least two communication systems are available, at least one operates properly, and communication links are established and maintained with appropriate locations. Communications capabilities are managed in support of emergency operations. (NUREG-0654, F.1., 2.)

Intent

This sub-element is derived from NUREG-0654, which provides that OROs should establish reliable primary and backup communication systems to ensure communications with key emergency personnel at locations such as the following: appropriate contiguous governments within the emergency planning zone (EPZ), Federal emergency response organizations, the licensee and its facilities, emergency operations centers (EOC), and field teams.

EXTENT OF PLAY - GENERAL

ORO will demonstrate that a primary, and at least one backup system, are fully functional at the beginning of an exercise. If a communications system or systems are not functional, but exercise performance is not affected, no exercise issue will be assessed. Communications equipment and procedures for facilities and field units should be used as needed for the transmission and receipt of exercise messages. All facilities and field teams should have the capability to access at least one communication system that is independent of the commercial telephone system. Responsible OROs should demonstrate the capability to manage the communication systems and ensure that all message traffic is handled without delays that might disrupt the conduct of emergency operations. OROs should ensure that a coordinated communication link for fixed and mobile medical support facilities exist.

The specific communications capabilities of OROs should be commensurate with that specified in the response plan and/or procedures. Exercise scenarios could require the failure of a communications system and the use of an alternate system. All activities associated with the management of communications capabilities must be demonstrated based on the ORO's plans and procedures and completed as they would be in an actual emergency, unless noted above or otherwise indicated in the extent of play agreement.

EXTENT OF PLAY – SPECIFIC

1. Communications checks will be demonstrated throughout the Reception Center, and between Norwich Emergency Management and the Region 4 Office, and between the EOC and the Reception Center.
2. Immediate correction of performance issues relating to communications and equipment where remediation is possible will be allowed. (That portion of the criterion that deals with performance only. Actual communication equipment cannot be re-demonstrated.)

Areas Requiring Corrective Action (ARCA)

NONE

Evaluation Area 1 – Emergency Operations Management

Sub-element 1.e.1. Equipment And Supplies To Support Operations.

Criterion 1.e.1: Equipment, maps, displays, dosimetry, potassium iodide (KI), and other supplies are sufficient to support emergency operations. (NUREG-0654, H., J.10.a.b.e.f.j.k, 11, K.3.a.)

Intent

This sub-element is derived from NUREG-0654, which provides that OROs have emergency equipment and supplies adequate to support the emergency response.

EXTENT OF PLAY - GENERAL

Equipment within the facility(ies) should be sufficient and consistent with the role assigned to that facility in the ORO's plans and/or procedures in support of emergency operations. Use of maps and displays is encouraged.

All instruments, including air sampling flow meters (field teams only), should be inspected, inventoried, and operationally checked before each use. They should be calibrated in accordance with the manufacturer's recommendations (or at least annually for the unmodified CDV-700 series or if there are no manufacturer's recommendations for a specific instrument; modified CDV-700 instruments should be calibrated in accordance with the recommendation of the modification manufacturer.). A label indicating such calibration should be on each instrument or verifiable by other means. Note: Field team equipment is evaluated under 4.a.1; radiological laboratory equipment under 4.c.1; reception center and emergency worker facilities' equipment is evaluated under 6.a.1; and ambulance and medical facilities' equipment is evaluated under 6.d.1.

Sufficient quantities of appropriate direct-reading and permanent record dosimetry and dosimeter chargers should be available for issuance to all categories of emergency workers that could be deployed from that facility. Appropriate direct-reading dosimeters should allow individual(s) to read the administrative reporting limits and maximum exposure limits contained in the ORO's plans and procedures.

Dosimeters should be inspected for electrical leakage at least annually and replaced, if necessary. CDV-138s, due to their documented history of electrical leakage problems, should be inspected for electrical leakage at least quarterly and replaced if necessary. This leakage testing will be verified during the exercise, through documentation submitted in the Annual Letter of Certification, and/or through a staff assistance visit.

Responsible OROs should demonstrate the capability to maintain inventories of KI sufficient for use by emergency workers, as indicated on rosters; institutionalized individuals, as indicated in capacity lists for facilities; and, where stipulated by the plan and/or procedures, members of the general public (including transients) within the plume pathway EPZ.

Sub-element 1.e.1. Equipment And Supplies To Support Operations. (Continued)

Quantities of dosimetry and KI available and storage locations(s) will be confirmed by physical inspection at storage location(s) or through documentation of current inventory submitted during the exercise, provided in the Annual Letter of Certification submission, and/or verified during a Staff Assistance Visit. Available supplies of KI should be within the expiration date indicated on KI bottles or blister packs. As an alternative, the ORO may produce a letter from FEMA indicating that the KI supply remains potent, in accordance with Food and Drug Administration (FDA) guidance. FEMA issues these letters based upon the findings of the certified independent laboratory that performed the analysis at the ORO's request and expense.

At locations where traffic and access control personnel are deployed, appropriate equipment (e.g., vehicles, barriers, traffic cones and signs, etc.) should be available or their availability described.

All activities must be based on the ORO's plans and procedures and completed as they would be in an actual emergency, unless noted above or otherwise indicated in the extent of play agreement.

EXTENT OF PLAY - SPECIFIC

1. A limited number of supplies (for demonstration purposes only) will be brought to the Reception Center.
2. Immediate correction will be allowed if initially not being able to show proper equipment, supplies, or documentation.

Areas Requiring Corrective Action (ARCA)

NONE

Evaluation Area 3 – Protective Action Implementation

Sub-element 3.a.1. Implementation of Emergency Worker Exposure Control.

The OROs issue appropriate dosimetry and procedures, and manage radiological exposure to emergency workers in accordance with the plans and procedures. Emergency workers periodically and at the end of each mission read their dosimeters and record the readings on the appropriate exposure record or chart. (NUREG-0654, K.3.)

Intent

This sub-element is derived from NUREG-0654, which provides that OROs should have the capability to provide for the following: distribution, use, collection, and processing of direct-reading dosimeters and permanent record dosimeters; provide for direct-reading dosimeters to be read at appropriate frequencies by emergency workers; maintain a radiation dose record for each emergency worker; and provide for establishing a decision chain or authorization procedure for emergency workers to incur radiation exposures in excess of protective action guides, always applying the ALARA (As Low As is Reasonably Achievable) principle as appropriate.

EXTENT OF PLAY - GENERAL

ORO's should demonstrate the capability to provide appropriate direct-reading and permanent record dosimetry, dosimetry chargers, and instructions on the use of dosimetry to emergency workers. For evaluation purposes, appropriate direct-reading dosimetry is defined as dosimetry that allows individual(s) to read the administrative reporting limits (that are pre-established at a level low enough to consider subsequent calculation of Total Effective Dose Equivalent) and maximum exposure limits (for those emergency workers involved in life saving activities) contained in the ORO's plans and procedures.

Each emergency worker should have the basic knowledge of radiation exposure limits as specified in the ORO's plan and/or procedures. Procedures to monitor and record dosimeter readings and to manage radiological exposure control should be demonstrated.

During a plume phase exercise, emergency workers should demonstrate the procedures to be followed when administrative exposure limits and turn-back values are reached. The emergency worker should report accumulated exposures during the exercise as indicated in the plans and procedures. OROs should demonstrate the actions described in the plan and/or procedures by determining whether to replace the worker, to authorize the worker to incur additional exposures or to take other actions. If scenario events do not require emergency workers to seek authorizations for additional exposure, evaluators should interview at least two emergency workers, to determine their knowledge of whom to contact in the event authorization is needed and at what exposure levels. Emergency workers may use any available resources (e.g. written procedures and/or co-workers) in providing responses.

Although it is desirable for all emergency workers to each have a direct-reading dosimeter, there may be situations where team members will be in close proximity to each other during the entire mission and adequate control of exposure can be affected for all members of the team by one dosimeter worn by the team leader. Emergency workers who are assigned to low exposure rate areas, e.g., at

Sub-element 3.a.1. Implementation of Emergency Worker Exposure Control. (Continued)

reception centers, counting laboratories, emergency operations centers, and communications centers, may have individual direct-reading dosimeters or they may be monitored by dosimeters strategically placed in the work area. It should be noted that, even in these situations, each team member must still have their own permanent record dosimeter.

Individuals without specific radiological response missions, such as farmers for animal care, essential utility service personnel, or other members of the public who must re-enter an evacuated area following or during the plume passage, should be limited to the lowest radiological exposure commensurate with completing their missions.

All activities must be based on the ORO's plans and procedures and completed as they would be in an actual emergency, unless noted above or otherwise indicated in the extent of play agreement.

EXTENT OF PLAY - SPECIFIC

1. Dosimetry packets will be issued to radiological emergency workers only. (Non-radiological emergency workers such as KI issue and registration staff will not be issued dosimetry.)
2. Radiological emergency worker knowledge will be demonstrated through evaluator interviews.
3. Immediate correction of issues relating to exposure control where remediation is possible will be allowed.

Areas Requiring Corrective Action (ARCA)

NONE

Evaluation Area 3 – Protective Action Implementation Sub-element 3.b.1 – Implementation of KI Decision

Criterion 3.b.1: KI and appropriate instructions are available should a decision to recommend use of KI be made. Appropriate record keeping of the administration of KI for emergency workers and institutionalized individuals is maintained. (NUREG-0654, E. 7, J. 10. e., f.)

Intent

This sub-element is derived from NUREG-0654, which provides that OROs should have the capability to provide radio-protective drugs for emergency workers, institutionalized individuals, and, if in the plan and/or procedures, to the general public for whom immediate evacuation may not be feasible, very difficult, or significantly delayed. While it is necessary for OROs to have the capability to provide KI to emergency workers and institutionalized individuals, the provision of KI to the general public is an ORO option, reflected in ORO's plans and procedures. Provisions should include the availability of adequate quantities, storage, and means of the distribution of radioprotective drugs.

EXTENT OF PLAY – GENERAL

OROs should demonstrate the capability to make KI available to emergency workers, institutionalized individuals, and, where provided for in the ORO plan and/or procedures, to members of the general public. OROs should demonstrate the capability to accomplish distribution of KI consistent with decisions made. Organizations should have the capability to develop and maintain lists of emergency workers and institutionalized individuals who have ingested KI, including documentation of the date(s) and time(s) they were instructed to ingest KI. The ingestion of KI recommended by the designated ORO health official is voluntary. For evaluation purposes, the actual ingestion of KI is not necessary. OROs should demonstrate the capability to formulate and disseminate appropriate instructions on the use of KI for those advised to take it. If a recommendation is made for the general public to take KI, appropriate information should be provided to the public by the means of notification specified in the ORO's plan and/or procedures.

Emergency workers should demonstrate the basic knowledge of procedures for the use of KI whether or not the scenario drives the use of KI. This can be accomplished by an interview with the evaluator.

All activities must be based on the ORO's plans and procedures and completed, as they would be in an actual emergency, unless noted above or otherwise indicated in the extent of play agreement.

Sub-element 3.b.1 – Implementation of KI Decision (Continued)

EXTENT OF PLAY - SPECIFIC

1. The supply of general public (evacuee) KI will be available for evaluator inspection, only a representative number of packets will be used for simulated distribution during the evaluated exercise.
2. Reception center staff will demonstrate the process, procedures and equipment for KI distribution and direction to ingest KI through discussion to simulated evacuees at the facility. KI will not be ingested by any drill participants.
3. Immediate correction of issues relating to procedures and distribution of KI where remediation is possible will be allowed.

Area Requiring Corrective Action (ARCA)

NONE

Evaluation Area 3 – Protective Action Implementation

Sub-element 3.d.1. Implementation of Traffic and Access Control –TCP/ACP are established.

Criterion 3.d.1: Appropriate traffic and access control is established. Accurate instructions are provided to traffic and access control personnel. (NUREG-0654, J.10.g, j., k.)

Intent

This sub-element is derived from NUREG-0654, which provides that OROs have the capability to implement protective action plans, including relocation and restriction of access to evacuated areas. This sub-element focuses on selecting, establishing, and staffing of traffic and access control points and removal of impediments to the flow of evacuation traffic.

EXTENT OF PLAY - GENERAL

ORO's should demonstrate the capability to select, establish, and staff appropriate traffic and access control points consistent with evacuation/sheltering decisions (for example evacuating, sheltering and relocation), in a timely manner. ORO's should demonstrate the capability to provide instructions to traffic and access control staff on actions to take when modifications in protective action strategies necessitate changes in evacuation patterns or in the area(s) where access is controlled.

Traffic and access control staff should demonstrate accurate knowledge of their roles and responsibilities. This capability may be demonstrated by actual deployment or by interview in accordance with the extent of play agreement.

In instances where ORO's lack authority necessary to control access by certain types of traffic (rail, water, and air traffic), they should demonstrate the capability to contact the State or Federal agencies with authority to control access.

All activities must be based on the ORO's plans and procedures and completed, as they would be in an actual emergency, unless specified above or indicated in the extent of play agreement.

EXTENT OF PLAY - SPECIFIC

1. Traffic control will be demonstrated by interview. Traffic control points, designated in the plan, will not actually be posted by the police.
2. Immediate correction of issues relating to traffic access and control points where remediation is possible will be allowed.

Area Requiring Corrective Action (ARCA)

NONE

Evaluation Area 6 – Support Operations/Facilities

Sub-element 6.a.1. Monitoring and Decontamination of Evacuees and Emergency Workers and Registration of Evacuees.

Criterion 6.a.1: The reception center/emergency worker facility has appropriate space, adequate resources, and trained personnel to provide monitoring, decontamination, and registration of evacuees and/or emergency workers. (NUREG-0654, J.10.h. K.5.b.)

Intent

This sub-element is derived from NUREG-0654, which provides that OROs have the capability to implement radiological monitoring and decontamination of evacuees and emergency workers, while minimizing contamination of the facility, and registration of evacuees at reception centers.

EXTENT OF PLAY - GENERAL

Radiological monitoring, decontamination, and registration facilities for evacuees/ emergency workers should be set up and demonstrated as they would be in an actual emergency or as indicated in the extent of play agreement. This would include adequate space for evacuees' vehicles. Expected demonstration should include 1/3 of the monitoring teams/portal monitors required to monitor 20% of the population allocated to the facility within 12 hours. Prior to using a monitoring instrument(s), the monitor(s) should demonstrate the process of checking the instrument(s) for proper operation.

Staff responsible for the radiological monitoring of evacuees should demonstrate the capability to attain and sustain a monitoring productivity rate per hour needed to monitor the 20% emergency planning zone (EPZ) population planning base within about 12 hours. This monitoring productivity rate per hour is the number of evacuees that can be monitored per hour by the total complement of monitors using an appropriate monitoring procedure. A minimum of six individuals per monitoring station should be monitored, using equipment and procedures specified in the plan and/or procedures, to allow demonstration of monitoring, decontamination, and registration capabilities. The monitoring sequences for the first six simulated evacuees per monitoring team will be timed by the evaluators in order to determine whether the twelve-hour requirement can be met. Monitoring of emergency workers does not have to meet the twelve-hour requirement. However, appropriate monitoring procedures should be demonstrated for a minimum of two emergency workers.

Decontamination of evacuees/emergency workers may be simulated and conducted by interview. The availability of provisions for separately showering should be demonstrated or explained. The staff should demonstrate provisions for limiting the spread of contamination. Provisions could include floor coverings, signs and appropriate means (e.g. partitions, roped-off areas) to separate clean from potentially contaminated areas. Provisions should also exist to separate contaminated and uncontaminated individuals, provide changes of clothing for individuals whose clothing is contaminated, and store contaminated clothing and personal belongings to prevent further contamination of evacuees or facilities. In addition, for any individual found to be contaminated, procedures should be discussed concerning the handling of potential contamination of vehicles and personal belongings.

Monitoring personnel should explain the use of action levels for determining the need for decontamination. They should also explain the procedures for referring evacuees who cannot be adequately decontaminated for assessment and follow up in accordance with the ORO's plans and procedures. Contamination of the individual will be determined by controller inject and not simulated with any low-level radiation source.

Sub-element 6.a.1. Monitoring and Decontamination of Evacuees and Emergency Workers and Registration of Evacuees. (Continued)

The capability to register individuals upon completion of the monitoring and decontamination activities should be demonstrated. The registration activities demonstrated should include the establishment of a registration record for each individual, consisting of the individual's name, address, results of monitoring, and time of decontamination, if any, or as otherwise designated in the plan. Audio recorders, camcorders, or written records are all acceptable means for registration.

EXTENT OF PLAY - SPECIFIC

1. At least three of the four portal monitors assigned to Norwich will be demonstrated—two for personnel, one for vehicles (one portal monitor is required for personnel, one for vehicles).
2. At least one staff radiological monitor will demonstrate hand-held instrument monitoring techniques for personnel at the Secondary Monitoring Station.
3. If new survey meters are available, they may be used instead of CDV-700s for demonstration / training purposes only – their use will not be formally evaluated.
4. Contamination control measures and decontamination techniques for at least two males and two females will be simulated.
5. Vehicle monitoring will be demonstrated via portal monitoring only.
6. A representative sample of replacement clothing resources will be available for decontaminated individuals in the male and female decontamination areas.
7. Immediate correction of issues relating to monitoring, decontamination and registration where remediation is possible will be allowed.
8. Special Needs decontamination will be demonstrated, but will not be formally evaluated.

Area Requiring Corrective Action (ARCA)

NONE

Evaluation Area 6 – Support Operations/Facilities

Sub-element 6.b.1. Monitoring and Decontamination of Evacuee Vehicles and Emergency Worker equipment.

Criterion 6.b.1: The facility/ORO has adequate procedures and resources for the accomplishment of monitoring and decontamination of emergency worker equipment including vehicles. (NUREG-0654, K.5.b)

Intent

This sub-element is derived from NUREG-0654, which provides that OROs have the capability to implement radiological monitoring and decontamination of emergency worker equipment, including vehicles.

EXTENT OF PLAY - GENERAL

The monitoring staff should demonstrate the capability to monitor equipment, including vehicles, for contamination in accordance with the ORO's plans and procedures. Specific attention should be given to equipment, including vehicles, that was in contact with individuals found to be contaminated. The monitoring staff should demonstrate the capability to make decisions on the need for decontamination of equipment including vehicles based on guidance levels and procedures stated in the plan and/or procedures.

The area to be used for monitoring and decontamination should be set up as it would be in an actual emergency, with all route markings, instrumentation, record keeping and contamination control measures in place. Monitoring procedures should be demonstrated for a minimum of one vehicle. It is generally not necessary to monitor the entire surface of vehicles. However, the capability to monitor areas such as air intake systems, radiator grills, bumpers, wheel wells, tires, and door handles should be demonstrated. Interior surfaces of vehicles that were in contact with individuals found to be contaminated should also be checked.

Decontamination capabilities, and provisions for vehicles and equipment that cannot be decontaminated, may be simulated and conducted by interview. All activities associated with this criterion must be based on the ORO's plans and procedures and completed, as they would be in an actual emergency, unless noted above or otherwise indicated in the extent of play agreement.

EXTENT OF PLAY - SPECIFIC

1. Per the ORO plan, decontamination of evacuee vehicles is not an emergency function. Contaminated vehicles will be segregated for later decontamination.
2. Decontamination capabilities and provisions for vehicles and equipment will be demonstrated by discussion.
3. No vehicle interiors will be monitored.
4. Immediate correction of issues relating to monitoring and decontamination of evacuees and emergency workers and equipment will be allowed.

Areas Requiring Corrective Action (ARCA)

None

Evaluation Area 6 – Support Operations/Facilities

Sub-element 6.c.1 Temporary Care of Evacuees

Criterion 6.c.1: Managers of congregate care facilities demonstrate that the centers have resources to provide services and accommodations consistent with American Red Cross planning guidelines (found in MASS CARE-Preparedness Operations, ARC 3031). Managers demonstrate the procedures to assure that evacuees have been monitored for contamination and have been decontaminated as appropriate prior to entering congregate care facilities. (NUREG-0654, J.10.h. 12.)

Intent

This sub-element is derived from NUREG-0654, which provides that OROs demonstrate the capability to establish relocation centers in host areas. Congregate care is normally provided in support of OROs by the American Red Cross under existing letters of agreement.

EXTENT OF PLAY – GENERAL

Under this criterion, demonstration of congregate care centers may be conducted out of sequence with the exercise scenario. The evaluator should conduct a walk-through of the center to determine, through observation and inquiries, that the services and accommodations are consistent with ARC 3031 **In this simulation, it is not necessary to set up operations, as they would be in an actual emergency.** Alternatively, capabilities may be demonstrated by setting up stations for various services and providing those services to simulated evacuees. Given the substantial differences between demonstration and simulation of this criterion, exercise demonstration expectations should be clearly specified in extent-of-play agreements.

Congregate care staff should also demonstrate the capability to ensure that evacuees have been monitored for contamination, have been decontaminated as appropriate, and have been registered before entering the facility. This capability may be determined through an interview process.

If operations at the center are demonstrated, material that would be difficult or expensive to transport (e.g., cots, blankets, sundries, and large-scale food supplies) need not be physically available at the facility(ies). However, availability of such items should be verified by providing the evaluator a list of sources with locations and estimates of quantities.

All activities associated with this criterion must be based on the ORO's plans and procedures and completed, as they would be in an actual emergency, unless noted above or otherwise indicated in the extent of play agreement.

EXTENT OF PLAY – SPECIFIC

1. Activation of congregate care facilities will be simulated on the day of the exercise.

Areas Requiring Corrective Action (ARCA)

None

APPENDIX 3

NORWICH HOST COMMUNITY

Millstone Exercise Scenario/Timeline

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
EOC PHASE:				
0745	I.a.1 Mobilization	Dispatch Center	MESSAGE #1 (Initial Notification) DEMHS Region 4 Control Cell To Norwich Dispatch/EMD	DEMHS Region 4 Office— Message from a simulated DEMHS Region 4 Coordinator (control cell) to notify Norwich Host Community via telephone call of declared Site Area Emergency . Norwich Dispatch receives call, takes message and makes notification calls per their procedure.
0800-0815	I.a.1 Mobilization	Dispatch Center		Norwich Dispatcher makes call to EMD/designee. EMD authorizes "call-out" of EOC staff.
0815-0900	No Evaluation	<u>EOC</u>		Staff begins to arrive at EOC.
0830 - 0900	I.d.1* Communications and Equipment	<u>EOC</u>	MESSAGE #2 EOC Controller To Norwich EOC	Following EOC activation, communication checks are conducted with simulated Region 4 Office (controller cell). "This is a drill" will be used during all radio communications.
0900	I.c.1 Direction and Control	<u>EOC</u>	MESSAGE #3 DEMHS Region 4 Control Cell To Norwich EOC	The simulated Region 4 Coordinator (controller) provides update information on the declared General Emergency at Millstone directing Norwich Host Community EOC Director to prepare the Reception Center to receive evacuees from the designated EPZ towns. The total 20% population count used for Groton City (10,000 total) and Groton Town (29,900) in the plan is 7,980 for planning purposes and sheltering.
	I.b.1 Facilities	<u>EOC</u>		Primary Displays in the EOC consist of Emergency Classification Level table, Shelter status Board, Evacuation Map, Local Traffic Map and Shift Sign-in Board.

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
0900		EOC		The EMD requests the Norwich Dispatcher to "tone-out" Norwich Fire Departments to activate the Reception Center at Norwich Technical High School.
0900-1000	3.d.1* Traffic Control (No Evaluation)	EOC	MESSAGE #4 EOC Controller To Norwich Police Department	The Norwich Police Dept. is responsible for the town's Traffic Control from entry point to Reception Center. Implementation of traffic control including Traffic Control points and potential impediments to traffic flow as they exist on the day of the drill will be conducted by discussion at the EOC.
0915		EOC	MESSAGE #5 Region 4 Control Cell To Norwich EOC Director	EMD/Director is notified by Region 4 Coordinator (Controller message) that the EPZ public is being advised to take KI tablets.
		<u>EOC</u>		The Red Cross and Education Department representatives discuss plan for opening shelters. These will be posted on the EOC shelter board. EOC determines shelter needs for population expected. ARC representative and EOC Director may determine order of shelter opening based on availability, location and capacity of each facility.
		EOC		Red Cross calls out for Red Cross representatives to staff the Reception Center to assist with shelter assignment. (Shelters will not be staffed for this demonstration.) Red Cross prepares shelter management roster/plan. At least one representative assists registration staff

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
				with information on shelter availability at the reception center.
RECEPTION CENTER SET-UP PHASE/With EOC Activated:				
		RECEPTION CENTER (Norwich Technical H.S.)		<p>Reception Center Activation</p> <p>Norwich OEM and F.Ds distribute equipment and supplies to reception center.</p> <p>Norwich (Taftville) F.D. also provides radio equipment and will provide traffic control at the vehicle monitoring and parking area only.</p>
	1.c.1 Direction and Control			The Incident Commander will be a ranking Taftville FD Officer and will maintain communications and contact between Reception Center locations and the Norwich EOC. The IC will be assisted by a Norwich OEM Officer designated as the Reception Center Manager. Once the command center is established at the Reception Center, the Norwich EOC will cease to be the primary command center.
0915 -0930	1.e.1* Equip and Supplies 3.a.1* Dosimetry 3.d.1* Dosimetry Briefing	RECEPTION CENTER		<p>Following their briefing, Norwich OEM and FDs will begin to set-up the Reception Center.</p> <p>Dosimetry is prepared and dosimetry paperwork is initiated for local Reception Center radiological emergency workers only. A PRD and 0-5R Self-reading dosimeters are issued. <i>(The 0-200 R Dosimeter contained within the packet is not issued to host emergency workers per procedure.)</i></p> <p>A Dosimetry briefing is provided to all Emergency workers during the dosimetry issue process. Female workers will be</p>

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
				<p>briefed on special limits for declared pregnant females.</p> <p>The Radiological Officer will provide guidance as needed with radiological issues.</p>
0945 - 1045	1.d.1* Comm. and Equip	RECEPTION CENTER/ EOC		<p>Communication: Radio checks are conducted between Reception Center Manager and the Norwich EOC. Communications checks at Reception Center between the Reception Center Manager and remote locations throughout RC are also conducted.</p> <p>(Radio communications should begin and end with "This is a drill.")</p>
0945 - 1045	6.a.1* Mon/Decon. Register Workers and Evacuees	RECEPTION CENTER Norwich Technical High School		<p>Preparation of CDV-700 survey meters. Survey meters (CDV-700) are operationally checked for issue to monitoring staff ready for use. Hand surveys will be demonstrated at the Secondary Monitoring area and Decontamination Areas. If newer meters are available, they may be demonstrated, but will not be evaluated.</p>
	6.a.1* Mon/Decon. Register Workers and Evacuees	RECEPTION CENTER		<p>Personnel Portal Monitors: Two portal monitors will be set up in the gymnasium and operationally checked with a 1 micro-curie check source. (These are staggered to prevent exiting evacuees from crossing paths to Secondary Monitoring or Registration pathways.)</p>
0945 - 1045	6.b.1* Mon/Decon/ Monitoring Equipment and Vehicles	RECEPTION CENTER		<p>Vehicle Monitoring/Decon.: One vehicle portal will be set up per diagram in High School parking lot.</p> <p>Clean and contaminated parking areas are shown in the vehicle monitoring area diagram.</p> <p>Vehicle/Equipment Decon. will take place by discussion only.</p>

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
	6.a.1* Mon/Decon Register Workers and Evacuees			A Secondary Monitoring Area will be established for manual survey prior to decontamination or release to Registration.
0945 - 1045	6.a.1* Mon/Decon Register Workers and Evacuees	RECEPTION CENTER		<p>Separate Decontamination Areas will be set up for males and females within separate athletic locker rooms. Each has local and full body decontamination areas, i.e. hands, face and full body showers if necessary.</p> <p>Temporary clothing is issued as needed. A representative sample of temporary replacement clothing will be available at each decontamination area.</p> <p>Special Needs Decontamination Area may be set up for demonstration purposes, but will not be evaluated.</p>
	6.a.1* Mon/Decon Register Workers and Evacuees	RECEPTION CENTER		<p>Local EPZ town/State Emergency Workers: Emergency workers who come to the host community are identified at the Portal Monitoring or Secondary Monitoring stations. These workers will have been issued their own dosimetry. (Workers who alarm portal return their dosimetry to the designated contaminated side of the dosimetry issue table for monitoring, otherwise it is returned to clean side.)</p>
	6.a.1* Mon/Decon	RECEPTION CENTER		<p>Post-Decontamination monitoring is located just past the decontamination areas prior to individuals exiting the decontamination areas to go to registration. Personnel</p>

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
	Register Workers and Evacuees			<p>monitoring forms are completed and evacuees receive a green wrist band (if clean) and copy of personnel monitoring form prior to being directed to the registration area.</p> <p>Escorts are stationed just outside each decon area to assist in directing evacuees to the registration area.</p>
0945-1045	3.b.1* Implement KI	RECEPTION CENTER		<p>The Registration Coordinator will direct Registration and KI Issue areas and report to the Reception Center Manager.</p> <p>The Norwich Human Services and Uncas Health District will be dispatched to set up KI Triage, KI Issue and Registration in the cafeteria of the Norwich Tech HS.</p> <p>Uncas Health District staff will have the responsibility of preparing for the issue of KI. A bin of KI tablets will be available for distribution, but will not actually be issued. (Candy may be substituted for actual tablets.)</p>
0945 - 1045	6.a.1* Mon/Decon Register Workers and Evacuees	RECEPTION CENTER		<p>Norwich Human Services will direct Evacuee Registration with possible assistance from CERT volunteers for directing traffic. Registration is conducted via face-to-face interview using written forms.</p> <p>Norwich OEM will provide the means for data entry of information from the forms using laptop computers.</p>
		RECEPTION CENTER		<p>The Red Cross will assist evacuees with shelter assignment as needed.</p>
1000-1100	1.c.1 Direction and Control	RECEPTION CENTER/ EOC		<p>Reception Center Manager</p> <p>Once Reception Center stations report their readiness to the Reception Center Manager, the Reception Center Manager notifies the EOC that the Reception</p>

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
				<p>Center is fully operational.</p> <p>The EOC (or mobile command center) will continue to receive updates on status of Reception Center operations and report this information to the Region 4 Coordinator, once Reception Center is operational.</p>
1100		RECEPTION CENTER		<p>When the Reception Center is ready to receive evacuees and EOC has been notified, the actual demonstration will begin as evacuees arrive.</p> <p>The Lead Controller will notify the evacuees to proceed by vehicle to Reception Center via the parking lot entrance identified in set up diagrams.</p> <p>Volunteer evacuees will be provided identification packets for this purpose.</p>
RECEPTION CENTER DEMONSTRATION PHASE/with EOC minimally staffed:				
1100	<p>6.a.1*, 6.b.1*</p> <p>Vehicle Monitoring & Decontamination</p> <p>Traffic Control</p>	RECEPTION CENTER	<p>MESSAGE #6</p> <p>Vehicle Controller To Vehicle Monitor Lead</p>	<p>Vehicle Monitoring</p> <p>All arriving vehicles (marked as Evacuee Vehicles) will be directed through the portal monitor, logged if contaminated, marked and directed to park in a designated "clean" or "contaminated" area as appropriate. (Vehicles may be those coming in from the EOC as well as volunteer evacuees.) Each vehicle driver will be given a "Host Community - Reception Center" information sheet.</p>
1100 - 1200	<p>6.b.1*</p> <p>Mon/Decon</p> <p>Register Equipment and Vehicles</p>	RECEPTION CENTER		<p>At least two vehicles will be designated "contaminated" by controller inject.</p> <p>Clean vehicles may be tagged/marked later if notified that the occupants were determined to be contaminated.</p>

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
1100 - 1200	6.a.1* Mon/Decon/Regist. Workers and Evacuees	RECEPTION CENTER	MESSAGE #7 Portal Monitor Controller To Portal Monitor Attendants	<p>Personnel Monitoring</p> <p>All individuals (except Evaluators, Controllers, Observers) entering the facility will be monitored. Emergency workers and special needs individuals, including parents with children may be given higher priority during monitoring.</p> <p>Individuals who alarm a portal monitor are directed to secondary monitoring for a whole-body hand survey with a CDV-700 survey meter.</p> <p>Individuals who do not alarm the portal monitor receive a green wrist band as proof of monitoring, and are directed to registration via clean pathway.</p>
		RECEPTION CENTER		<p>A green wrist band on the hand from</p> <ul style="list-style-type: none"> • portal monitoring, • secondary monitoring or • post decon monitoring <p>indicates the individual is "clean" and can proceed to registration (green bingo marker is available as a backup).</p>
1100 - 1200	6.b.1* Mon/Decon/Register Equipment and Vehicles	RECEPTION CENTER	MESSAGE #8 Contingency Portal Controller to Portal Attendants Contingency message (capture dosimetry before it gets to secondary monitoring)	<p>At least two individuals (one female, one male) will be "contaminated" per controller message. At least two of the contaminated individuals will be evacuated EPZ Emergency Workers who will also be wearing dosimetry issued prior to entering the Reception Center.</p> <p>The Emergency workers' dosimetry is removed, bagged and returned to the Dosimetry Issue/Return desk to be read and recorded prior to the emergency worker leaving the reception center. A copy of the completed form should be returned to the emergency worker.</p>

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
1100 - 1200	<p>6.a.1* Mon/Decon/Register Workers and Evacuees</p> <p>6.b.1* Mon/Decon/Register Equipment and Vehicles</p>	RECEPTION CENTER	<p>MESSAGE #9 Contingency Secondary Monitoring Controller to Secondary Monitor</p>	<p>Vehicle Monitoring is notified of potential internal contamination of a vehicle (previously monitored as clean) so that it can be tagged/marked for interior monitoring later even if parked in a designated clean parking area. (Interior monitoring will not be demonstrated.)</p> <p>Monitoring results will be provided by the controller.</p>
As Convenient	<p>6.a.1* Mon/Decon/ Register Workers and Evacuees</p>	RECEPTION CENTER	<p>MESSAGE #10 Portal Monitor Controller To Portal Monitor Attendants</p>	<p><i>Portal Monitoring (pre-staged) demonstration: This demonstration will take place after the "normal" evacuees have gone through.</i></p> <p><i>The controller will direct six individuals through each portal monitor, one portal at a time for evaluation purposes. <u>A controller and evaluator must be present for this portion of the demonstration.</u></i></p> <p><i>Portal monitor attendants should provide clear direction for entering and exiting the monitors and ensure that step-off to clean areas are maintained. Controller should also time the walkthrough and record results. Populations for each host are maintained in the HCP-4.6, Attachment 2.</i></p>
1100 - 1200			<p>MESSAGE #11 Secondary Monitor Controller To Secondary Monitor</p>	<p>Personnel Monitoring Forms are initiated at Secondary Monitoring to indicate the location and contamination levels for action in the Decontamination areas.</p> <p>However, if secondary monitoring indicates no contamination, individual will receive a green bracelet and will be directed via clean pathway to Registration.</p>

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
				Monitoring results will be provided by the controller.
1100 - 1200	6.a.1* Mon/Decon/Register Workers and Evacuees	RECEPTION CENTER	MESSAGE #12 Decon Area Controllers To Post-Decon Monitors	<p>Male/Female Decontamination Areas</p> <p>Decontamination staff review Personnel Monitoring Forms and advise/assist with decontamination via discussion.</p> <p>If minimal local contamination is detected, nearby bathroom sinks may be utilized. Simple instructions may be posted over sink with an attendant nearby to assist and direct individuals to Post Decontamination Monitoring.</p> <p>If decontamination is successful at this point, individuals will receive a green wrist bracelet and will be directed to the Registration Area with a copy of their Personnel Monitoring Form. Monitoring results will be provided by the controller.</p> <p>If full shower is recommended, decontamination procedures will be described verbally. (All decontamination will be simulated.)</p> <p>Temporary representative "coverings" will be available for demonstration.</p> <p>Final monitoring results will be provided by the controller.</p>
				NOTE: Evacuees must exit decontamination areas

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
				through the clean path to registration. A traffic flow assistant should be stationed post decon to direct people to the doorway leading into the cafeteria.
	3.b.1* Implement KI	RECEPTION CENTER		<p>KI ISSUE</p> <p>All volunteer evacuees will be directed to the Registration Area for processing in the cafeteria.</p> <ol style="list-style-type: none"> 1. At KI Triage, evacuees will be asked if they have taken KI prior to arrival. 2. If YES, evacuees will be directed to Registration. 3. If NO, evacuees will be directed to KI Issue.
1100 - 1200	6.a.1* Mon/Decon/Register Workers and Evacuees	RECEPTION CENTER		<p>Volunteer evacuees are interviewed/registered by registrars at the registration area.</p> <p>A green wrist band on the hand or completed Personnel Monitoring Form is proof of "non-contamination" and previously monitored/clean evacuees.</p> <p>Registration is completed on hand-written forms by registrars. Before leaving evacuees are also provided with decontamination advisory information either verbally or on a printed card.</p> <p>A computer software program may be used to process information from the written form to create a database of information.</p>

APPROX. TIME OF DEMONSTRATION	EVAL. AREA Sub element	LOCATION	CONTROLLER MESSAGE to PLAYER	SCENARIO EVENT
				An information area is located near the registration area to post messages given to registrars for reunification of family members.
		RED CROSS Assistance Area		Shelter information and water are provided by Red Cross staff following registration. Evacuees will be directed to the Exit or the waiting area.
1200 - 1230		RECEPTION CENTER	MESSAGE #13 Lead Controller To Reception Center Manager	<p>Exercise Termination</p> <p>When all Reception Center objectives have been demonstrated to the satisfaction of evaluators, a controller message is issued to the Reception Center Manager that</p> <p>The Exercise is terminated. (The RC Mgr may choose to break down areas as they complete their mission and return dosimetry and meters while other areas are still completing their activities.)</p> <p>Play ends and all areas are returned to normal condition.</p>
POST DEMONSTRATION PHASE				
1230 - 1300		RECEPTION CENTER	Controllers collect all paperwork and provide to Lead Controller.	Players will be directed to return their areas to a normal condition and report to a specified area for their comments and lunch.

*On-the-spot correction allowed.

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