3.0 The Goal of Protection

OBJECTIVE	3.1: PROT	ECTION OF F	MERGENCY	RESPONSE PERSONNEL		
		L				
(The Technic maintain the p	ian/Specialist vrotective clothi	will demonstra ng for a given i	te the ability to	select, inspect, donn/doff and		
Intent This objective is derived from NRT-1, Planning Element C, Response Function 8: Response Personnel Safety and the OSHA Final Rule on Hazardous Waste Operations and Emergency Response at 29 CFR 1910.120 and the EPA Rule 40 CFR Part 311 on the same subject, as well as the OSHA Rule 29 CFR 1910.156., 29 CFR 1910.134. This objective provides a framework for the evaluation of an organization's ability to protect the health and safety of personnel responding to a hazardous materials Incident/Accident.						
select, wear a	nd operate safe the technical	ely in protectiv	e clothing. The	nt of the associated hazards to Emergency Response Agency clothing to protect Emergency		
Was this Object	ye ctive Met	s no	n/a n/o	Time		
		** **				
Evaluator Sign	nature			Date		
Criteria:						
3.1.1 Demoi	strate the know	vledge, skills &	à ability necessa	ary to identify the proper level		
3.1.1 Demoi of protective of	lothing for a gi	ven situation.	·			
3.1.1 Demoi of protective c 3.1.1.1 and respirator	lothing for a gi Did the Respo	ven situation. onse Personnel uired?(NFA HM	select level "A' MOSP)	when the highest level of skin		
3.1.1 Demoi of protective of 3.1.1.1	lothing for a gi Did the Respo	ven situation. onse Personnel	select level "A'			
3.1.1 Demoi of protective of 3.1.1.1 and respiratory yes ————————————————————————————————————	Did the Responsible value of the Responsible required to the Responsible respo	ven situation. onse Personnel uired?(NFA HN n/a onse Personnel	select level "A' MOSP) n/o ———	when the highest level of skin time when a lesser level of skin		
3.1.1 Demoi of protective of 3.1.1.1 and respiratory yes 3.1.1.2 protection but	Did the Responsible Value of the Responsible V	ven situation. onse Personnel uired?(NFA HM n/a onse Personnel s respiratory was	select level "A' MOSP) n/o —— select level "B" required?(NFA	when the highest level of skin time when a lesser level of skin HMOSP)		
3.1.1 Demoi of protective of 3.1.1.1 and respiratory yes 3.1.1.2 protection but yes 3.1.1.3	Did the Responsion of the Resp	onse Personnel	select level "A' MOSP) n/o select level "B" required?(NFA n/o select level "C"	when the highest level of skin time when a lesser level of skin HMOSP)		
3.1.1 Demoi of protective of 3.1.1.1 and respiratory yes 3.1.1.2 protection but yes 3.1.1.3 respiratory was	Did the Responsion of the Resp	onse Personnel	select level "A' MOSP) n/o select level "B" required?(NFA n/o select level "C"	time when a lesser level of skin HMOSP) time when a lesser level of skin when a lesser level of skin		
3.1.1 Demoi of protective of 3.1.1.1 and respiratory yes 3.1.1.2 protection but yes 3.1.1.3 respiratory wathough yes 3.1.1.4	Did the Responsive would be required and no	onse Personnel strespiratory was n/a ———————————————————————————————————	select level "A' MOSP) n/o select level "B" required?(NFA n/o select level "C" use of air purify n/o el select bunke	when the highest level of skin time when a lesser level of skin HMOSP) time when a lesser level of skin and ying respirators was met?(NFA		

3.1.1.5 when protection HMOSP)				y Approach/Crash Fire Rescue source was necessary?(NFA
yes	no	n/a	n/o	time
water condition yes	ns was necessar no	y?(NFA HMO: n/a ———	SP) n/o ——	rsion suit when protection from time operational tasks in Level "A"
chemical prote		,	1	
and a self extri		oves, outer glo (NFA HMOSP)	ves, respirator	ecessary equipment (chemical y protection, communications
yes	no	n/a	n/o	time
	VI	3	<u> </u>	
3.1.2.2 yes	Did the Respond	nse Personnel in n/a	nspect the CPC n/o	prior to use?(NFA HMOSP) time
3.1.2.3 prior to use?(Nyes			do a system ch	neck on respiratory protection time
	7—————			
3.1.2.4 use?(NFA HM			•	ck on communications prior to
yes	no	n/a	n/o	time
		onning respirate	ory protection?(to the waist (including boots, (NFA HMOSP) time
3.1.2.6 protection?(NF	Did the Re FA HMOSP)			and donn the respiratory
yes ——	no ——	n/a 	n/o 	time ———
3.1.2.7 briefing was co	Did the Respo	A HMOSP)		-by position until the pre entry
yes 	no	n/a 	n/o	time
	nunication?(NF	A HMOSP)	10 20	ignals used as an alternate
yes	no	n/a	n/o	time
				

7 n

3.1.2.9 suit?(NFA HM		onse Personne	el adjust radi	io communication inside the
yes	no	n/a	n/o	time
			-	
3.1.2.10 garment?(NFA	Did the Resp HMOSP)	oonse Personr	nel clear the	face piece from inside the
yes	no	n/a	n/o	time
			(I	8
3.1.2.11 HMOSP)	Did the Respo	900		luced profile in the CPC?(NFA
yes	no	n/a	n/o	time
			-	-
garment if it be	came necessary	y?(NFA HMOS	P)	ability to self extricate from the time
yes	no	n/a	n/o	ume
3.1.3 Demon	strate the abilit	y to donn and I	erform simple	operational tasks in Level "B"
suit, boots,	Did the Respo booties, in is)?(NFA HMC	ner gloves,	assemble the n outer glove	ecessary equipment (chemical s, respiratory protection,
yes	no	n/a	n/o	time
Seaton Commission of the Commi	3	N N	-	-
	Did the Respondence	nse Personnel in n/a	nspect the CPC n/o	prior to use?(NFA HMOSP) time
3.1.3.3 use?(NFA HM	Did the Respon	nse Personnel d	o a system che	ck on communications prior to
		n/a	n/o	time
E 117.710.51730				-
booties, inner g	gloves before do	onning respirate		to the waist (including boots, (NFA HMOSP)
3.1.3.5 protection?(NF	Did the Res A HMOSP)	sponse Perso	nnel stand	and donn the respiratory
yes	no	n/a	n/o	time
	-			
3.1.3.6 briefing was co	Did the Respon	nse Personnel a MMOSP)	assume a stand-	-by position until the pre entry
yes	no	n/a	n/o	time
77 V -W			***************************************	

3.1.3.7 means of com	munication?(NF		cnow the nand s	signals used as an alternate
yes	no	n/a	n/o	time
			-	
3.1.3.8 HMOSP)	Did the Respo	onse Personnel	perform the red	luced profile in the CPC?(NFA
yes	no	n/a	n/o	time
		-		
3.1.4 Demor		ty to donn and	perform simple	e operational tasks in Level "C"
3.1.4.1 suit, boots, communicatio		ner gloves,		necessary equipment (chemical es, respiratory protection,
yes	no	n/a	n/o	time
	***************************************	**************************************		
3.1.4.2	Did the Respo	nse Personnel i	nspect the CPC	prior to use?(NFA HMOSP)
yes	no	n/a	n/o	time
			-	
3.1.4.3 prior to use?(N	Did the Respo	onse Personnel	do a system c	heck on respiratory protection
yes	no	n/a	n/o	time
			2000000000000000000000000000000000000	
3.1.4.4 use?(NFA HM		nse Personnel	do a system che	eck on communications prior to
yes	no	n/a	n/o	time
	-			

Explanation:

The Emergency Response Agency should demonstrate the capability to provide protective equipment and clothing to responders based upon the organization's safety and health plan. It should demonstrate the capability to use the results of ongoing incident assessment to determine the level (Level A, B, or C) and types of protection to be provided against identified hazards. It should demonstrate the capability to ensure that no emergency worker enters the <u>Restricted Zone</u> without the required protective equipment and clothing. It should demonstrate the capability to establish and maintain rules for the use of protective equipment by responders while in the <u>Restricted Zone</u>. It should demonstrate the capability to ensure that the operations of workers within the <u>Restricted Zone</u> are under the supervision of a <u>Safety Officer</u>, who has the authority to alter or suspend emergency operations as necessary to protect the workers.

OBJECTIVE		ECTIVE ACT					
(Demonstrate	the capability to	decide upon a	nd direct the in	mplementation of	protective		
actions for the	actions for the public. In Addition demonstrate the capability to decide upon and direct the implementation of protective actions for the public.)						
implementatio	n of protective	actions for the	public.)				
		4 14 COMMON					
Intent This o	bjective is deri	ved from NRT	-1, Planning I	Element C, Respo	nse Function 9:		
Personal Prote	ection of Citize	ns. This object	ive provides a	a framework for the	ne evaluation of		
an emergency	response's abi	lity to promptl	y assess the s	severity of the har	zard, determine		
the actions to l	be recommende	ed, and impleme	ent those actic	ons for the protecti	on of the public		
and Special Po	opulations.			•	the section of the se		
This objective							
	ive action decis						
issuing	directives nece	essary to initiate	the implement	ntation of protective	ve actions		
 suppor 	ting the implen	nentation of pro	tection action	for Special Popul	ations		
The impleme	ntation of thes	se selected pro	otective actio	ns is addressed	in other goals,		
objectives & n	nethodologies.	Aspects of the	implementati	on of evacuation a	and sheltering is		
covered in Ob	jective 7, which	h addresses the	issuance of i	nstructions on pro	tective actions.		
Objective 11 of	leals with traffi	c and access co	ontrol. Object	ive 12 deals with	monitoring and		
decontamination	on of evacuees.		•		Ç		
This objective	e is closely rel	ated to Object	ive 3: Incide	nt Assessment.	Input from this		
objective is cri	tical to decision	n making on pro	otective action	s.	1		
10.50				Promise .			
CONTROL OF THE CONTROL OF	yes	s no r	ı∕a n/o	Time			
Was this Object			n/a n/o 	Time			
	ctive Met		n/a n/o 				
Was this Object Evaluator Sign	ctive Met		n/a n/o 	Time			
	ctive Met		n/a n/o — —				
Evaluator Sign	ctive Met		n/a n/o				
	ctive Met		n/a n/o — —				
Evaluator Sign	ature	×		Date			
Evaluator Sign Criteria: 3.2.1 Did the	etive Met	esponse Agenc	y demonstrate	Date_	kills & ability		
Evaluator Sign Criteria: 3.2.1 Did the necessary to is	etive Met	esponse Agenc	y demonstrate	Date	kills & ability		
Evaluator Sign Criteria: 3.2.1 Did the	e Emergency Results directives in	esponse Agenc ecessary to init	y demonstrate	Date	kills & ability		
Evaluator Sign Criteria: 3.2.1 Did the necessary to is	e Emergency Results directives in	esponse Agenc	y demonstrate	Date	kills & ability		
Evaluator Sign Criteria: 3.2.1 Did the necessary to is explanations)	e Emergency Results directives in	esponse Agenc ecessary to init	y demonstrate	Date	kills & ability		
Criteria: 3.2.1 Did the necessary to is explanations) yes	e Emergency Resue directives no	esponse Agenc eccessary to init	y demonstrate iate and direct	the knowledge, slat public protection time	kills & ability actions? (see		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the	e Emergency Resue directives no	esponse Agence ecessary to inite n/a esponse Agence	y demonstrate iate and direct n/o cy demonstrate	the knowledge, so time	kills & ability actions? (see		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the necessary to so	e Emergency Resue directives no	esponse Agence ecessary to inite n/a esponse Agence	y demonstrate iate and direct n/o cy demonstrate	the knowledge, slat public protection time	kills & ability actions? (see		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the	e Emergency Resue directives no	esponse Agenc lecessary to init n/a esponse Agenc ementation of	y demonstrate iate and direct n/o y demonstrate	the knowledge, so time	kills & ability actions? (see		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the necessary to so	e Emergency Resue directives no	esponse Agence ecessary to inite n/a esponse Agence	y demonstrate iate and direct n/o cy demonstrate	the knowledge, so time	kills & ability actions? (see		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the necessary to sa as schools?	e Emergency Resue directives no no Emergency Resue directives no no Emergency Resupport the impli	esponse Agenc lecessary to init n/a esponse Agenc ementation of	y demonstrate iate and direct n/o y demonstrate	the knowledge, slat public protection time time the knowledge, slat public protection time	kills & ability actions? (see		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the necessary to so as schools? yes	e Emergency Resue directives no no Emergency Resue directives no no Emergency Resupport the impleno	esponse Agence n/a esponse Agence ementation of n/a	y demonstrate iate and direct n/o ry demonstrate protective act	the knowledge, slat public protection time time the knowledge, slat public protection time time time time time time	kills & ability actions? (see		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the necessary to so as schools? yes 3.2.3 Did the	e Emergency Results and the Emergency Results are implemented in the i	esponse Agence n/a esponse Agence ementation of n/a esponse Agence ementation of n/a esponse Agence esponse e	y demonstrate iate and direct n/o sy demonstrate protective act n/o y demonstrate	the knowledge, slat public protection time et the knowledge, slat time time time time time time time time time	kills & ability actions? (see skills & ability opulations such		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the necessary to so as schools? yes 3.2.3 Did the necessary to so as schools?	e Emergency Resport the imple	esponse Agence n/a esponse Agence ementation of personne ementation ementa	y demonstrate iate and direct n/o sy demonstrate protective act n/o y demonstrate rotective action	the knowledge, slat public protection time time the knowledge, slat public protection time time time time time time	kills & ability actions? (see skills & ability opulations such		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the necessary to so as schools? yes 3.2.3 Did the necessary to so as special institutions.	e Emergency Rosport the imple tutions (hospita	esponse Agency n/a esponse Agency ementation of p agency esponse Agency ementation of p ls / day care ce	y demonstrate iate and direct n/o ry demonstrate protective act n/o y demonstrate rotective actionters)?	Date	kills & ability actions? (see skills & ability opulations such		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the necessary to so as schools? yes 3.2.3 Did the necessary to so as schools?	e Emergency Resport the imple	esponse Agence n/a esponse Agence ementation of personne ementation ementa	y demonstrate iate and direct n/o sy demonstrate protective act n/o y demonstrate rotective action	the knowledge, slat public protection time et the knowledge, slat time time time time time time time time time	kills & ability actions? (see skills & ability opulations such		
Criteria: 3.2.1 Did the necessary to is explanations) yes 3.2.2 Did the necessary to so as schools? yes 3.2.3 Did the necessary to so as special institutions.	e Emergency Rosport the imple tutions (hospita	esponse Agency n/a esponse Agency ementation of p agency esponse Agency ementation of p ls / day care ce	y demonstrate iate and direct n/o ry demonstrate protective act n/o y demonstrate rotective actionters)?	Date	kills & ability actions? (see skills & ability opulations such		

3.2.4 D	oid the Emerger	ncy Response Ag	gency demonstr	rate the knowledg	e, skills & ability
necessary	to move speci	al populations to	relocation area	s along preplanne	d routes?
yes	no	n/a	n/o	time	
***********			s s	3	
3.2.5 D	id the Emerger	ncy Response Ag	gency demonstr	rate the knowledg	e, skills & ability
necessary	to support the	implementation	shelter in place	operations?	n a
yes	no	n/a	n/o	time	
				(-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	

Explanation:

The Emergency Response Agency should demonstrate the capability to provide the results of ongoing incident assessment to officials responsible for protective action decisions. These officials should demonstrate the capability to use data provided on the hazards posed by the material involved in the *Incident/Accident* to determine the risk to public health and safety and the protective actions necessary to reduce this risk.

The Emergency Response Agency should demonstrate the capability to determine the geographical areas within which the public is at risk of exposure to the plume produced by the *Incident/Accident*. It should demonstrate the capability to determine when the plume will reach the affected area, how long it will remain over the area, how persons could be exposed to the hazardous materials involved, and the potential harm that could come from such exposure.

Based upon these determinations the Emergency Response Agency should demonstrate the capability to determine which protective action (e.g., sheltering or evacuation, alone or in combination) would provide the most effective protection from this potential exposure.

The Emergency Response Agency should demonstrate the capability to revise the calculations described above as conditions change and to make appropriate adjustments in protective action strategies.

The Emergency Response Agency should demonstrate the capability to issue directives to units of the Emergency Response Agency to initiate the implementation of protective actions. It should demonstrate the capability to monitor the results of the implementation efforts and to issue new directives as necessary to keep the implementation on track.

The Emergency Response Agency should demonstrate the capability to notify school system and other institutional officials of the existence of an *Incident/Accident* and to provide protective action recommendations for evacuation or sheltering-in-place.

If sheltering-in-place is the recommended protective action, the Emergency Response Agency should demonstrate the availability of plans and procedures for providing assistance to accomplish such actions.

The demonstration of the capability to evacuate <u>Special Populations</u> could be expanded to include the actual deployment and movement of some of the vehicles needed by members of <u>Special Populations</u> from pickup points to specified <u>Reception Centers</u>. If volunteers simulate persons needing medical evacuation; the demonstration should include the provision of assistance to persons in all phases of their evacuation.

(Demonstrat	E 3.3: RI	ESPONSE PE to protect eme	RSONNEL rgency response	HEALT onder hea	H & SAF alth and sa	ETY afety.)
Response Pe and 29 CFR emergency	ersonal Safet R 1910.156. response ag	y and the OSI This objective	HA Final Rive provides to protec	ale 29 Cl	FR 1910. ework for	Response Function 8 120, EPA 40 CFR 31 the evaluation of a safety of emergenc
Note: This	criteria for th	nis objective is	base on the	exercise	being co	nducted
Was this Obj	ective Met	yes no	n/a 	n/o	Time	
Evaluator Sig	gnature					Date
Criteria:						
3.3.1 Did to necessary to system", in g	ensure that c	perations in h	gency demo azardous ar	onstrate t eas are p	he knowle erformed	edge, skills & ability in the "buddy
yes	no	n/a	n/o		time	
3.3.2 Did t necessary to transportation	o provide er	nergency ass	Agency dem istance, res	onstrate scue, fir	the know st aid, or	ledge, skills & ability emergency medical
yes	no	n/a	n/o		time	
P	-					
3.3.3 Did to level of prote D)	he Emergencection for the	y Response A exposed perso	gency demo onnel in the	enstrate the area of r	he knowle efuge at t	edge to determine the his operation? (Level
yes	no	n/a	n/o		time	
(************)			\$1.00 tol			
level of prote	ection for the	Entry Team at	t this operati	nstrate thon? (Lev	/el "A")	edge to determine the
yes	no	n/a	n/o		time	
		-	****			
3.3.5 Did the level of prote acceptable)	he Emergencection for the	y Response A Back-up Tean	gency demo n at this ope	nstrate thration? (ne knowle Same as E	edge to determine the Entry or Greater is
yes	no	n/a	n/o		time	
	***************************************	**************************************	-	-		
3.3.6 Did the level of prote than Entry &	ction for the	y Response A Decon Team	gency demo at this opera	nstrate th	ne knowle reater, Sar	dge to determine the me or one Level lower

yes	no ——	n/a 	n/o	time				
level of protec	tion for the Haz	-Mat Officer at	this operation?	ne knowledge to determine the (Dependent on the position of D" could be acceptable)? time				
level of protec	3.3.8 Did the Emergency Response Agency demonstrate the knowledge to determine the level of protection for the Safety Officer at this operation? (Dependent on the position of the officer during different phases of the operation Level "D" could be acceptable)							
yes ——	no ——	n/a ——	n/o	time				
level of protec	e Emergency Retion for the Inci nt phases of the	dent Command	ler? (Dependent	ne knowledge to determine the on the position of the officer acceptable)				
yes	no	n/a	n/o	time				
3.3.10 determine the yes	Did the Eme level of protection	rgency Responsion for the First	nse Agency de Responders? (In/o	emonstrate the knowledge to Level "D" could be acceptable) time				
3.3.11 necessary to fi	Did the Emerg		Agency demo	nstrate the knowledge and skills				
yes	no	n/a	n/o	time				
			2 -3	(And the second of the second				
3.3.12 necessary to a yes	ssign a safety o	gency Response fficer to the sce n/a	ne?	nstrate the knowledge and skills time				
3.3.13 necessary to equipment?				nstrate the knowledge and skills am equipped with extrication				
yes	no	n/a 	n/o 	time				
3.3.14 necessary to h	Did the Emergave decontaming			nstrate the knowledge and skills time				
3.3.15 necessary to c	Did the Emergonduct medical no			nstrate the knowledge and skills re entry? time				

Explanation:

The Emergency Response Agency should demonstrate that the personal protective equipment provided to fire fighters involved in operations beyond the initial stages of any *Incident/Accident* meets the criteria contained at 29 CFR 1910.156(e).

The Emergency Response Agency should demonstrate the capability to ensure that all emergency responders exposed to hazardous materials presenting an actual or potential inhalation hazard wear positive pressure self-contained breathing apparatus while engaged in emergency response, until the IC determines that conditions allow them to dispense with this equipment.

OBJECTIVE 3.4:	DECON'	TAMINATION	G, SCREENIN ON OF PUBLI	IG, AND C & RESPON	SE	
PERSONNEL (Demonstrate the ability to monitor and control hazardous materials decontamination of the public through an appropriate contamination screening, decontamination, and tracking process.)						
Intent This object Human Services organization's abil registration of evac	. This obje ity to provide	ctive provie for hazardo	des a framew us materials m	ork for the	evaluation of an	
This objective for evacuated from the contaminate decontaminate victim track	e affected area tion screening nation	of a hazardo	ous materials in	ng with perso	ons who may be	
Was this Objective		no i	n/a n/o	Time		
					<i>n</i> =	
Evaluator Signatur	·e			Da	ıte	
Criteria:						
	narganari Daa	(4)				
necessary to	implement it	s procedures				
necessary to	implement it on? (see expla	s procedures				
necessary to contamination	implement it on? (see expla n energency Res ement its proce	s procedures nation) /a ponse Agend	n/o cy demonstrate	time the knowledg	on, and control of	
necessary to contamination yes no	implement it on? (see expla n energency Res ement its proce n energency Res and perform	s procedures nation) /a ponse Agencedures for re /a ponse Agence Basic Gross	n/o cy demonstrate gistration? (see n/o y demonstrate Decontaminati	time the knowledge explanation) time time the knowledge	on, and control of e, skills & ability	
necessary to contamination yes no	implement it on? (see expla n energency Res ement its proce n energency Res and perform	s procedures nation) /a ponse Agencedures for re /a ponse Agence	n/o cy demonstrate gistration? (see n/o y demonstrate	time the knowledge explanation) time the knowledge	on, and control of e, skills & ability	
necessary to contamination yes no	implement it on? (see expla n energency Resement its proce n e	s procedures nation) /a ponse Agencedures for re /a ponse Agence Basic Gross /a ponse Agence	n/o cy demonstrate gistration? (see n/o y demonstrate Decontaminati n/o y demonstrate	time time the knowledge explanation) time the knowledge ion? time	on, and control of e, skills & ability, skills and ability	
necessary to contamination yes no	implement it on? (see expla n mergency Res ment its proce n mergency Res and perform n mergency Res and perform	s procedures nation) /a ponse Agencedures for re /a ponse Agence Basic Gross /a ponse Agence	n/o cy demonstrate gistration? (see n/o y demonstrate Decontaminati n/o y demonstrate	time time the knowledge explanation) time the knowledge ion? time	on, and control of e, skills & ability, skills and ability	
necessary to contamination yes no no necessary to imple yes necessary to imple yes necessary to imple yes no necessary to imple yes no necessary to imple yes necessary to imple	mergency Research and perform nergency Research and perform	s procedures nation) /a ponse Agence edures for re /a ponse Agence Basic Gross /a ponse Agence Basic Gross /a ponse Agence	n/o n/o cy demonstrate gistration? (see n/o y demonstrate Decontaminati n/o y demonstrate tamination? n/o	time time the knowledge explanation) time the knowledge ion? time the knowledge ion? time the knowledge	on, and control of e, skills & ability, skills and ability, skills and ability	
necessary to contamination yes no	mergency Resement its process and perform numbers and numb	s procedures nation) /a ponse Agencedures for re /a ponse Agence Basic Gross /a ponse Agence Basic Gross /a ponse Agence Agence Field Decone /a ponse Agence Field Decone	n/o cy demonstrate gistration? (see n/o y demonstrate Decontaminati n/o y demonstrate tamination? n/o y demonstrate tamination?	time time the knowledge explanation) time the knowledge ion? time the knowledge time the knowledge	, skills and ability	

3.4.6 Did the to select and u yes	e Emergency R se the appropria	esponse Agenc ate decontamina n/a	y demonstrate thation solution for n/o	he knowledge, skills and ability r the chemical given? (bleach) time
				
3.4.7 Did the to mix the solution	e Emergency R ution properly w	esponse Agency with water in the n/a	y demonstrate the applicator?	he knowledge, skills and ability
yes	110	ща	11/0	ume
	()			
to properly ap	ply the solution	starting from t	he head and wo	he knowledge, skills and ability rking to the toe?
yes	no	n/a	n/o	time
SHEET WOLLD-E	0,	***		
knowledge, sk	Emergency Reills and ability	to avoid direct of	contact?	con demonstrate the
yes	no	n/a	n/o	time
		***************************************	-	
3.4.10 and ability to a	Did the Emerg	gency Response tamination?	Agency demor	nstrate the knowledge, skills
yes	no	n/a	n/o	time
3001833		***************************************	S. S	
	establish a prior		decontamination	nstrate the knowledge, skills on of personnel and follow the
yes	no	n/a	n/o	time
				-
3.4.12 and ability to e	Did the Emerg	gency Response	Agency demor	astrate the knowledge, skills s?
yes	no	n/a	n/o	time
Explanation:				
The Emergence for contaminat	y Response Ag ion by hazardo	ency should der us materials up	monstrate that it on their departu	t has the capability to monitor re from the <i>Hot Zone</i> . It

The Emergency Response Agency should demonstrate that it has the capability to monitor for contamination by hazardous materials upon their departure from the <u>Hot Zone</u>. It should demonstrate the capability to decontaminate New York City Fire Department either before or after this monitoring. Some Emergency Response Agencies of the City of New York may routinely decontaminate workers and then re-monitor to make sure that they are decontaminated.

Explanation:

As a result of a hazardous materials incident, people may be instructed to leave the affected area. If such a protective action is implemented, the Emergency Response Agency should demonstrate the availability of one or more "Reception Centers" or "personnel processing points."

The Emergency Response Agency should demonstrate the capability to minimize possible contamination of the *Facility*. It should demonstrate the capability to segregate "clean" from potentially contaminated areas. It should also demonstrate the capability to separate males and females during the decontamination process.

The Emergency Response Agency should demonstrate the availability of sufficient staff, equipment, and procedures necessary to detect, decontaminate, and prevent cross-contamination. The Emergency Response Agency should demonstrate the capability to implement and utilize specific procedures and equipment in carrying out their tasks to screen and decontaminate evacuees.

The Emergency Response Agency should demonstrate the capability to process evacuees through the screening process in an orderly fashion. For example, evacuees should enter the *Reception Center* at one designated and controlled entrance. The evacuees should be asked several general questions related to what area they arrived from, how they are feeling physically, etc.

The Emergency Response Agency should demonstrate the use of procedures for determining if evacuees are contaminated. The Emergency Response Agency should demonstrate the capability to perform monitoring procedures. This may be accomplished by utilizing personnel from various response Emergency Response Agencies of the City of New York such as the fire department, regional hazmat response teams, law enforcement or perhaps county or state personnel who have been activated. The Emergency Response Agency should also demonstrate the availability of medical personnel, to organize contaminated evacuees and begin decontamination procedures.

If an evacuee is found to be contaminated, the Emergency Response Agency should demonstrate the capability to decontaminate evacuees through the use of procedures entailing removal and control of contaminated clothing and other articles and the use of shower facilities. It should demonstrate the capability to contain the spread of contamination through such measures as segregating contaminated and uncontaminated persons, providing changes of clothing for persons who do not have uncontaminated clothing with them, and storing contaminated clothing to prevent further contamination of evacuees or "clean" clothes. It should demonstrate the capability to re-monitor persons who have been decontaminated.

The Emergency Response Agency should demonstrate the capability to refer significantly contaminated individuals who cannot be adequately decontaminated to a medical *Facility*. It should demonstrate the capability to establish and maintain records for persons who are seriously contaminated.

Following the screening, and if necessary, decontamination processes, the Emergency Response Agency should demonstrate the capability to register evacuees. This function may be managed by volunteer Emergency Response Agencies of the City of New York such as the Red Cross, Salvation Army, a local civic or church group, or a county agency such as the Department of Human Services. Registration procedures generally include recording of vital information about each evacuee such as name, address, results of monitoring and time of decontamination if any. Typically this information is recorded on a standardized form designed for evacuee registration.

The Emergency Response Agency should demonstrate the capability to use the registration records as means for locating and reuniting families and providing a record of monitoring results. It should also demonstrate the capability to provide to a central location, a list of those evacuees registered from all open <u>Reception Centers</u>s.

The Emergency Response Agency should demonstrate the availability of sufficient staff, equipment, and procedures necessary to detect, decontaminate, and prevent cross-contamination of vehicles arriving at the <u>Reception Center</u>. The Emergency Response Agency should demonstrate the capability to make a decision on each monitored vehicle, based on action levels appropriate for the hazardous material(s) involved in the <u>Incident/Accident</u>, whether it is or is not contaminated.

The Emergency Response Agency should demonstrate the capability to:

segregate contaminated vehicles from clean vehicles prevent contact of clean persons with contaminated vehicles, and the decontamination process for vehicles provide sufficient parking for the anticipated number of evacuees and to isolate contaminated vehicles

The Emergency Response Agency should demonstrate the capability to either decontaminate the vehicles immediately, or because of the chemical(s) involved, park the vehicles and in a secured area awaiting further equipment and instructions on the proper procedures necessary to adequately clean the vehicles and at the same time manage the waste.

OBJECTIVE 3			ICAL SERVIC		rs.z
(Demonstrate t				HE RECEIVING FACILIT ment, and vehicles for	l Y
				e adequacy of medical	
personnel and	facilities to sup	port the operat	ion.)		
Intent This of	niective is deriv	ved from NRT	1 Planning Ele	ement C, Response Functi	on 7:
Health and M	edical. This	objective pro	vides a framev	work for the evaluation of	of an
organization's	ability to pro	vide emergen	cy medical ser	vice and treatment during	g the
				al that a Emergency Resp can receive appropriate me	
care without ur	mecessary risk	to the medical	personnel and f	facilities used in treatment.	uicai
This objective	focuses on the	capabilities of t	he Emergency I	Medical Service (EMS)	
personnel to de	termine the nat	ture and extent	of injury or con	tamination to an accident ures identify and transport t	ha
				nications with the receiving	
medical Facilit					9
	1		·	1 1 6 1 1 7	
establish appro	d staff member	rs at the <i>Facili</i>	<u>ry</u> prepare for t	the arrival of the patient(s) her the victim(s) has extern) and
internal conta	mination and	if necessary i	emove the ext	ternal contamination mai	ntain
contamination	control measur	es during and a	fter treatment o	f patient(s)	
Was this Ohios	yes	s no	n/a n/o	Time	
Was this Objec	tive Met	-			
II.					
Evaluator Sign	ature			Date	
Evaluator Sign	ature			Date	 -
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Evaluator Sign	ature			Date	
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yes	no	n/a	n/o	time				
3.5.5 At a minimum, did EMS personnel should demonstrate the capability to keep the patient quiet and maintaining normal body temperature?								
yes	no	n/a	n/o	time				
3 (1800 - 		A	-					
	3.5.6 At a minimum, did EMS personnel should demonstrate the capability to implement contamination control measures?							
yes ———	no ———	n/a 	n/o	time				
				capability of a contamination contamination? time				
				ate the capability to line the ective covering?				
	ninimum, did El s in a sealed she no		nould demonstr	ate the capability of wrapping time				
3.5.10 medical <i>Facility</i> es				ates the capability to identify a asports the victim.?				
3.5.11 communication yes		n, did EMS perso viving medical <u>F</u> n/a		ate the capability to maintain				
								
3.5.12 for arrival of t	At a minimum he individual ar no	n, the receiving rand set up approp	medical <i>Facility</i> riate contamina n/o	complete effective preparations tion control?				
// <u></u>	W							
3.5.13 Did receiving medical <u>Facility</u> demonstrate the capability to implement procedures to ensure the controlled area is isolated and self-contained by keeping all doors leading to the area closed?								
yes	no	n/a	n/o	time				
10	()		E	·				
3.5.14 procedures to the medical <i>Fa</i>	ensure ventilati	medical <i>Facilit</i> y on systems are	demonstrate the defilitered or indep	ne capability to implement bendent of other systems within				
yes	no	n/a	n/o	time				
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Effective Octo	ber 27, 1995		se Agencies of t ge 60	he City of New York				

3.5.15 procedures to yes				te the capability to implement amination within the area? time			
3.5.16 Did receiving medical <u>Facility</u> demonstrate the capability to implement procedures to ensure appropriate warning signs are in place?							
yes	no	n/a	n/o	time			

3.5.17 Did receiving medical <u>Facility</u> demonstrate the capability to implement procedures to ensure unnecessary equipment is either removed or covered? yes no n/a n/o time							
	-	*****	7A	-			
3.5.18	Did receiving	medical Facil	lity demonstra	te the canability to implement			
3.5.18 Did receiving medical <u>Facility</u> demonstrate the capability to implement procedures to either remove or cover necessary equipment, including a portable x-ray machine, if applicable?							
yes	no	n/a	n/o	time			
-	-	-	**************************************				
3.5.19 Did receiving medical <u>Facility</u> demonstrate the capability to implement procedures to a buffer zone separating the controlled area from the rest of the <u>Facility</u> is established?							
yes	no	n/a	n/o	time			

3.5.20 Did receiving medical <u>Facility</u> demonstrate the capability to implement procedures to ensure medical <u>Facility</u> staff who have direct contact with contaminated individuals take the necessary precautions to avoid contact with the contamination? yes no n/a n/o time							
3.5.21 Did receiving medical <u>Facility</u> demonstrate the capability to implement procedures to ensure that if an individual has external or internal contamination and, if necessary, removes the external contamination?							
yes	no	n/a	n/o	time			
·		Miles III					
3.5.22 procedures to eyes				te the capability to implement and after treatment of patient? time			
1.		39					
Explanation:							
Upon arrival at the scene, the EMS personnel should demonstrate the capability to assess the situation and establish a protective zone around the injured or contaminated person(s). The EMS personnel should also determine from the Emergency Response Agency, if							

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possible, the identity of the hazardous material involved and request for appropriate backup support if necessary. For the purpose of the exercise, the EMS personnel should be provided information on the identity of the material involved so that the EMS can proceed with determining the nature and extent of the injury.

Ambulance and hospital personnel should demonstrate the capability to limit contamination to themselves and their vehicles/facilities. Controlling access to the area where the contaminated individual is being treated is the first step in limiting exposure.

The ambulance crew should also demonstrate the capability to implement contamination control procedures during transport of contaminated injured persons.

After delivering a contaminated injured person to a designated receiving medical <u>Facility</u>, the Emergency Response Agency should demonstrate the capability to monitor and, if necessary, decontaminate both the ambulance crew and the ambulance. Decontamination procedures may be necessary to ensure that neither the ambulance nor any member of the ambulance crew is allowed to return to regular service without contamination evaluation.

The Emergency Response Agency should demonstrate its knowledge of which ambulance services are designated to provide transportation for contaminated and/or injured persons. Often, these services are established through Memoranda of Understanding (MOU) between the Emergency Response Agency and the designated ambulance service(s).

Depending on the nature and extent of injury and the problems in the <u>exercise scenario</u> including the hazardous materials involved, it may be necessary for the ambulance crew or the Emergency Response Agency to determine which medical <u>Facility</u> an injured individual is to be transported. Ambulance services and response Emergency Response Agencies of the City of New York should demonstrate their knowledge of the names, available resources, participating hospitals, and locations of medical facilities equipped for care of such persons. Ambulance crews may actually demonstrate the ability to drive the individual to the selected medical <u>Facility</u>.

Adequate communications between emergency site personnel, ambulances, and hospitals are essential throughout an emergency response. So that advance preparations critical for receipt of a contaminated and/or injured individual can be initiated, the ambulance crew should demonstrate the capability to communicate with the receiving medical *Facility*. Ambulance crews should demonstrate the capability to provide, at a minimum, the following information to the receiving medical *Facility*:

information and data on the individual's physical condition including their assessment regarding internal or external contamination vital signs the type of hazardous materials involved in the accident Material Safety Data Sheet (MSDS) information relating to hazardous material involved, if available estimated time of arrival at the medical *Facility*

The medical staff at the receiving <u>Facility</u> should demonstrate the capability to implement written and established procedures to complete effective preparations for the injured individuals arrival. For example, the medical <u>Facility</u> may activate and setup a controlled area where medical treatment will occur as well as implementing contamination control procedures for reception of the ambulance, the patient, other individuals from the controlled area, and <u>Facility</u> staff.

The staff should also demonstrate the skills necessary to deal with a variety of chemicals located in their area. For this reason, Material Safety Data Sheet (MSDS) information may be of some use to an area's medical community during a fixed <u>Facility</u> hazardous materials incident or the shipping papers in the event of a transportation <u>Incident/Accident</u>.

Depending upon the chemicals involved, the medical facilities providing medical services to the contaminated injured may find it necessary to secure the services of at least one physician, nurse, and toxicologist, who are experienced in evaluating and treating contaminated injured persons.

The medical staff should demonstrate the capability to monitor contaminated injured individuals for external contamination by making an assessment based on the symptoms which are present. For example, medical staff may determine if wounds are contaminated by sampling of secretions and testing them for contamination. If more than one hazardous material was involved in the incident, medical staff should demonstrate the capability to treat the patient with proper priority of the materials involved.

The medical staff should demonstrate the capability to have a toxicologist analyze any samples from injured contaminated persons either at the *Facility* or nearby laboratories and if such analysis is completed, transmit these results to the medical *Facility* staff for use during examination of individuals. The medical *Facility* staff should demonstrate the capability to maintain records of all screening instruments and samples taken.

The medical staff should demonstrate the capability to implement decontamination procedures for cleansing localized areas on the patient with appropriate solutions, such as antidotes and/or neutralizing chemicals. The medical staff should demonstrate the capability to appropriately contain and store these waste solutions for disposal at a later time.

The medical staff should demonstrate the capability to implement procedures for disposal or decontamination of instruments, clothing, and medical paraphernalia. These procedures should include provisions to minimize the spread of contamination within the controlled area, other parts of the medical <u>Facility</u>, on patients, and upon themselves. After decontaminating the individual, it may be necessary to transfer the injured person to a clean area within the <u>Facility</u> in a way that precludes or minimizes the spread of contamination from the controlled area into other areas of the medical <u>Facility</u>.

Medical personnel should demonstrate the capability to implement procedures to ensure they are not contaminated before reentering the medical <u>Facility</u> from the controlled area. These procedures should include removing all personal protective clothing within the controlled area and monitoring for contamination all staff members and their equipment prior to entering buffer zones.

OBJECTIVE 3.6: EMERGENCY MEDICAL SERVICES PRE-ENTRY & POST-ENTRY VITALS

(Demonstrate the adequacy of personnel, procedures, to medically monitor Emergency response personnel in chemical protective clothing)

Intent This objective is derived from 29 CFR 1910.120 Medical Surveillance. This objective provides a framework for the evaluation of an agencies ability to provide emergency medical service and treatment during the pre and post entry response to a hazardous materials accident. It is critical that an Emergency Response Agency ensure that the personnel wearing chemical protective clothing have their vital signs medically monitored to determine if they can wear CPC can receive appropriate medical care without unnecessary risk when it is required.

Fire Department City of New York

				- A - CONTRACTOR -				
Was this Object	ye ctive Met	s no	n/a n/o	Time				
Evaluator Sign	nature			Date				
Criteria:								
11 Bridge Hill All Mr	ninimum, did I	EMS personnel	demonstrate th	ne capability to perform a pre-				
entry ex	amination?	n/a	n/o	time				
		Territorio del Principale						
3.6.2 At a minimum, did EMS personnel demonstrate the capability to check personnel blood pressures prior to entry?								
yes ———	no	n/a ———	n/o 	time				
3.6.3 At a minimum, did EMS personnel demonstrate the capability to check temperatures								
prior to entry?	no	n/a	n/o	time				
264 440		40						
to entry?				capability to check pulse prior				
yes ———	no 	n/a 	n/o 	time				
3.6.5 At a m prior to entry?	inimum, did El	MS personnel d	emonstrate the	capability to check respiration's				
yes .	no	n/a	n/o	time				
3.6.6 At a minimum, did EMS personnel demonstrate the capability to check body weight								
prior to entry? yes	no	n/a	n/o	time				
) 	9 805				
prior to entry?				capability to hydrate personnel				
yes ——	no ——	n/a 	n/o 	time				
3.6.8 At a minimum, did EMS personnel demonstrate the capability to perform a post entry examination after completing a decontamination process? yes no n/a n/o time								
3.6.9 At a minimum, did EMS personnel demonstrate the capability to check blood								
pressure after o	completing a de no	contamination j n/a	process? n/o	time				
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Fire Department City of New York

yes no n/a n/o time	3.0.10	and the same of the contract o						
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rehydrate after completing a decontamination process?	*			****				
				*	time			
			Name and a stage property	San Carlos de Carlos	7 <u>. 7</u>			

Explanation:

Upon arrival at the scene, the EMS personnel should demonstrate the capability to assess the situation and perform medical surveillance as required for personnel wearing chemical protective clothing. The EMS personnel should also determine from the Emergency Response Agency, if possible, the identity of the hazardous material involved and request the appropriate back-up support if necessary.

Controlling access to the area where the personnel are being monitored is a first step in limiting potential exposure.

The Emergency Response Agency should demonstrate the capability to monitor vital signs for circulatory, respiratory and heat related disorders. Procedures may be necessary to ensure that personnel whose medical condition is questionable are not allowed to return to regular service without some type of medical evaluation.