

MASTER SCENARIO EVENTS LIST

The Master Scenario Events List (MSEL) provides the detailed exercise control messages, data, and expected actions by the responders. The time indicated in the MSEL is the number of minutes, plus or minus exercise start. The messages are numbered in sequence. Messages with a “C” after it are contingency messages and will be issued to the controller(s) only when directed or if a specific event occurs. The message summary provides who issues the message, who receives the message, and an overview of the message content. The expected response provides the expected sequence of events that will occur in response to the accident.

TIME	MESSAGE NUMBER	MESSAGE SUMMARY	EXPECTED RESPONSE
-75			<input type="checkbox"/> Exercise window opens <input type="checkbox"/> Actors report for application of moulage
-60			<input type="checkbox"/> Exercise staging area established. Controller instructed to report any and all assets arriving to the exercise control cell.
-45	1 2	From Senior Controller to Safety Officer: Implement Safety Plan From Senior Controller to Security Officer: Implement Security Plan	<input type="checkbox"/> Evaluators and controllers arrive. - Event Scene: <ul style="list-style-type: none"> - Exercise Director - Senior Controller (C) - Safety Officer (C) - Exercise Security Officer (C) - Exercise Pre-Staging controller (C) - VIP Escort (C) - TDOT Help Truck #1 (E/C) - TDOT Help Truck #2 (E/C) - Fire Department/IC Lead Controller - Chattanooga Fire Engine #1 (E/C) - Chattanooga Fire Ladder #1 (E/C) - Chattanooga Fire Engine #2 (E/C) - Chattanooga Fire Engine #8 (E/C) - Chattanooga Fire Engine #13 (E/C) - Chattanooga Fire Squad #1 (E/C) - Chattanooga Police (E/C) - East Ridge Fire (E/C) - Incident Command (E) - Incident Command Technical Officer (E) - EMS/Triage Lead Controller - EMS #1, #2, #3 and #4 (E/C) - Triage Area Evaluator - Decontamination E/C - HAZMAT #1, #2, #3 - Lead Law Enforcement Controller - THP/CVE #1 E/C - THP/CVE #2 E/C - Hamilton County Sheriff E/C - Environmental Lead Controller - DRH Field Team (E/C) - TVA Field Team (E/C) - RAP Team #1, #2, #3 (E/C) - Media Actor #1 and #2 (E/C)

TIME	MESSAGE NUMBER	MESSAGE SUMMARY	EXPECTED RESPONSE
			<ul style="list-style-type: none"> - Non-Event Scene: <ul style="list-style-type: none"> - SEOC (E/C) - DOE ORO (E/C) - Chattanooga 911/EOC (E/C) - Control Cell #1, #2, #3 (C) - TVA Control Center (C) - Erlanger Hospital –Main Campus (E/C) - Erlanger – North (E/C) - Memorial Hospital – E/C - North Park Hospital – E/C - Mobile CP Lead Facilitator for recovery - Control Cell actors #1, #2, #3
-30	3	From Senior Controller to Participating Organizations: Do conditions in your jurisdiction allow for exercise participation?	<ul style="list-style-type: none"> <input type="checkbox"/> VIP escort meets observers and takes them to the viewing stand. <input type="checkbox"/> Pre-staged response elements arrive at the exercise only staging area (<i>not to be confused with incident command staging area</i>). <input type="checkbox"/> Control Cell Operational
-25	4	From Senior Controller to offsite controllers: Telephone check and provide exercise time.	Event scene controllers and evaluators provided last minute instructions and begin moving to their assigned locations.
-15	5	From Senior Controller to Event Scene Controllers: Radio checks and provides exercise time.	
	6	From Senior Controller to Exercise Director: Request permission to begin the exercise.	
	7	From Senior Controller to all field controllers: This message establishes the field monitoring data set.	
-05			<ul style="list-style-type: none"> <input type="checkbox"/> Injured actors moved to the accident scene and placed on the ground. <input type="checkbox"/> Permission granted to begin the exercise.
-03	8	From Senior Controller to Safety Officer: Begin simulations (Smoke & Fire)	
-01	9	From Senior Controller to Control Cell: Begin bank of 911 calls	
+00	10	From Senior Controller to Exercise Staging Area Controller: Release the first TDOT Help Truck to the event scene.	
+01	11a	From 911-actor to 911 center: First 911 call to report accident.	<input type="checkbox"/> 911 Dispatch receives call and begins processing the information

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+02	11b 11c	From 911-actor to 911 center: Second 911 call to report accident. From 911-actor to 911 center: Third 911 call to report accident.	<input type="checkbox"/> TDOT Help Truck arrives at the scene. <input type="checkbox"/> 911 Dispatch directs Chattanooga Fire, Police, and EMS to report to the scene.
+03	11d	From 911-actor to 911 center: Last 911 call to report accident.	<input type="checkbox"/> 911-Dispatch notifies Hamilton County Emergency Services [HCES]
+04	12C 13C 14C	From Senior Controller to Chattanooga Fire Department Controller: Release the FD assets from the exercise staging area 5-minutes after they receive the dispatch call. Use the sequence in the message for release. From Senior Controller to Chattanooga Police Controller: Release the police assets from the exercise staging area 5-minutes after they receive the dispatch call. From Senior Controller to Chattanooga EMS Controller: Release the EMS assets from the exercise staging area 5-minutes after they receive the dispatch call.	<input type="checkbox"/> HCES places EOC staff on standby <input type="checkbox"/> TDOT assesses and reports the situation to include the radioactive materials. Assists ambulatory patients.
+05	15	From Senior Controller to DOE Truck Driver: Make call to ORNL.	<input type="checkbox"/> DOE truck driver calls shipping company to report the accident. <input type="checkbox"/> TDOT begins initial traffic control.
+09			<input type="checkbox"/> First Chattanooga Fire, Police, and EMS assets arrive at the event scene.
+10			<input type="checkbox"/> Chattanooga Fire Department establishes Incident Command System. <input type="checkbox"/> Command Post (CP) established. <input type="checkbox"/> Incident Commander [IC] begins initial assessment of the scene and identifies initial resources <input type="checkbox"/> Staging area identified and staging officer assigned. <input type="checkbox"/> Technical/Operations Officer assigned. <input type="checkbox"/> Incident Commander (IC) receives briefing from TDOT Help Truck leader and DOE Truck Driver. <input type="checkbox"/> Driver gives manifest to IC. <input type="checkbox"/> Second TDOT Help Truck arrives. Chattanooga PD assists with initial first aid. <input type="checkbox"/> 911-Dispatch and HMES notified of the involvement of RAM. <input type="checkbox"/> HMES initiates a limited activation of the Hamilton

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			<p>County EOC.</p> <ul style="list-style-type: none"> ❑ HMES notifies Hamilton County Health Department of the event with radiological materials. ❑ DOE Shipper notifies Oak Ridge National Laboratory (ORNL) Laboratory Shift Superintendent (LSS) of the accident.
+11			<ul style="list-style-type: none"> ❑ IC requests additional fire, HAZMAT, and EMS support from 911 Dispatcher. ❑ IC issues contamination control guidance to responders including the use of PPE. ❑ FD establishes contamination control measures. ❑ Initial isolation zone of 300-meters (984.25 feet) established. ❑ Initial hot, warm, and code zones identified. ❑ EMS notifies EMS 10 and medical communications. ❑ EMS begins to treat victims. ❑ Triage area established. ❑ Chattanooga PD begins to establish perimeter around event scene. ❑ ORNL LSS categorizes the event as an operational emergency, not further classified.
+12	16	<p>From Control Cell to DOE ORO Duty Officer: (Actor represents ORNL LSS): Provide verbal notification then fax the form.</p>	<ul style="list-style-type: none"> ❑ Chattanooga establishes initial traffic control rerouting ❑ 911-dispatch requests fire and EMS assets from East Ridge Fire Department. ❑ East Ridge FD dispatched to the scene. ❑ Hospitals receive warning notice of radiological contaminated patients requiring transport. ❑ Hamilton County notifies TEMA Operations Officer of an accident with possible release of DOE radiological materials. ❑ TEMA Operations Officer receives and documents the HCES call. ❑ TEMA Operations Officer notifies TEMA management of the event. ❑ ORNL LSS notifies DOE ORO Duty Officer of the event with associated categorization.
+13	17	<p>From Control Cell to TEMA Operations Officer: (Actor represents ORNL LSS): Provide verbal notification then fax the form.</p>	<ul style="list-style-type: none"> ❑ Chattanooga FD begins to attack fire. ❑ Erlanger, Memorial, and North Park hospitals notify hospital management of radiological contaminated patients. ❑ Erlanger, Memorial, and North Park hospitals implement their radiological emergency plans. ❑ ORNL LSS notifies TEMA Operations Officer of the accident and the categorization of Operational Emergency, not further classified.
+14	18	<p>From Senior Controller to Exercise Staging Area Controller: Release media actors to the scene.</p>	<ul style="list-style-type: none"> ❑ IC reports 7 injured persons, 5 of which are contaminated. One non-contaminated injured person is critical and air-medical evacuation requested.
+16	19C	<p>From Senior Controller to Safety Officer: When heli-borne evacuation is requested,</p>	<ul style="list-style-type: none"> ❑ First media arrives at the event scene. ❑ Chattanooga FD's Hazmat arrives and is briefed by the IC.

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		implement the LZ safety plan.	<ul style="list-style-type: none"> <input type="checkbox"/> HCES notifies the FAA and requests for controlled air space in a one-mile radius around the event scene. <input type="checkbox"/> TEMA notifies Tennessee Highway Patrol/Commercial Vehicle Enforcement <input type="checkbox"/> TEMA Notifies TEMA internal management. <input type="checkbox"/> TEMA notifies EPA, FEMA, and the National Response Center. <input type="checkbox"/> TEMA notifies DRH <input type="checkbox"/> TEMA dispatches Area Coordinator to the event scene.
+17			<ul style="list-style-type: none"> <input type="checkbox"/> Fire attack completed. Fire is out. <input type="checkbox"/> Chattanooga FD assists in protecting the event scene as a crime scene. <input type="checkbox"/> Hamilton County EOC declared operational <input type="checkbox"/> HC EOC begins the coordination of obtaining resources. <input type="checkbox"/> DRH begins internal notifications of the event <input type="checkbox"/> TEMA Operations Officer coordinates with HMES to determine the need for DOE's RAP Team, TVA's field teams, and DRH assets. <input type="checkbox"/> TEMA/HCES activates RAP, TVA, and DRH assets. <input type="checkbox"/> Federal agencies make internal notifications concerning the accident <input type="checkbox"/> DOE ORO places RAP on standby
+19			<ul style="list-style-type: none"> <input type="checkbox"/> Chattanooga Hazmat requests diking equipment
+20	20C	From Senior Controller to Hamilton County Controller: If Hamilton County has not notified TEMA, direct them to do so.	<ul style="list-style-type: none"> <input type="checkbox"/> IC reports one fatality.
+21			<ul style="list-style-type: none"> <input type="checkbox"/> Fire begins hazard assessment and information gathering. <input type="checkbox"/> Chattanooga FD initiates victim rescue, retrieval and gross decontamination. <input type="checkbox"/> East Ridge FD arrives at the staging area. <input type="checkbox"/> HCME dispatches mobile command post to the event scene. <input type="checkbox"/> HMES notifies Hamilton County Medical Examiner of fatality. <input type="checkbox"/> TEMA requests RAP support. <input type="checkbox"/> TEMA activates the Southern Mutual Radiation Assistance Plan to request TVA support. <input type="checkbox"/> DOE ORO Duty Officer receives request for RAP assets. <input type="checkbox"/> TVA Duty Officer receives request for Field Team assets.
+24			<ul style="list-style-type: none"> <input type="checkbox"/> Additional EMS units and supervisors arriving on scene. <input type="checkbox"/> East Ridge FD brought forward, briefed, and integrated into the response.

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			<ul style="list-style-type: none"> <input type="checkbox"/> TEMA Operations Officer notifies the State of Georgia Emergency Management Agency of the event. <input type="checkbox"/> DRH activates DRH assets and deploys them to the event scene. <input type="checkbox"/> DOE ORO Duty Officer notifies ORO management and DOE-HQ Watch Office. <input type="checkbox"/> TVA Management notified of the request. <input type="checkbox"/> Critical patient evacuated via helicopter to Erlanger-Main Campus.
+25	21C	From Senior Controller to Medical 10 Controller: If hospitals have not been notified of contaminated patients, direct it to be done now.	
+29			<ul style="list-style-type: none"> <input type="checkbox"/> Chattanooga PD completes initial traffic rerouting around the event scene. <input type="checkbox"/> Victim hand off to EMS begins. <input type="checkbox"/> Erlanger Hospital - Main Campus is prepared to receive contaminated patients. Internal ICS is established. <input type="checkbox"/> Erlanger Hospital North is prepared to receive contaminated patients. Internal ICS is established. <input type="checkbox"/> Memorial Hospital is prepared to receive contaminated patients. Internal ICS is established. <input type="checkbox"/> North Park Hospital is prepared to receive contaminated patients. Internal ICS is established. <input type="checkbox"/> DOE ORO activates and dispatches RAP team.
+30	22C	From Senior Controller to SEOC Controller: If TEMA has not requested DOE RAP and/or TVA support, direct it to happen.	<ul style="list-style-type: none"> <input type="checkbox"/> Chattanooga PD begins interviewing witnesses and drivers. <input type="checkbox"/> TDOT requests East Ridge Police to close selected exit ramps. <input type="checkbox"/> TVA approves mutual aid, dispatches one field team, and activates the Central Emergency Control Center to maintain event information.
+33	23	From Senior Controller to Exercise Staging Area Controller: Release TEMA Area Coordinator, mobile EOC and PIOs.	<ul style="list-style-type: none"> <input type="checkbox"/> IC Operations Officer establishes the initial working environmental sampling plan.
+35			<ul style="list-style-type: none"> <input type="checkbox"/> Chattanooga FD, PD and HCES Public Information Officers [PIOs] arrive on scene and are briefed by the IC. <input type="checkbox"/> Press Center established at the scene. <input type="checkbox"/> EMS begins triage, treatment, packaging and transport of critically injured contaminated patients. <input type="checkbox"/> Mobile EOC arrives at the scene. <input type="checkbox"/> TEMA Area Coordinator arrives
+38	24	From Senior Controller to Exercise Staging Area	<ul style="list-style-type: none"> <input type="checkbox"/> Initial sampling conducted around the event scene.

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		Controller: Release HCHD assets.	
+40			<ul style="list-style-type: none"> <input type="checkbox"/> First patient transported to local hospital. Patient information transmitted. <input type="checkbox"/> HCHD assets arrive at the scene and begin assisting in worker decontamination. <input type="checkbox"/> PIOs establish a media briefing and observation area and conduct briefing
+50			<ul style="list-style-type: none"> <input type="checkbox"/> All injured victims transported to from the event scene. <input type="checkbox"/> Medical examiner arrives at the scene and is briefed by EMS and Hazmat <input type="checkbox"/> DRH arrives on scene and is briefed by IC Technical Officer. <input type="checkbox"/> HMES informs DRH that monitoring assets required at the receiving hospitals. <input type="checkbox"/> DRH assets dispatched to local hospitals to assist in patient surveys.
+55			<ul style="list-style-type: none"> <input type="checkbox"/> Initial emergency responder decontamination begins. <input type="checkbox"/> HCHD arrives on scene and begins emergency responder survey. <input type="checkbox"/> Responder rehabilitation initiated. <input type="checkbox"/> DRH assets assist the IC in developing sampling plan.
+61			<ul style="list-style-type: none"> <input type="checkbox"/> TDOT Signs and barricades arrives <input type="checkbox"/> DRH assets arrive at hospitals, are briefed, and begin assisting in patient surveys.
+62			<ul style="list-style-type: none"> <input type="checkbox"/> TVA Field Team arrives on scene. <input type="checkbox"/> Last Blue and Grey tour people transported to local hospitals.
+76			<ul style="list-style-type: none"> <input type="checkbox"/> DRH coordinates with IC, TVA field team and Hazmat and conducts radiological, monitoring establishes boundary of contaminated area and begins personnel monitoring (responders). <input type="checkbox"/> Chattanooga PD notifies Blue and Gray Historical Tours of the accident, injuries, and fatality. <input type="checkbox"/> Media briefing conducted
+136			<ul style="list-style-type: none"> <input type="checkbox"/> DOE Region II RAP Team arrives on scene coordinates with IC, DRH, TVA field team and Hazmat. <input type="checkbox"/> Media briefing conducted <input type="checkbox"/> DOE ORO Duty Officer maintains event information from RAP Team.
+156			<ul style="list-style-type: none"> <input type="checkbox"/> RAP team integrated in the field monitoring operations. <input type="checkbox"/> All patient treatment and decontamination complete. Emergency room cleanup and decontamination begins.
+186	+25C	From Control Cell to 911-	<ul style="list-style-type: none"> <input type="checkbox"/> Media briefing conducted

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		Dispatch: If not notified of the accident, (represents Blue and Gray Historical Tours) request information on accident	
+216			<input type="checkbox"/> DOE cleanup contractor, EPA, TEMA, HCES, DRH, TDEC, law enforcement, TDOT) Will take place in the HCES mobile command post. <input type="checkbox"/> Medical Examiner transports remains.
+220	+26C	From Senior Controller to Exercise Director: Request permission to terminate all exercise play except the tabletop exercise for recovery.	
+225	+27C	From Senior Controller to all controllers: Terminate exercise play. Begin onsite critique	
	+28C	From Senior Controller to Tabletop Facilitator: Begin tabletop exercise	
+421	+29C	From Senior Controller to Tabletop Facilitator: Terminate tabletop exercise and begin critique.	Exercise Ends