

Maryland Emergency Management Agency 2014-2015 Multi-Year Training and Exercise Plan

A Prepared Marylander Creates a Resilient Maryland

January 2014



PREFACE

The Maryland Emergency Preparedness Program (MEPP) is the State of Maryland's strategy for emergency preparedness and is intended to provide the State with consistent emergency planning policy information. The MEPP requires that the Maryland Emergency Management Agency (MEMA) coordinate the delivery of training and exercises to facilitate the improvement in the State's ability to deliver specific capabilities for emergency operations. In order to achieve this, Maryland recently conducted six regional and one State level Training and Exercise Planning Workshops (TEPWs) and has since produced this Multiyear Training and Exercise Plan (TEP).

The U.S. Department of Homeland Security (DHS) Preparedness Directorate's Office of Grants and Training (G&T) also requires that every State and Urban Area conduct a TEPW annually.

The MEMA 2014-2015 Multi-Year Training and Exercise Plan (TEP) is the roadmap for Maryland to accomplish the training and exercise priorities described in the MEPP and Maryland's Strategic Goals and Objectives for Homeland Security¹. Training and exercises play a crucial role in attaining, practicing, validating, and improving the State's capabilities.

The State's training and exercise programs are administered by MEMA in coordination with Local, State, Federal and private partners. The training and exercise agenda described in this plan will be tracked and reported for all State-level response agencies, as well as any county response agencies receiving State homeland security funds. The plan helps prepare Maryland to optimally address both the natural, manmade, and technological hazards that it faces.

¹Maryland's Strategic Goals and Objectives for Homeland Security (2009) Retrieved fromhttp://www.governor.maryland.gov/documents/HSgoals&objectives090115.pdf







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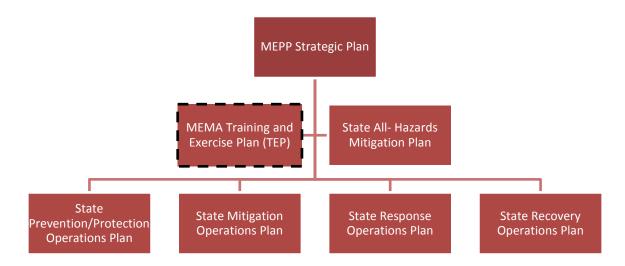
INTRODUCTION

PURPOSE

The MEMA 2014-2015 Multi-Year TEP is a strategic plan within the MEPP. The purpose of the TEP is to provide a roadmap for MEMA to follow in accomplishing the priorities described in the MEPP and the Maryland Homeland Security Strategy. Each priority is linked to an associated capability and the training and exercises that will help Maryland obtain those capabilities and achieve that priority. Capabilities-based planning provides the foundation for developing exercise program priorities, identifies sets of capabilities to exercise, determines the conditions and scenarios that should be included and addressed in exercises, and set's the performance threshold training and exercises work to evaluate and validate.

In addition to the above, the State TEP coordinates Federal, State, local, non-governmental organizations and private sector training and exercises and to reduce duplication of effort and over extension of resources.

Table 1: The Maryland Emergency Preparedness Program Plan Hierarchy



Included in the TEP is the training and exercise schedule, which provides graphic illustration of the proposed activities that are scheduled for the years 2014-2015. It is representative of the natural progression of training and exercises that should take place in accordance with a progressive approach to training and exercises.

PROGRAM PRIORITIES

As part of its continuous preparedness process, MEMA drafted the MEPP and State of Maryland Homeland Security Strategy to clearly define efforts and areas of focus. Based on the U.S. Department of Homeland Security (DHS) National Preparedness Goal, the MEPP commits the State of Maryland to the national priorities defined by the DHS.



National Preparedness Goal

Presidential Policy Directive 8: National Preparedness describes the Nation's approach to preparing for the threats and hazards that pose the greatest risk to the security of the United States. National preparedness is the shared responsibility of the whole community. Every member contributes, including individuals, communities, the private and nonprofit sectors, faith based organizations, and Federal, State, and local governments. Success is defined as "a secure and resilient Nation with the capabilities required across the whole community to prevent, protect against, mitigate, respond to, and recover from the threats and hazards that pose the greatest risk²."

Maryland Emergency Preparedness Program

The ability of Maryland to address the risks associated with these potential events is directly tied to the preparedness of all of Maryland's communities, levels of government, private and nonprofit organizations, and individual residents and visitors. The MEPP is the State's innovative approach to implementing the National Preparedness Goal through comprehensive, statewide preparedness. It includes an organizational structure and a process for preparedness, the Maryland Preparedness System.

The goal of the MEPP is to institutionalize the coordination of emergency preparedness activities via an all-hazards approach to the delivery of specific capabilities, categorized by four (4) mission areas (Prevention/Protection, Response, Recovery, and Mitigation). Emergency operations within each mission area are guided by a separate, state-level interagency operations plan that identifies how state-level partners deliver the mission area's capability set.

The concepts of capabilities and mission areas are used throughout this document. The organizations and plans developed through the MEPP are arranged according to mission areas, which align with the phases of an emergency. Capabilities are distinct yet highly interdependent elements, and their delivery is necessary for successful operations; they provide the means to accomplish missions, functions, or objectives through the execution of related tasks. Each mission area includes relevant capabilities that must be considered in planning and plan execution.

² National Preparedness Goal (2011) Retrieved from http://www.fema.gov/pdf/prepared/npg.pdf



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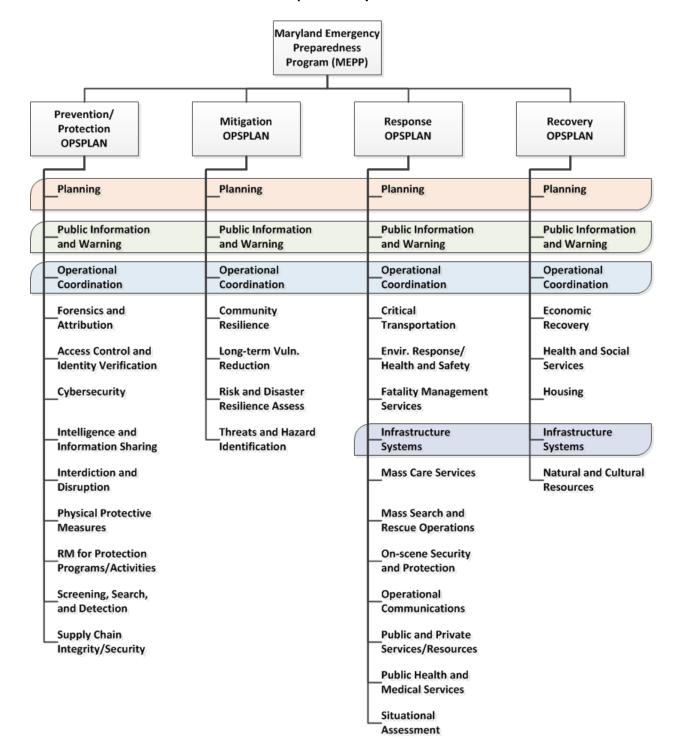


Table 2: Capabilities by Mission Area

In Maryland, "homeland security" is not a specific agency, but instead is the combined mission of all Maryland communities to coordinate emergency preparedness and operations activities across the four mission areas. The MEPP serves as a guide in the execution of this mission.



The TEP is the product of Training and Exercise Planning Workshops (TEPWs) in support of Step 2 of the Maryland Preparedness System: *Set Capability Targets and Estimate Capability Needs*, and drives activities in Step IV: Train on Capability Delivery, and Step 5: *Delivery Capability Through Real-World Events or Exercises*.

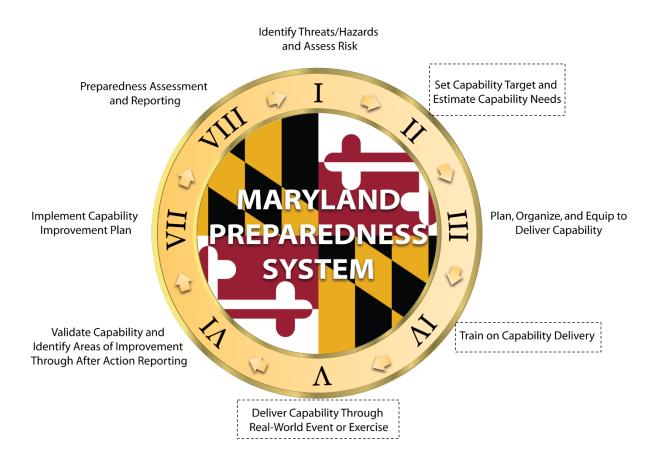


Table 3: Maryland Preparedness System

Maryland's Homeland Security Strategy

The Governor's Office of Homeland Security (GOHS) oversees Maryland's Strategic Goals and Objectives for Homeland Security (Core Goals), which establish the priority policy and programmatic areas for homeland security within the State of Maryland. The Core Goals are an interagency, intergovernmental, and multi-disciplinary listing of the priority areas for Maryland's homeland security. The Core Goals focus on common-sense ways to improve and maintain security, with a focus on "daily use" projects and programs. The Core Goals enable Maryland to coordinate its progress towards achieving the specific objectives that the State is committed to pursuing, and include:

- 1. Interoperable Communications
- 2. Intelligence/Information Sharing



- 3. Hazardous Material (HazMat/Explosive Device Response
- 4. Personal Protective Equipment (PPE) for first responders
- 5. Biosurveillance
- 6. Cybersecurity and Critical Infrastructure Protection
- 7. Training and Exercises
- 8. Closed-Circuit Television (CCTV)
- 9. Mass Casualty/Hospital Surge
- 10. Planning
- 11. Backup Power and Communications
- 12. Transportation Security

Preparedness Assessment and Prioritization

In 2012, the State conducted a comprehensive assessment of homeland security needs, Threat and Hazard Identification and Risk Assessment (THIRA), capabilities, and vulnerabilities. Using these assessments, Maryland's Homeland Security Strategy, and previous After-Action Report/Improvement Plan (AAR/IP) findings, Maryland has identified five priority capabilities on which to focus its planning, organizational changes, equipment acquisition, training, and exercises:

Mission Area	Core Capability	Priority
ALL	Planning	All elements of the Maryland Emergency Preparedness Program- Mission Area Operations Plans are updated, reviewed, and implemented through training and exercises; all 23 counties and 3 cities have updated Emergency Operations Plans for the Response Mission Area, and Hazard Mitigation Plans for the Mitigation Mission Area.
ALL	Public Information and Warning	Facilitate public information and warning for up to 6 million residents and transients across 23 counties and 3 cities for a coordinated, effective response and recovery effort with regard to an all-hazards incident.
ALL	Operational Coordination	Integrate Mission Area operations of Federal, State, and local jurisdictions, and private organizations across the State.
Response	Public and Private Services and Resources	Complete actions to support essential public and private services by restoring power, assisting with fuel supply needs, and taking actions to support maximum functionality of transportation networks.
Response	Situational Assessment	Provide a schedule for, and deliver, regular situation reports and decision tools to decision makers and the public by gathering, analyzing, and reporting incident-related information.



METHODOLOGY AND TRACKING

MEMA's Active Learning and Exercising (AL&E) Branch conducted regional TEPWs with local jurisdictions, Federal, State and private partners to identify scheduled and needed training and exercises. The regional meetings were broken down as follows:

Capital Region:	Central Region:	Lower Eastern Shore (LES) Region:	Southern Region:	Upper Eastern Shore (UES) Region:	Western Region:
Fredrick	Annapolis	Dorchester	Calvert	Caroline	Allegany
County	City	County	County	County	County
Montgomery	Anne Arundel	Ocean	Charles	Cecil	Garrett
County	County	City	County	County	County
Prince George's	Baltimore	Somerset	St. Mary's	Kent	Washington
County	City	County	County	County	County
	Baltimore	Wicomico		Queen Anne's	
	County	County		County	
	Carroll	Worcester		Talbot	
	County	County		County	
	Harford				•
	County				
	Howard				
	County				

Prior to each of these meetings, MEMA developed and distributed a survey to assist with capturing data from funded projects, equipment, training, and plans. AL&E also captured identified gaps from AARs and IPs from real world incidents and exercises of the previous year(s). Information gathered was crosswalked with Maryland's Homeland Security Strategy to revise old State priorities and establish new ones. Following the Maryland TEPWs, data was rolled up to create a multi-year plan outlining capability-based training and exercises in Maryland for the next two years.

Based on the program priorities, an aggressive schedule of training and exercises was documented that will be led by MEMA's AL&E. These events will address the four (4) MEPP mission areas (prevention/protection, mitigation, response, and recovery) so that the objectives for each training and exercise will integrate with the Capabilities and provide the information needed to better prepare for future events. The following Capabilities were identified the most by each region as priorities during their TEPW.



Core Capability	Capital TEPW	Central TEPW	LES TEPW	UES TEPW	Southern TEPW	Western TEPW	State TEPW
Access Control and Identity Verification			х	х		х	х
Community Resilience		Х		х	х	Х	Х
Critical Transportation	х	х			х	х	Х
Economic Recovery		х		х	х		Х
Environmental Response/Health and Safety		х		х	х	х	х
Fatality Management Service	х	х	Х	х	х	Х	Х
Intelligence and Information Sharing	х	х		х		х	х
Mass Care Services	х	х	Х	х	х	х	х
On-scene Security and Protection				х	х	х	х
Operational Coordination	х	Х		х	х	Х	Х
Planning	х	х	Х	х	х	х	
Public Health and Medical Services		х		х	х	х	х
Public Information and Warning		х		х	х	х	X
Situational Assessment	х	х			х	х	x
Threats and Hazard Identification	х		X		х	х	х

Exercises will range from discussion-based exercises (i.e. workshops and tabletops) to operations-based exercises (i.e. drills and full-scale exercises). Each AL&E led exercise will be followed by the creation of a detailed After Action Report/Improvement Plan (AAR/IP). These reports will be used in follow-on training and exercises to ensure that areas for improvement are appropriately identified, tracked, and rectified. Reports will be made available to all stakeholders. As the levels of training and exercises increase in complexity, they will naturally become increasingly challenging for participants and jurisdictions. Using this building-block approach³ to exercising is essential to ensure the overall enhancement of the State of Maryland's vision that "A Prepared Marylander Creates a Resilient Maryland."

³HSEEP Volume 1 (2007) Retrieved from https://hseep.dhs.gov/support/volumel.pdf





ACTIVE LEARNING

2014 - MEMA LED AND/OR COORDINATED TRAINING

2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MEMA (Location TBD)	WebEOC (mSEOC 101 THSEEPICS 300ICS 400Position Spec	raining		 WebEOC (m SEOC 101 T ICS 300 ICS 400 National Plan Position Special 	raining nners Course		 WebEOC (m SEOC 101 T HSEEP ICS 300 ICS 400 Position Spece 	raining		 WebEOC (mo SEOC 101 Tr ICS 300 ICS 400 National Plant Position Specific 	aining ners Course	
MEMA/ DHMH	Healthcare P. Basic Ham R	adio rgency Managen		Functional NMass FatalityICS Position	7		• Recovery Pla	n				
Capital Region	• G358 Evacua	ency Manageme ation and Re-enti ng Coordination	-	Management • G191 Incider System/Emer Interface	nt Command rgency Operation overy from Disast	ns Center	• G557 Rapid	tion for Emerge Assessment Wo Management and	rkshop	• G364 Multi-H Schools • G358 Evacual • G271 Hazardo Preparedness	ion and Re-ent	
Central Region	• G108 Comm Emergency A • AWR-147 R	ail Car Incident l il Evacuation, P	and Response	Course for L G191 ICS/E0 PER-222 Pul Sampling Te PER-231 Pre	ency Management ocal Government ocal Government ocal Guerrace olic Safety WME ochniques and Guevention of and Rebing Incidents	t Property of the Property of	Gov't Role • G288 Local Management • PER-241 WM Course for H	MD Radiologica M Technicians per security: Pre	onation 1 / Nuclear	• G271 Hazardo Preparedness • PER-290 Tan	(AA County)	



2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Western	• G300/G400			• G556 – Local	Damage Assess	sment	• G290 PIO/G2	291 JIC		• G191 - ICS/E	OC Interface	
Region												
Southern	• G775 - EOC	Management and	d Operations	• G191 - ICS/E	OC Interface		• G557 - Rapid	Assessment Wo	orkshop	• G270.4 - Rec	ster	
Region							• G557 - Rapid Assessment Workshop					
UES	• G270.4 - Rec	overy from Disa	ster	• G775 - EOC	Management and	d Operations	• G191 - ICS/E	OC Interface		• G557 - Rapid Assessment Workshop		
Region												
LES	• G557 - Rapid	Assessment Wo	orkshop	• G270.4 - Rec	overy from Disa	ster	• G775 - EOC	Management and	d Operations	• G191 - ICS/E	OC Interface	
Region												



2015 - MEMA LED AND/OR COORDINATED TRAINING

2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct				
MEMA	• WebEOC (m	onthly)		• WebEOC (mo	onthly)		• WebEOC (m	onthly)		• WebEOC (m	onthly)			
(Location	• SEOC 101 T	•		• SEOC 101 Tr	•		• SEOC 101 T	•		• SEOC 101 T				
TBD)	• HSEEP	C		• ICS 300	C		• HSEEP	C		• ICS 300	C			
	• ICS 300			• ICS 400			• ICS 300			• ICS 400				
	• ICS 400			National Plan	ners Course		• ICS 400			National Plan	ners Course			
	• Position Spe	cific Training		• Position Spec	ific Training		Position Spec	cific Training		Position Spec	cific Training			
Capital	• G366 Planni	ng for the Needs	of Children in	• G270.4 Reco	very from Disast	ter, the Local	• G775 EOC N	Ianagement and	Operations	• G202 Debris	Management			
Region	Disaster			Government l	Role		• G108 Comm	unity Mass Care	and	• G386 Mass F	_			
	• G235 Emerg	ency Planning		• G393 Mitigat	ion for Emergen	cy Managers	Emergency A	Assistance		• G272 Warnin				
	• G191 Incide			• G557 Rapid A	Assessment Wor	kshop		ency Manageme			• G272 Warning Coordination			
	-	rgency Operatio	ns Center				Course for L	ocal Governmen	ts					
	Interface													
Central	• G290 Basic	-			tion and Re-entr	•	_	tion for Emerger	•	-	Needs Assessme			
Region	• G291JIC Pla	•			g for the Needs	of Children in		Damage Assessn		• G386 Mass F	atality Incident	Response		
		dvanced Cameo	Applications	Disasters				obilizing Faith E						
	for All-Haza				S Forms Review		-	Organizations in	Preparing for					
	• MGT-331 C	OOP			1 Evacuation 2:	Advanced	Disaster							
				Planning & Ir	nplementation			risis Managemen						
	acon			G264 N. 1.1	- I - I - I - I - I - I - I - I - I - I	DI '		nts for key decisi		CIACIA	10 1 5	. ,		
Western	• COOP				-Hazard Emerge	ncy Planning		Volunteer and D	onations		and Security Ex	ercise and		
Region	2202771			for Schools			Management			Evaluation P	_			
Southern	• G393 Mitiga	tion for Emerge	ncy Managers		unity Mass Care	and	• G2/2 Warnii	ng Coordination		_	ency Manageme	nt Operations		
Region	G202 D 1 :	7.6		Emergency A			G110 F			Course				
UES	• G202 Debris	Management		• G393 Mitigat	ion for Emergen	icy Managers		ency Manageme		G288 Local Volunteer and Donation				
Region								ocal Governmen		Management				
LES		i-Hazard Emerge	ency Planning		olunteer and Do	onation	• G393 Mitiga	tion for Emerger	ncy Managers	• G146 Homeland Security Exercise and				
Region	for Schools			Management						Evaluation P	rogram			





EXERCISING

2014 - MEMA LED AND/OR COORDINATED EXERCISES

2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MEMA	Governor's Q1	TTX		• Governor's	Q2 TTX		Governor's Q	3 TTX		• Governor's	Q4 TTX	
				MEMA State	wide Exercise					MEMA State		
MEMA/DHMH	Executive Leve	el TTX			Preparedness T	TX	Public Health	TTX				
				 Pandemic Fl 	u VTTX							
Capital Region										Capitol Region		
Central Region	Central Region	n Exercise										
Western Region							Western Regi	on Exercise				
Southern Region				Southern Regi	on Exercise							
UES Region				UES Region Ex	ercise							
LES Region							LES Region Ex	ercise				



2014 - OTHER NOTABLE EXERCISES

2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
State Agency	·	•	•	•	•	•	•	·	•	•	•	
MEMA	PBAPS HABPBAPS HABEMAC Natio Transition E	X '14 Dry Run onal Coordinatio	n State	PBAPS HABX '	14 FSE							
DHMH	Statewide Pul Exercise	blic Health Prep	aredness									
MD NG	Vigilant Guard	d FSE		Sailabration D	rill							
MAA/FAA	BWI – EPLEX F	FSE										
MD DOA	ESF-6 TTX											
Capital Region							<u> </u>					
Montgomery Central Region	• ERS/ParkPle • Severe Wea			Health Focuse	d TTX		Health Focus	ed FSE				
Annapolis				Hurricane Pre	paredness Wor	rkshop	Winter Storm	n TTX		5 th Annual Cit	ywide Prep FSE	
Anne Arundel	Mass Fatality	TTX		Mass Arrest T	TX		Shelter Opera	ations FSE				
Baltimore City	• COOP/COG • PIO Exercise	Cyber Terrorism	n TTX				No Notice 6 No Notice 0	EOC Drill Continuity Drill				
Baltimore County	EOC FSE						FSE					
Harford				Harford Comr	nunity College	TTX						
Howard										LPWRP FSE		
Western Region												



2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Southern Region				·		•	•	•				
UES Region												
LES Region												



2015 - MEMA LED AND/OR COORDINATED EXERCISES

2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
MEMA	Governor's Q	1 TTX		Governor's Q2 TTX Governor's Q3 TTX						Governor's Q4 TTX				
				MEMA State	ewide Exercise					 MEMA Stat 	ewide Exercise			
Capital Region				Capitol Region	n Exercise									
Central Region	Central Regio	n Exercise												
Western Region							Western Regio	on Exercise						
Southern				Southern Regi	ion Exercise									
Region														
UES Region				UES Region Ex	ercise									
LES Region							LES Region Exe	ercise						



2015 - OTHER NOTABLE EXERCISES

2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
State Agency												
Capital Region				•			1			1		
Central Region				•			1			1		
Annapolis										6 th Annual Cit	ywide Prep FSE	
Western Region				•			1			1		
Southern Region												
UES Region												
LES Region							•			•		





APPENDEX A: ACRONYMS

Acronym	Stands For
AAR	After Action Report
AL&E	Active Learning and Exercising
BWI	Baltimore Washington International
CAMEO	Computer-Aided Management of Emergency Operations
CCTV	Closed Circuit Television
COG	Continuity of Government
COOP	Continuity of Operations Plan
DHMH	Maryland Department of Health and Mental Hygiene
DHS	Department of Homeland Security
DOA	Maryland Department of Aging
EMAC	Emergency Management Assistance Compact
EOC	Emergency Operations Center
EPLEX	Emergency Plan Exercise
ERS	Emergency Response System
ESF	Emergency Support Function
FAA	Federal Aviation Administration
FSE	Full-scale Exercise
GIS	Geographic Information Systems
G & T	Preparedness Directorate's Office of Grants and Training
HABX	Hostile Action Based
HazMat	Hazardous Materials
HM	Hazmat
HSEEP	Homeland Security Exercise and Evaluation Program
ICS	Incident Command System
IP	Improvement Plan
JIC	Joint Information Center
LES	Lower Eastern Shore
LPWRP	Little Patuxent Water Reclamation Plant
MAA	Maryland Aviation Administration
MC	Montgomery County
MDNG	Maryland National Guard
MEMA	Maryland Emergency Management Agency
PBAPS	Peach Bottom Atomic Power Station
PIO	Public Information Officer
PPE	Personal Protective Equipment
SEOC	State Emergency Operations Center
TEP	Training and Exercise Plan



Acronym	Stands For
TEPW	Training and Exercise Planning Workshop
THIRA	Threat and Hazard Identification and Risk Assessment
TTX	Tabletop Exercise
UES	Upper Eastern Shore
WMD	Weapons of Mass Destruction

