

Exercise Objectives & Evaluation Criteria Matrix		YES	NO	Not Observed	Not Applicable	Crisis Management Team	Crisis Support Staff	HAC/DAC	Public Info & JIC	Fire Dispatch	Facility Mgr/CCA	On Scene	Fire Department	Shift Superintendent	Central Alarm Station	Tactical Operations Center	LIMA-2	Radiological Support	Field Sampling Team	Industrial Hygiene	Occupational Medicine	Functional Work Centers	Offsite Interface	Exercise Design and Control
<b>EO 1.0</b>	<b>Given initial discovery of emergency events/conditions, recognize the consequences and initiate emergency response actions.</b>																							
<b>Objective 1.1</b>	<b>Identify the emergency event.</b>																							
1.1.1	Did building management use the Building Emergency Response Job Aids located in the BERO? (BERO)										X													
1.1.2	Did building management recognize the event conditions as contained in the EALs? (PRO-T56-EP-04.00)										X													
1.1.3	Did building management correctly identify the emergency event? (EPLAN-99)										X													
1.1.4	Did building management notify the Shift Superintendent, Fire Dispatch, and the Central Alarm Station (CAS) of the alarm condition and the specific parameters associated with the alarm conditions? (BERO)									X	X	X		X	X									
1.1.5	Did building management pass information of known or suspected event parameters to the Shift Superintendent? (PRO-T56-EP-04.00)										X	X		X										
1.1.6	Did Shift Superintendent obtain specific event information when advised of incident conditions? (PRO-T56-EP-04.00)													X										
1.1.7	Did Shift Superintendent compare event information to EALs? (PRO-T56-EP-04.00)													X										
<b>Objective 1.2</b>	<b>Categorize and classify the emergency event.</b>																							
1.2.1	Did building management compare event information to EALs? (PRO-T56-EP-04.00; BERO)										X													
1.2.2	Did building management assist in categorization and classification of the event? (PRO-T56-EP-04.00)										X													
1.2.3	Did the Crisis Manager assess recommendations from the HAC Manager regarding emergency classification? (PRO-T56-EP-04.00, ERJA-CMT-1)						X	X																
1.2.4	Did the Crisis Manager implement recommended classification? (ERJA-CMT-1; EPLAN-99)						X																	
1.2.5	Did the Crisis Manager ensure the accuracy of the event classification? (PRO-T56-EP-04.00)						X																	
1.2.6	Did the Crisis Manager approve any upgrades to emergency classification? (PRO-T56-EP-04.00)						X																	
1.2.7	Did the Crisis Manager approve termination of emergency event?(PRO-T56-EP-04.00)						X																	
1.2.8	Did the DOE/RFFO Manager concur with termination of emergency event? (PRO-T56-EP-04.00)						X																	
1.2.9	Did the Emergency Director review and validate the declaration of the emergency? (PRO-T56-EP-04.00)							X																
1.2.10	Did the Emergency Director provide recommendations to the Crisis Manager on classification upgrade? (PRO-T56-EP-04.00)						X	X																
1.2.11	Did the Emergency Director provide recommendations to the Crisis Manager on event termination? (PRO-T56-EP-04.00)						X	X																

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1.2.12	Did the EOC Manager collect all documentation generated in the classification process? (PRO-T56-EP-04.00)					X	X																	
1.2.13	Did the HAC Manager review and validate the classification of the event (PRO-T56-EP-04.00)							X																
1.2.14	Did the HAC Manager provide recommendations to the Crisis Manager on classification upgrade or termination? (PRO-T56-EP-04.00)					X		X																
1.2.15	Did the Shift Superintendent determine category and classify the event in accordance with EALs? (EPLAN-99, PRO-T56-EP-04.00)													X										
1.2.16	Did the Shift Superintendent upgrade the classification of the event? (PRO-T56-EP-04.00)													X										
<b>Objective 1.3 Evacuate affected facilities.</b>																								
1.3.1	Did the IC direct CAS to make initial LS/DW announcements of the situation that included affected areas/buildings, protective actions, ICP location, who should report to the ICP, and access route to the ICP? (EPLAN-99, PRO-642-EP-05.01)										X				X									
1.3.2	Did LS/DW announcements depict the emergency situation? (95-EPIP-0048, EPLAN-99, PRO-642-EP-05.01)														X									
1.3.3	Did LS/DW announcements include specific actions to be taken by Site Personnel? (EPLAN-99, PRO-642-EP-05.01)														X									
1.3.4	Could the evacuation notification be heard by all building occupants? (1-15200-EPIP-12.24)				X																			
1.3.5	Was time taken to shut down equipment prior to evacuation? (BERO)									X														
1.3.6	Did personnel evacuate the facility? (BERO)									X														
1.3.7	Did all personnel assemble at the primary assembly area? (BERO)									X														
1.3.8	Did RCTs monitor evacuated personnel for radioactive contamination? (RSPs)																	X						
1.3.9	Did RCTs monitor the assembly area for radioactive contamination? (RSPs)																	X						
<b>Objective 1.4 Account for personnel</b>																								
1.4.1	Were personnel accountability tag boards available at the primary assembly area or outside of the 12 Rad boundary? (BERO)									X	X		X											
1.4.2	Was the alternate assembly area checked for building personnel? (BMP)									X	X		X											
1.4.3	Was accountability of building personnel completed within 30-45 minutes of building evacuation? (PRO-A44-EP-06.14)									X	X		X											
1.4.4	Was a listing of any missing personnel provided to the IC within 30-45 minutes? (PRO-A44-EP-06.14)									X	X		X											
1.4.5	Were emergency response personnel accounted for? (ERJA-SS-1)									X	X		X											

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<b>EO 2.0</b>	<b>Given emergency events/conditions, make protective action decisions.</b>																							
<b>Objective 2.1:</b>	<b>Determine Protective Actions (PAs).</b>																							
2.1.1	Did the IC direct initial LS/DW announcements of the situation that included affected areas/buildings, protective actions, ICP location, who should report to the ICP, and access route to the ICP? (EPLAN-99, ERJA-SS-1)								X	X					X									
2.1.2	Were initial protective actions based on EALs? (PRO-T56-EP-04.00)									X														
2.1.3	Were LS/DW announcements reviewed for classification prior to release? (PRO-642-EP-05.01)								X						X									
2.1.4	Did LS/DW announcements communicate the expected protective actions? (EPLAN-99, PRO-642-EP-05.01)								X						X									
2.1.5	Did LS/DW announcements include specific actions to be taken by Site Personnel? (EPLAN-99, ERJA-SS-1)								X						X									
2.1.6	Did LS/DW announcements depict the emergency situation? (95-EPIP-0048)								X						X									
2.1.7	Were follow-up communications provided to the ICO, FWCs, and buffer zone? (EPLAN-99, 1-A34-5500-06.09)														X	X						X		
2.1.8	Did the CM assess recommendations from the HAC Manager on Protective Actions? (EPLAN-99, ERJA-CMT-1)						X	X																
2.1.9	Did the CM implement the HAC Manager's recommended Protective Actions? (ERJA-CMT-1)						X	X																
2.1.10	Did the HAC Manager initiate habitability monitoring of the EOC? (ERJA-HAC-1)							X																
2.1.11	Did the RARC provide CAPARS and/or ALOHA outputs to support development of onsite PAs? (ERJA-HAC-4)							X																
2.1.12	Did the Crisis Manager ensure the accuracy of on-site Protective Actions? (PRO-T56-EP-04.00)						X																	
2.1.13	Did the Crisis Manager approve changes to Protective Actions? (PRO-T56-EP-04.00)						X																	
2.1.14	Did the Crisis Manager ensure that on-site Protective Action notifications were accomplished? (PRO-T56-EP-04.00)						X																	
2.1.15	Did the HAC Manager review and validate PAs? (PRO-T56-EP-04.00)							X																
2.1.16	Did the Shift Superintendent direct PAs appropriately? (PRO-T56-EP-04.00)													X										
2.1.17	Did the Shift Superintendent determine appropriate PAs? (PRO-T56-EP-04.00)													X										
<b>Objective 2.2</b>	<b>Shelter, evacuate, or relocate affected personnel.</b>																							
2.2.1	Was personnel monitoring performed? (RSP 7.02)									X								X						
2.2.2	Were area contamination surveys conducted? (RSP 7.02)									X								X						
2.2.3	Were dose surveys conducted? (RSP 7.04)									X								X						
<b>Objective 2.3</b>	<b>Determine Protective Action Recommendations (PARs).</b>																							
2.3.1	Were initial PARs based on EALs? (PRO-T56-EP-04.00)						X	X																
2.3.2	Did the Crisis Manager assess recommendations from the HAC Manager on Protective Action Recommendations (PARs)? (EPLAN-99; ERJA-CMT-1)						X	X																
2.3.3	Did the Crisis Manager implement the HAC Manager's recommended PARs? (ERJA-CMT-1; EPLAN-99)						X	X																

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2.3.4	Did the Crisis Manager approve the downgrade of a PAR with the concurrence of the DOE/RFFO Manager? (ERJA-CMT-1)					X																		
2.3.5	Did the RARC provide CAPARS and/or ALOHA outputs to support development of offsite PARs? (ERJA-HAC-4)							X																
2.3.6	Did the Crisis Manager ensure the accuracy of off-site PARs? (PRO-T56-EP-04.00)					X																		
2.3.7	Did the Crisis Manager approve any changes to PARs? (PRO-T56-EP-04.00)					X																		
2.3.8	Did the HAC Manager review and validate PARs? (PRO-T56-EP-04.00)							X																
2.3.9	Did the Shift Superintendent direct PARs to be given to off-site authorities? (PRO-T56-EP-04.00)				X																			
2.3.10	Did the Shift Superintendent determine the appropriate PARs for the event? (PRO-T56-EP-04.00)													X										
2.3.11	Did the Shift Superintendent select the appropriate ERPAs to which the PARs apply? (PRO-T56-EP-04.00)				X																			
<b>EO 3.0</b>	<b>Given declaration of an operational emergency, make notifications.</b>																							
<b>Objective 3.1</b>	<b>Notify off-site authorities.</b>																							
3.1.1	Did the Shift Superintendent provide emergency classification level, PAs, and PARs to the Fire Dispatcher and CAS and direct that appropriate notifications be made? (PRO-T56-EP-04.00)									X				X	X									
3.1.2	Did the SS approve initial Operational Emergency notifications? (PRO-642-EP-05.01)																							
3.1.3	Did the Crisis Manager ensure that off-site notifications were accomplished? (PRO-T56-EP-04.00)					X																		
3.1.4	Was notification to off-site authorities accomplished within 15 minutes of emergency declaration or changes to the classification? (PRO-T56-EP-04.00)									X														
3.1.5	Was notification to off-site authorities accomplished within 15 minutes of changes to PARs? (PRO-T56-EP-04.00)									X														
<b>Objective 3.2</b>	<b>Assemble RFETS Emergency Response Organization (ERO).</b>																							
3.2.1	Did the Shift Superintendent direct that the initial LS/DW announcement of the emergency event be made? (PRO-642-EP-05.01)													X										
3.2.2	Did the Shift Superintendent initiate emergency notification? (EPLAN-99, PRO-642-EP-05.01)													X										
3.2.3	Did the Shift Superintendent direct the Fire Dispatcher to activate the ERO? (PRO-642-EP-05.01)									X				X										
3.2.4	Did the Fire Dispatcher activate the appropriate notification of ERO components by initiating DERS? (PRO-642-EP-05.01)									X														
3.2.5	Did the CAS receive the initial information? (EPLAN-99, PRO-642-EP-05.01)														X									
3.2.6	Did the CAS contact LIMA-2 with directions to report to the ICP? (WSLLC Procedures)													X		X								
3.2.7	Did LIMA-2 respond to the ICP? (WSLLC Procedures)										X					X	X							
3.2.8	Were hazards considered in establishment of the ICP? (ERJA-SS-1)									X		X								X				
3.2.9	Were ICO briefings conducted? (EPLAN-99, ERJA-SS-1)									X		X								X				

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3.2.10	Were emergency response personnel accounted for? (ERJA-SS-1)											X	X						X					
3.2.11	Did the SS request an IC communicator (ECHO-2)? (ERJA-SS-1)											X	X											
3.2.12	Did the ICO communicate with the EOC? (EPLAN-99, ERJA-SS-1)					X	X					X	X											
3.2.13	Did the IC develop an initial plan of action to minimize and mitigate any adverse impacts to human health or the environment? (ERJA-SS-1)											X	X											
3.2.14	Did Radiological Control Supervisor/Managers assemble personnel and equipment for emergency response? (EPLAN-99)																	X						
3.2.15	Did Rad Ops respond to the ICP? (EPLAN-99, ERJA-SS-1)																	X						
3.2.16	Did a Radiological Control Supervisor/Manager report to the IC to establish a Rad Ops Support Center, and provide control and direction to the Rad Ops organization? (EPLAN-99)																	X						
3.2.17	Did the WSLLC Security Advisor receive timely notification? (ERJA-CMT-9)					X																		
3.2.18	Did the OMD staff up emergency duty stations? (OMD Procedures)																				X			
3.2.19	Did OMD initiate a recall of personnel to support the emergency? (OMD Procedures)																				X			
3.2.20	Did the IC direct initial assessment actions as soon as possible using available people and resources at the scene? (EPLAN-99)											X	X						X					
3.2.21	Was fire department order of response correct? (3-FD-SOI-1066, 3-FD-SOI-214)												X											
3.2.22	Were sector assignments implemented based on the incident? (3-FD-SOI-1066)												X											
3.2.23	Was mutual aid requested based on the initial size-up? (3-FD-SOI-206)												X											
3.2.24	Did the fire department consider hazards in establishment of the ICP? (3-FD-SOI-1008)												X											
3.2.25	Was an ICP established at an appropriate distance and upwind of the scene? (EPLAN-99, ERJA-SS-1)											X	X	X						X				
3.2.26	Did the fire department establish control zones (Red, Yellow, and Green)? (3-FD-SOI-1008)												X											
3.2.27	Did IH respond to the ICP? (EPLAN-99, Sec. 2; ERJA-SS-1; IH Procedure)																			X				
3.2.28	Did the IC develop an initial plan of action to minimize and mitigate any adverse impacts to human health or the environment? (ERJA-SS-1)											X	X	X						X				
<b>EO 4.0</b>	<b>Given declaration of an operational emergency, establish command, control, and communications.B155</b>																							
<b>Objective 4.1</b>	<b>Transfer emergency response command and control functions from the facility manager to the Incident Commander.</b>																							
4.1.1	Was there a formal transfer of responsibilities, command and control of site-wide response, categorization and classification, notification, PAs, and PARs between the Facility Manager and the Fire Department? (EPLAN-99)											X	X	X										

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4.1.2	Was there a formal transfer of responsibilities, command and control of site-wide response, categorization and classification, notification, PAs, and PARs between the Fire Department and Shift Superintendent? (EPLAN-99)											X	X	X										
4.1.3	Did the Shift Superintendent receive a briefing by building management or their designee prior to the assumption of incident command responsibilities? (EPLAN-99)										X	X		X										
<b>Objective 4.2 Transfer overall emergency response command and control functions from the Incident Commander to the Crisis Manager.</b>																								
4.2.1	Did the Shift Superintendent (IC) assume the responsibilities of the Crisis Manager until relieved by a designated CM? (PRO-T56-EP-04.00)														X									
4.2.2	Did the Incident Commander or designee brief the Crisis Manager prior to the transfer of responsibilities? (EPLAN-99)					X									X									
4.2.3	Did the Incident Commander formally transfer the overall responsibility for site-wide emergency response activities to the Crisis Manager? (EPLAN-99)					X								X										
<b>Objective 4.3 Communicate event information within and between emergency response organization components.</b>																								
4.3.1	Did the IC direct initial LS/DW announcements of the situation that included affected areas/buildings, protective actions, ICP location, who should report to the ICP, and access route to the ICP? (PRO-642-EP-05.01)											X												
4.3.2	Did the ICO staff share known information with the IC? (ICO-ERJAs)										X		X						X					
4.3.3	Were communications established with, and an on-scene status update obtained from the WSLLC Representative? (ERJA-CMT-9)					X																		
4.3.4	Did the OCC keep the Site informed of offsite response to the Operational Emergency? (EPLAN-99)					X																	X	
4.3.5	Did the OCC Manager establish communications with the DOE/RFFO Communicator/Coordinator in the CMT? (3-A13-5500-01.56)					X																	X	
4.3.6	Did the OCC Manager brief the SEOC team on the incident? (3-A13-5500-01.56)				X																		X	
4.3.7	Did the DOE/RFFO Offsite Communicator/Coordinator keep the OCC informed of onsite response to the operational emergency? (EPLAN-99; ERJA-CMT-3)					X																	X	
4.3.8	Did the OMD staff communicate patient information and medical conditions to the CSS Communicator? (PRO-A13-EP-01.56)						X													X				
4.3.9	Did the WSLLC Security Advisor receive notification within 30 minutes of the start of the exercise? (ERJA-CMT-9)					X																		
4.3.10	Did LIMA-2 establish access control to the ICP and the accident scene? (EPLAN-99)															X	X							
4.3.11	Did SPOs acknowledge EMRESP badge designations and facilitate emergency responder access to the Incident Command Post? (EPLAN-99)															X	X							

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<b>EO 5.0</b>	<b>Given declaration of an operational emergency, establish offsite liaison.</b>																							
<b>Objective 5.1</b>	<b>Establish offsite liaison.</b>																							
5.1.1	Was the decision to call for mutual aid support made in a timely manner once all available resources were committed? (3-FD-SOI-225, 3-FD-SOI-217, 3-FD-SOI-401)												X											
5.1.2	Was the request for mutual aid made in a timely manner? (3-FD-SOI-225, 3-FD-SOI-217, 3-FD-SOI-401)								X				X											
5.1.3	Was confirmation of mutual aid availability provided back to the Incident Commander? (3-FD-SOI-225, 3-FD-SOI-217, 3-FD-SOI-401)												X											
5.1.4	Was a staging area established for the mutual aid agencies? (3-FD-SOI-401)												X											
5.1.5	Did the ICP Representative report to JeffCo ICO? (PRO-A13-EP-01.56)																						X	
5.1.6	Did the OCC Manager report to the SEOC? (PRO-A13-EP-01.56)																						X	
<b>EO 6.0</b>	<b>Given the release of hazardous materials, monitor and control emergency worker exposure.</b>																							
<b>Objective 6.1</b>	<b>Manage contaminated and/or exposed personnel.</b>																							
6.1.1	Did an RCT report immediately to the OMD upon notification of an emergency involving actual (or potential for) radioactive contamination of the individuals involved?(RSPs)																	X						
6.1.2	Did RCTs provide technical advice on contamination control? (RSPs)																	X						
6.1.3	Did RCTs post occupational medicine? (RSPs)																	X		X				
6.1.4	Did RCTs monitor evacuated personnel and the assembly area for radioactive contamination? (RSPs)																	X						
6.1.5	Were area contamination surveys conducted? (RSPs)																	X						
6.1.6	Were dose surveys conducted? (RSPs)																	X						
6.1.7	Was the assembly area surveyed for background radiation levels greater than 1 mR/hr prior to starting the personnel surveys? (RSPs)																	X						
6.1.8	Were personnel with surface contamination or with dosimeter scan readings greater than 1 mR/hr segregated from other personnel? (RSPs)																	X						
6.1.9	Did emergency responders use proper PPE? (RSPs)												X					X		X				
6.1.10	Did Rad Ops determine the level of skin contamination? (RSPs)																	X						
6.1.11	Was contamination above established limits and decontamination conducted according to established procedures/protocols? (RSPs)																			X	X			
6.1.12	Were nasal and/or mouth swab samples taken? (RSPs)																				X			
<b>Objective 6.2</b>	<b>Establish controls to prevent the spread of hazardous materials.</b>																							
6.2.1	Did a Radiological Control Supervisor/Manager report to the IC to establish a Rad Ops Support Center, and provide control and direction to the Rad Ops organization? (EPLAN-99)																	X						
6.2.2	Did Radiological Control Supervisor/Managers assemble personnel and equipment for emergency response? (EPLAN-99)																	X						
6.2.3	Did Radiological Operations properly post radiological protection requirements? (RSPs)																	X						
6.2.4	Was personnel monitoring performed? (RSPs)																	X						

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		6.2.5	Were area contamination surveys conducted? (RSPs)																	X					
6.2.6	Were dose surveys conducted? (RSPs)																	X							
6.2.7	Were nasal/mouth swab samples taken? (RSPs)																	X			X				
6.2.8	Were wounds and skin/hair contamination samples taken? (RSPs)																	X			X				
6.2.9	Was portable low volume air sampling performed? (RSPs, HSPs)																	X							
6.2.10	Was contamination above established limits and decontamination conducted according to established procedures/protocols? (RSPs, HSPs)																	X		X					
6.2.11	Were Fire Department personnel checked for contamination and decontaminated before being released from the scene? (RSPs)												X							X					
6.2.12	Did Fire Department treatment personnel use PPE? (FD SOP; HSPs)												X							X					
6.2.13	Was equipment decontaminated? (3-FD-SOI-1014)												X							X					
6.2.14	Were decontamination procedures implemented for contaminated areas and equipment? (RSPs, HSPs)												X							X					
<b>EO 7.0</b>	<b>Given multiple casualties, provide emergency medical treatment.</b>																								
<b>Objective 7.1</b>	<b>Perform emergency medical care.</b>																								
7.1.1	Did the OMD staff communicate patient information and medical conditions to the CSS Communicator? (OMD FWC ERJA)																				X				
7.1.2	Were emergency treatment stations established in Building 122? (OMD FWC-ERJA)																				X				
7.1.3	Did the OMD staff use proper PPE? (OMD FWC-ERJA)																				X				
7.1.4	Did OMD staff emergency care positions? (OMD FWC-ERJA; OMD Procedure)																				X				
7.1.5	Did an RCT report immediately to the OMD upon notification of an emergency involving actual (or potential for) radioactive contamination of the individuals involved? (RSPs)																				X				
7.1.6	Did RCTs properly prepare the medical decontamination trailer? (RSPs)																				X				
7.1.7	Did Rad Ops determine the level of skin contamination? (RSPs)																				X				
7.1.8	Did RCTs provide technical advice on contamination control? (RSPs)																				X				
7.1.9	Did RCTs post occupational medicine? (RSPs)																				X				
7.1.10	Was Rad Ops support provided to the offsite medical facility to coordinate radiological control efforts with the facility? (RSPs)																				X				
7.1.11	Did EMTs provide initial emergency response and bring injured employees to OMD for further evaluation and treatment, unless the patient's injuries were of a serious nature or life threatening? (OMD Procedures)												X								X				
7.1.12	Did EMTs request medical transport services? (OMD Procedures)												X								X				
7.1.13	Did EMTs evaluate and transport victims with major injuries to offsite locations for definitive care? (OMD Procedures)												X								X				
7.1.14	Was the on-call physician contacted when offsite treatment was expected? (OMD Procedures)																				X				
<b>EO 8.0</b>	<b>Given declaration of an operational emergency, keep the site populace and public informed of emergency response actions.</b>																								
<b>Objective 8.1</b>	<b>Communicate Protective Actions (PAs).</b>																								
8.1.1	Did LS/DW announcements communicate changes to Protective Actions? (EPLAN-99,; PRO-642-EP-05.01)																								

Exercise Objectives & Evaluation Criteria Matrix		YES	NO	Not Observed	Not Applicable	Crisis Management Team	Crisis Support Staff	HAC/DAC	Public Info & JIC	Fire Dispatch	Facility Mgr/CCA	On Scene	Fire Department	Shift Superintendent	Central Alarm Station	Tactical Operations Center	LIMA-2	Radiological Support	Field Sampling Team	Industrial Hygiene	Occupational Medicine	Functional Work Centers	Offsite Interface	Exercise Design and Control
8.1.2	Were follow-up communications on changes to Protective Actions provided to the ICO, FWCs, and buffer zone? (EPLAN-99)																					X		
<b>Objective 8.2</b>	<b>Complete public information activities.</b>																							
8.2.1	Did the PI Team prepare media releases? (95-EPIP-0048)								X															
8.2.2	Did the PI Manager approve media releases? (ERJA-CMT-8; 95-EPIP-0048)					X			X															
8.2.3	Did the JIC Team report to the SEOC? (EPLAN-99, 95-EPIP-0048)								X															
8.2.4	Were Emergency Public Information products provided to Joint Public Information Center? (95-EPIP-0048)								X															
8.2.5	Were media releases reviewed for classification prior to release? (ERJA-CMT-8; 95-EPIP-0048)								X															
8.2.6	Were media releases accurate? (95-EPIP-0048)								X															
8.2.7	Were media releases timely? (95-EPIP-0048)								X															
8.2.8	Did the Crisis Manager receive briefings on public information, media inquires received, and VIP inquiries received? (95-EPIP-0048)					X			X															
<b>EO 9.0</b>	<b>Given emergency events/conditions, perform consequence assessments.</b>																							
<b>Objective 9.1</b>	<b>Complete consequence assessment activities.</b>																							
9.1.1	Did the RARC provide CAPARS and/or ALOHA outputs? (EPLAN-99, ERJA-HAC-4)								X															
9.1.2	Did the RARC provide CAPARS and/or ALOHA outputs to support development of onsite PAs and offsite PARs? (ERJA-HAC-04)								X															
9.1.3	Did RARC provide weather forecasts in support of emergency response operations? (EPLAN-99, ERJA-HAC-4)								X															
9.1.4	Was CAPARS and/or ALOHA used to provide the EMO with data projections for recommending changes in PAs/PARs? (EPLAN-99)								X															
9.1.5	Was input from the IC and RCTs/IH/FSTs on-scene provided to the HAC for analysis and a comparison performed with dose/atmospheric dispersion models? (EPLAN-99; ERJA-HAC-2)								X		X		X							X				
9.1.6	Was CAPARS and/or ALOHA used by the HAC to predict plume path distance and time? (EPLAN-99)								X															
9.1.7	Was CAPARS and/or ALOHA used to provide the EMO with data projections for recommending changes in classification? (EPLAN-99)								X															
9.1.8	Did the HAC Manager review dispersion model runs for validating the classification level, PAs, and PARs? (PRO-T56-EP-04.00)								X															

Exercise Objectives & Evaluation Criteria Matrix		YES	NO	Not Observed	Not Applicable	Crisis Management Team	Crisis Support Staff	HAC/DAC	Public Info & JIC	Fire Dispatch	Facility Mgr/CCA	On Scene	Fire Department	Shift Superintendent	Central Alarm Station	Tactical Operations Center	LIMA-2	Radiological Support	Field Sampling Team	Industrial Hygiene	Occupational Medicine	Functional Work Centers	Offsite Interface	Exercise Design and Control	
9.1.9	Did the HAC Manager provide recommendations to the Crisis Manager regarding classification level, PAs, and PARs? (PRO-T56-EP-04.00)					X		X																	
9.1.10	Did the RARC representative respond to provide consequence assessment support? (By contract)							X																	
<b>Objective 9.2 Perform field monitoring team activities.</b>																									
9.2.1	Was the anticipated hazardous material source term considered prior to deployment of field monitoring team(s)? (1-A26-5500-08.01)							X											X						
9.2.2	Did the Crisis Manager or Incident Commander approve exposures known or anticipated to be greater than DOE Limits? (1-A26-5500-08.01)					X				X		X							X	X					
9.2.3	Did field monitoring team members receive a briefing from the IC or designee before deployment? (1-A26-5500-08.01)									X		X							X	X					
9.2.4	Did the Crisis Manager or Incident Commander approve entries to unknown radiation fields or chemical atmospheres? (1-A26-5500-08.01)					X				X		X							X	X					
9.2.5	Did field monitoring team(s) provide a debriefing to the IC or designee after returning from the field? (1-A26-5500-08.01)									X		X							X	X					
9.2.6	Did the Radiological FST Coordinator in the HAC issue activation instructions to activate the team (2-A15-5500-01.66)							X											X						
9.2.7	Did FST members report to the FST assembly location on a timely basis? (BMP)																		X						
9.2.8	Did FST personnel perform instrument checks prior to departing for the ICP? (2-A15-5500-01.66, Inst. 8)																		X						
9.2.9	Did FST personnel accomplish PPE inventory and inspection prior to departing for the ICP? (2-A15-5500-01.66, Inst. 8)																		X						
9.2.10	Did the FST report to the ICO prior to entry of the emergency scene? (ERJA-SS-1)									X		X							X	X					
9.2.11	Was the FST aware of the location of the 12 Rad line for the facility? (BMP)																		X						
9.2.12	Did the FST team leader establish radio contact with the FST Coordinator? (2-A15-5500-01.66, Inst. 10)							X											X						
9.2.13	Did the FST Coordinator provide clear direction for field sampling locations to the FST? (2-A15-5500-01.66, Inst. 11)							X											X						
9.2.14	Did the FST provide sample results to the FST Coordinator in a clear and understandable manner (2-A15-5500-01.66, Inst. 12)							X											X						
9.2.15	Did the FST Team Leader log the sample data and complete the appropriate Worksheet? (2-A15-5500-01.66, Inst. 11)																		X						
9.2.16	Did FST members periodically look at their direct reading dosimeters while sampling inside the emergency? (2-A15-5500-01.66, Inst. 13)																		X						
9.2.17	Was a plume search accomplished using the FST vehicle? (2-A15-5500-01.66, Inst. 13)																		X						
<b>EO 10.0 Given emergency events/conditions, demonstrate recovery.</b>																									
<b>Objective 10.1 Complete recovery planning.</b>																									
10.1.1	Was a Recovery Team designated from required functional areas? (ERJA-CMT-1)					X																			
10.1.2	Did the Crisis Manager appoint the Recovery Manager? (EPLAN-99, ERJA-CMT-1)					X																			
10.1.3	Did the Emergency Director coordinate development of the recovery plan outline? (ERJA-CSS-1)						X																		

Exercise Objectives & Evaluation Criteria Matrix		YES	NO	Not Observed	Not Applicable	Crisis Management Team	Crisis Support Staff	HAC/DAC	Public Info & JIC	Fire Dispatch	Facility Mgr/CCA	On Scene	Fire Department	Shift Superintendent	Central Alarm Station	Tactical Operations Center	LIMA-2	Radiological Support	Field Sampling Team	Industrial Hygiene	Occupational Medicine	Functional Work Centers	Offsite Interface	Exercise Design and Control	
10.1.4	Was the recovery plan outline approved by the CM with concurrence by the DOE/RFFO Manager? (ERJA-CMT-10)					X																			
10.1.5	Did the Crisis Manager approve exposures known or anticipated to be greater than the DOE Radiological Emergency Dose Limit? (ERJA-CMT-1)					X																			
10.1.6	Did recovery team members receive a briefing from the IC or designee before reentering the affected building or area? (ERJA-CMT-1)											X	X							X					
10.1.7	Did the Crisis Manager or Incident Commander approve all entries for unknown radiation fields/atmospheres? (ERJA-CMT-1)					X						X	X							X					
10.1.8	Did recovery team provide a debriefing to the IC or designee after reentering the affected building or area? (ERJA-CMT-1)											X	X							X					
<b>Objective 10.2 Complete emergency re-entry.</b>																									
10.2.1	Did emergency reentry planning consider identification of radiation and/or chemical source term? (1-A26-5500-08.01)					X						X	X							X					
10.2.2	Did emergency reentry planning consider life saving? (1-A26-5500-08.01)					X						X	X							X					
10.2.3	Did the Crisis Manager approve exposures known or anticipated to be greater than the DOE Radiological Emergency Dose Limit? (EPLAN-99, 1-A26-5500-08.01)					X																			
10.2.4	Did reentry team members receive a briefing from the IC or designee before reentering the affected building or area? (EPLAN-99, 1-A26-5500-08.01)											X	X							X					
10.2.5	Did the Crisis Manager or Incident Commander approve all entries for unknown radiation fields or chemical atmospheres?(EPLAN-99, 1-A26-5500-08.01; ERJA-CMT-1; ERJA-SS-1)					X						X	X							X					
10.2.6	Did reentry team provide a debriefing to the IC or designee after reentering the affected building or area? (ERJA-SS-1; 1-A26-5500-08.01)											X	X							X					
10.2.7	Did emergency reentry planning consider identification of radiation/chemical source term? (1-A26-5500-08.01)					X						X	X							X					
10.2.8	Did the HAC Manager verify and confirm adequate levels of individual protective clothing/equipment? (ERJA-HAC-01, 1-A26-500-08.01)							X																	
10.2.9	Did Radiological Control Supervisor/Manager identify respiratory protection requirements? (RSPs, 1-A26-5500-08.01)																	X							
10.2.10	Did Fire Department treatment personnel use PPE? (1-A26-5500-08.01)											X								X					
10.2.11	Did emergency workers entering the scene wear PPE? (HSPs, 1-A26-5500-08.01)											X						X		X					
<b>EO 11.0 Establish effective control and evaluation of the simulated emergency event.</b>																									
11.1.1	Did the controller organization ensure the safe and secure conduct of the participant's actions? (EMG)					X	X					X	X	X				X		X					
11.1.2	Did the controller organization provide timely event information to participants? (EMG)					X	X					X	X	X				X		X					
11.1.3	Did the controller organization prohibit interference by non-participants, evaluators, and observers with participants? (EMG)					X	X					X	X	X				X		X					
11.1.4	Did the role players accurately depict the proper simulation(s) for the participants? (EMG)					X	X					X	X	X				X		X					
11.1.5	Did the control cell staff provide communications with participants that was consistent with the needs presented by the scenario? (EMG)					X	X					X	X	X				X		X					

<b>Exercise Objectives &amp; Evaluation Criteria Matrix</b>		<b>YES</b>	<b>NO</b>	<b>Not Observed</b>	<b>Not Applicable</b>	<b>Crisis Management Team</b>	<b>Crisis Support Staff</b>	<b>HAC/DAC</b>	<b>Public Info &amp; JIC</b>	<b>Fire Dispatch</b>	<b>Facility Mgr/CCA</b>	<b>On Scene</b>	<b>Fire Department</b>	<b>Shift Superintendent</b>	<b>Central Alarm Station</b>	<b>Tactical Operations Center</b>	<b>LIMA-2</b>	<b>Radiological Support</b>	<b>Field Sampling Team</b>	<b>Industrial Hygiene</b>	<b>Occupational Medicine</b>	<b>Functional Work Centers</b>	<b>Offsite Interface</b>	<b>Exercise Design and Control</b>
11.1.6	Did the controller organization provide information as exercise participants earned the information? (EMG)					X	X					X	X	X				X		X				
11.1.7	Did the controller organization use proper radio communications protocol? (EMG)					X	X					X	X	X				X		X				
11.1.8	Was the controller organization adequately staffed and positioned for controlling and conducting the exercise? (EMG)					X	X					X	X	X				X		X				
11.1.9	Did the controller organization conduct the exercise in accordance with the exercise package? (EMG)					X	X					X	X	X				X		X				
11.1.1	Did the controller organization permit exercise participant free-play? (EMG)					X	X					X	X	X				X		X				
11.1.11	Was the evaluator organization adequately staffed and positioned for evaluating the exercise? (EMG)					X	X					X	X	X				X		X				
11.1.12	Did the evaluator organization display an understanding of the boundaries associated with evaluating the exercise against the stated objectives? (EMG)					X	X					X	X	X				X		X				
11.1.13	Was a post-exercise critique conducted to solicit feedback from the exercise participants? (EMG)					X	X					X	X	X				X		X				
11.1.14	Was a formal critique process conducted by the controller and evaluator organizations? (EMG)					X	X					X	X	X				X		X				