MAY-09-2017 TUE 04:22 PM WA STATE EOC

FAX NO. 2535127203

P. 01/05

05/09/2017 08:06 FAX 1 508 376 2071

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RL-F-6540,1



	NOTIFICATION PRO	VIDED BY:	Name Hanford Emergen	cy Operations C	enicr	Phon	e: (509) 37	6-2900
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RL-F-5510.1 (REV 4) 09/12



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Į,	NOTIFICACIO	N PROVIDED BY:	Name: Herdord Emergen	oy Operations Center		Phone: (509) 376-2900
	AREA AND FACT	1.114: 200 Bast /	Area PUREX	TYPE EVENT:	a, 🔁 Energency	b. Careceses Duril
	CLASSIFICATIO		Reclassification c. 🔲 Correction .	d, 🔲 par Chahda/Adairlen	e. 🗷 Information	f. 🗌 Termination
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i	ALEV	a. A ALERT	U. SITE AREA EMERGENCY	G, L. GENE	ERAL EMERGENCY	
	200 East	None				<u> </u>
			<del>,                                    </del>			
	TYPE OF INCIDE	ant:	,			
i kan	a. Security Inc. BAL No.:	idant: Yas	No. 1:0, Appendix I-2,P		Table: 110	**************************************
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7			nment information:	@ METEOROLOGICAL	L DAȚA;	·
	b. 🔀 Unknown		ible release; but not confirmed) instrument indication of hazardou	Wind Speed Wind Direction: Fre	om N	
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RL-F-5540.1 (REV 4) 09/12:



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FAX NO. 2535127203

P. 04/05



NOTE	ICATION	PROVIDED BY:	Name: Hanford Emisrgency	Operations ·	Center		Phone: (509) 376-	2900
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MAY-09-2017 TUE 04:22 PM WA STATE EOC

FAX NO. 2535127203

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RL-F-5540.1 (REV 4) 09/12



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No.	<u> </u>

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ı			1997 - 18	-/a.						<b>ファ</b>
AÞ	PROVED: Marti	n Ellia	Little La				DATE: 05/10/2	932	Ilain:	

# WA DOH Incident Management Team SITUATION REPORT # 1

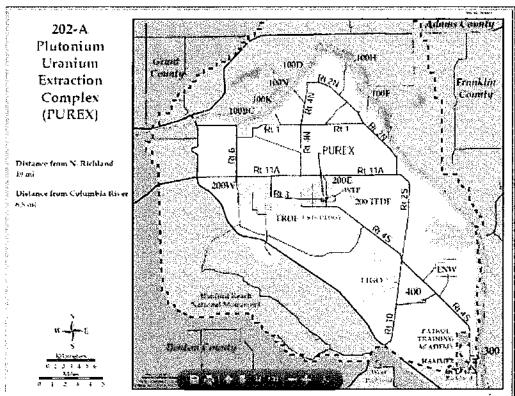
Incident Name: 2017 Hanford PUREX 200 East Event

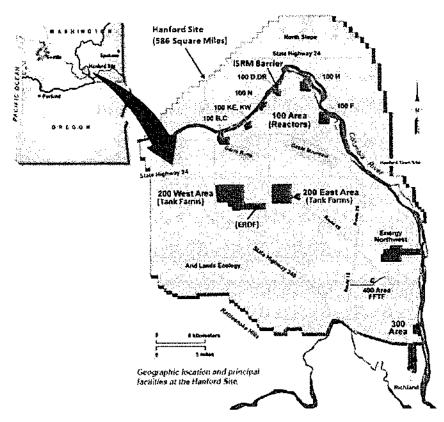
Date:	05/09/2017	Time: 1500
Phone	: 360-236-4196	E-mail: doh-sitl@doh.wa.gov

#### I. IMPACTED AREA:

Officials are responding to reports of a cave-in of a 20 foot section of a tunnel that is hundreds of feet long that is used to store contaminated materials. The tunnel is located next to the Plutonium Uranium Extraction Facility, also known as PUREX, which is located in the center of the Hanford Site in an area known as the 200 East Area. There is no indication of a release of contamination at this point, Crews are continuing to survey the area for contamination. All personnel in the vicinity of the PUREX facility have been accounted for and there are no reports of injuries.







Adapted from www.hanford.gov

#### II. CURRENT SITUATION

Field Teams were activated this morning in response to an incident at the Hanford Nuclear Reservation. A tunnel collapsed over an area where radiological materials are stored at the site, leading the Department of Energy (DOE) to declare a Site Area Emergency and activate response protocols. There is no indication at this time that radiological contamination has left the Hanford site, but monitoring and data collection by DOH EPH staff, in coordination with DOE staff, are critical to assess potential impacts. There are no reports of injuries, deaths, or human contamination at this time. No evacuations or shelter in place orders have been initiated by local jurisdictions.

We have deployed a team of responders to the State Emergency Operations Center (EOC) at Camp Murry, and the State EOC is fully activated for this incident. The IMT is fully operational in TC1 Rm 163-164, and EPH Radiological teams are deploying to gather air and ground deposition readings.

### III. CURRENT RESPONSE ACTIVITIES - WASHINGTON DEPARTMENT OF HEALTH

#### General Update:

- Officials continue to monitor air and are working on how they will fix the hole in the tunnel roof.
   They are looking at options that would provide a barrier between the contaminated equipment in the tunnel and the outside air that would not cause the hole in the tunnel's roof to widen.
   Recovery actions are being taking at this time. There is no intent to downgrade at this time.
- It is unknown when the activation level will be downgraded.

#### **Environmental Monitoring update:**

 Assessing the environmental impacts to agriculture (products, food, and water) and providing recommendations to operations.

### Public Health Laboratory Update:

PHL has not done any sampling at this time.

#### Communications Update: -

The DOH C4PA Strategic Communications is finalizing the communications dashboard, which
includes, key audience, themes, messages, and holding statement.

### IV. ADDITIONAL RESPONSE RESOURCES

www.hanford.wa.gov

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RL-F-5540.3 (REV 4) 09/12



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No. \_\_6\_\_

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		ON/STATUS:	keclassification a Correction d.	PAR CHRISH/Addition & <b>ES</b> In	formation f; [] Termination
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ADE	TTIONAL DI	POTTE PROTECTIV	ACTION RECOMMENDATIONS)		
			111		<u> </u>



### **INCIDENT ACTION PLAN #1**



### 2017 Hanford PUREX Incident

Operational Period 0800 PDT 05/10/2017 -- 0800 PDT 05/12/2017

WA State Department of Health 101 Israel Road SE Tumwater, WA 98501

DOH Agency Coordination Center Incident Commander – Mark Henry

### **INCIDENT OBJECTIVES (ICS 202)**

1, Incident Name:	2. Operational	Date From: 5/10/2017	Date To: 5/12/2012
2017 Handford PUREX 17-1581	Period:	Time From: 0800	Time To: 0800

#### 3. Objective(s):

- Oversee response to assure the health and safety of all DOH response personnel and the public.
- 2. Maintain communication links with all federal, state, tribal, cross-border and local response partners.
- 3. Maintain environmental monitoring activities to make sure there is no offsite contamination.
- Maintain DOH IMT presence at the SEOC, US DOE EOC, US DOE JIC to coordinate situational awareness and de determine if any protective actions are needed.
- 5. Assess the environmental impacts to agricultural products, food, and water in the surrounding area.
- 6. Prepare for operational and policy-level contingencies should incident complexity escalate.
- 7. During the operation period develop a messaging strategy to include:
  - a. Health messaging to the general public
  - b. Policy briefings for elected officials, tribal governments, agency leaders.

#### 4. Operational Period Command Emphasis:

Components of this response will include, at a minimum, monitoring and data collection; public messaging; policy communications; contingency planning; and ongoing support to DOH staff. Given that radiological incidents generate an inordinate level of public and policy-level attention, a coordinated and proactive ESF 8 response is be necessary. By initiating a coordinated response with state emergency management, DOE, local health jurisdictions, tribal governments, and policy leaders, we can quickly mobilize resources and manage information throughout the incident.

#### General Situational Awareness

The Hanford Site contains large amounts of extremely hazardous materials. Any offsite release of radiological material can cause environmental impacts, and can place the public's health at risk. Any radion detection around the hole is coming from inside the tunnel. IT apprears there has not been a release to the outter environment.

Be sure to update WEBEOC boards for your respective role. As significant events occur during the operational period be sure to complete 214 form.

1. Incident Name:	2. Operational	Date From: 5/10/2017	Date To: 5/12/2012
2017 Handford PUREX 17-1581	Period:	Time From: 0800	Time To: 0800
5. Site Safety Plan Required? Yes  N Approved Site Safety Plan(s) Located			
6. Incident Action Plan (the items checked	ed below are include	ed in this Incident Action F	Plan):
☑ IC\$ 203 ☑ IC\$ 207		Other Attachments:	
⊠ ICS 204 ⊠ ICS 1 208			
☑ ICS 205 ☑ Map/Chart		0	
☑ ICS 205A ☑ Weather Forecast/Tides/Currents		0	
□ ICS 206		<u> </u>	1.0
7. Prepared by: Name: Annie Merritt	Position/T	itle: PSC	Signaturer A W
8. Approved by Incident Commander:	Name: Mark F	lenry Signati	ure: // ( o~ 10 )6 /
ICS 202 IAP Page	Date/Time:	5/9/2017 3:00 PM	

# ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name:		Date F			Date To: 5/12/2017		
2017 Hanford PUR	REX	2. Operation	onal Period:	5/10/2	2017		
	***	<u></u>	<u> </u>	Time	From: 0800	Time To: 0800	
3. Incident Comm	ander(s) and Command	d Staff:	7. Operatio	ns Sec	tion:		
IC/UCs	Mark Henry			Chief	Shawn Roberts		
				Deputy			
Deputy			Stagir	ig Area			
Safety Officer	Josh Edwards			3ranch			
Public Info. Officer	Dave Johnson		Branch D	Director			
Liaison Officer	Kristen Baird			Deputy			
	zation Representatives	•	Division	/Group	Env Monitoring	Mike Priddy	
Agency/Organization	Name		Division	/Group	UDAC Group	John Martell	
ESF8	Dick Cowley		Division	/Group	Rad Tech Spec	Lynn Albin	
ESF8	Elysa Jones		Division	/Group			
ESF8			Division	/Group			
		···	40 640 HV1	Branch			
			Branch C	Director			
				Deputy			
5. Planning Section	on:		Division	/Group			
C	Kevin Wickersham- nief Annie Merritt/Jessic Thurs		Division	/Group			
Dep	uty		Division	/Group			
Resources U	Jnit Sue Smith		Division	/Group			
Situation U	Jnit Tristan Hay-Wed	Tristan Hay-Wed		/Group			
Documentation U	Init Junesca Brown		<del></del>	Franch			
Demobilization L	Init		Branch D	Director			
Technical Speciali	sts		í	Deputy	· · · -		
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6. Logistics Section	)n:	·	Division				
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Medical U		······································	Comp/Claim				
Food U							
		B	····	st Unit			
<del> </del>	Name: Sue Smith	<del>_</del>	on/Title: RES			re: And Smit	
ICS 203	IAP Page	Date/Tir	ne: 5/9/2017	12:00 F	PM	<u>, , , , , , , , , , , , , , , , , , , </u>	

## **ASSIGNMENT LIST (ICS 204)**

1. Incident Name:	. <del></del>	2. Opera			3.	· · · · · · · · · · · · · · · · · · ·
2017 Hanford PURE	<	Date From: 5/10/2017 Date To: 5/12/2017			<b>.</b>	
	<del> </del>	Time Fro	m: 080	<del> </del>	Branch:	
4. Operations Personnel:	<u>Nam</u>	<u>e</u>		Contact Number(s)	Division:	
Operations Section C	hief: Shav	vn Roberts	5	360-236-4195	Group:	Environmental Monitoring Group
Branch Dire	ctor:			XXX-XXX-XXXX	Ctasins	J ,
Division/G Superv		Priddy		XXX-XXX-XXXX	Staging Area:	
5. Resources Assign	ied:		શ્		D1	handi o
Resource Identifier	Leader		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)		Location, Special t and Supplies, Remarks, ormation
Field Team 1	Tom Roge	rs	3	s.16	Field locat	ions
Field Team 2	Randy Utle	∍у	3	•		
	-					
			•"			
	,					
		·- <u></u> ·				
6. Work Assignment:	s:					······································
Maintain environmenta	al monitoring	g capability	y and pr	ovide monitoring only to the are	eas identifie	d by the IMT. Report all
results to the OSC and	1 Lechnical	Specialist.	•			
7. Special Instruction						
Safety is paramount. A due monitoring in unsa	Aake sure to	follow all	safety p	procedures and requirements. I	Do not go in	DOE restricted areas or
		nmunicatio	on with t	he OSC and the other Group S	Supervisor, N	Make sure to share
information with other	Group Supe	rvisors to	support	their work.		
Make sure to send all updates with the SITL			to the O	SC so that it can be captured a	and included	I in the situational
Communicate any reso			C.			
				imbers needed for this assignm		
Name	/Func	tion Pri	mary Co	ontact: indicate cell, pager, or r	adio (freque	ency/system/channel)
	1					············
	1					

9. Prepared by:	Name: Jessica Baggett	Position/Title: PSC	Signature
ICS 204	IAP Page	Date/Time: 5/9/2017 1:00 PM	0 -00

## **ASSIGNMENT LIST (ICS 204)**

1. Incident Name:		2. Operational Period:			3.	3.		
2017 Hanford PURE	X	Date From: 5/10/2017 Date To: 5/12/2017						
		Time Fro	om: 080		Branch:			
4. Operations Personnel:	<u>Nan</u>	<u>1e</u>		Contact Number(s)	Division:			
Operations Section C	Chief: Sha	wn Robert	S	360-236-4195	Group:	Unified Dose Assessment Center		
Branch Dire	ector:			XXX-XXX-XXXX	Group:	(UDAC)		
Division/G Super	roup Johr	n Martell		XXX-XXX-XXXX	Staging Area:			
5. Resources Assign					<del> </del>	<u> </u>		
Resource Identifier	Leader		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)		Location, Special t and Supplies, Remarks, ormation		
Senior State Health Liaison	John Mari	eli	1	s.16	UDAC			
						.,		
6. Work Assignment	s:		· · · · · · · · · · · · · · · · · · ·	<u> </u>	.1			
Maintain DOH presen coordination back to t	ce at unified he DOH IM	d dose ass F. Provide	essmen updates	t center (UDAC) as a technica to the OSC on UDAC related	l specialist a information.	nd provide operational		
7. Special Instruction			_	· •···				
Maintain open and col information with other	ntinuous co Group Sup ímportant ir by 1500 ea	mmunicati ervisors to iformation ch day.	on with t support to the C	procedures and requirements, the OSC and the other Group their work. SC so that it can be captured		i		
8. Communications ( Name	radio and/o /Fund			umbers needed for this assign entact: indicate cell, pager, or	•	ency/system/channel)		
				· · · · · · · · · · · · · · · · · · ·		7. 7		
		<u>,</u>						
	/							

9. Prepared by:	Name: Jessica Baggett	Position/Title: PSC	Signature:
ICS 204	IAP Page	Date/Time: 5/9/2017 1:00 PM	U Joi

### **ASSIGNMENT LIST (ICS 204)**

1. Incident Name:		2. Operat	ional F	Period:	3.
2017 Hanford PURE	<	Date From: 5/10/2017 Date To: 5/12/2017			
		Time Fron	n: 080	0 Time To: 0800	Branch:
4. Operations Personnel:	<u>Nam</u>	<u>e</u>		Contact Number(s)	Division:
Operations Section C	hief: Shav	vn Roberts		360-236-4195	Group: N/A
Branch Dire	ctor:	··—		XXX-XXX-XXXX	Staging
Division/G Superv				XXX-XXX-XXXX	Area:
5. Resources Assign	ned:		SL		
Resource Identifier	Leader		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information
Radiation Technical Specialist	Lynn Albin		1	360-236-4195	DOH ACC
			_		
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
	<u></u>				
6. Work Assignment	s:	<u></u>			
Assess the environme Operations Chief by c	ental impacts lose of busin	to agricultu ess May 10	ure (pro D <sup>ih</sup> .	oducts, food, and water) and pi	rovide recommendations to the
7. Special Instruction	15;	<del></del>			<u> </u>
Safety is paramount. Maintain open and corinformation with other	Make sure to ntinuous con Group Supe important inf by 1500 eac	nmunicatior rvisors to si formation to th day,	with tupport the O	procedures and requirements. he OSC and the other Group S their work. SC so that it can be captured a	
8. Communications (	radio and/or /Func			mbers needed for this assignmentact: indicate cell, pager, or r	nent): adio (frequency/system/channel)
4.7 A.	1				
		and the first suppopulation of the state of			
	/				

9. Prepared by:	Name: Jessica Baggett	Position/Title: PSC	Signature:
ICS 204	IAP Page	Date/Time: 5/9/2017 1:00 PM	0 00

**COMMUNICATIONS LIST (ICS 205A)** 

	COMMC	INICATIONS	LIST (ICS 205A)		
1. Incident Name:		2. Operational	Date From: 5/10/2017	Date To: 5/12/2017	
2017 Hantord PUREX 200 East	017 Hanford PUREX 200 East Event Period:		Time From: 0800	Time To: 0800	
3. Basic Local Communication	ns Informati	on:			
Incident Assigned Position Name (Alphabetized)		Method(s) of Contact (phone, pager, cell, etc.)			
IC.	Mark Henr	у.	360-236-4199		
LOFR	Kristen Ba	ird Romero	360-236-4198		
SOFR	Josh Edwa	ards	360-236-4190		
osc	Shawn Ro	berts	360-236-4195		
PSC	Annie Meri	ritt	360-236-4192		
POSC	Jessica Ba	iggett	360-236-4192		
SITL	Tristan Ha	у	360-236-4196		
RESL	Sue Smith		360-236-4196		
DOCL	Kim Butow	icz	360-236-4196		
LSC	Rachel Pa	ris	360-236-4197		
FSC	Ryan Black	k	360-236-4193	,	
ESF 8 Desk					
HP	Richard Co	owley	s.16		
ALOFR	Tanner De	pert	<del></del>		
ALOFR	Elysa Jones				
ALOFR Shadow	Sarah Ash		<del></del>		
				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
				B.44	
				11 HO 11 TH	
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				THE RESIDENCE OF THE PARTY OF T	
			-Address - Address - Addre		
4. Prepared by: Name: Rach	nel Paris	Position/Title:	LSC Sign	hatdre: Paris	
ICS 205A IAP Pag	je	Date/Time: 5	/9/2017 1:00 PM	/	

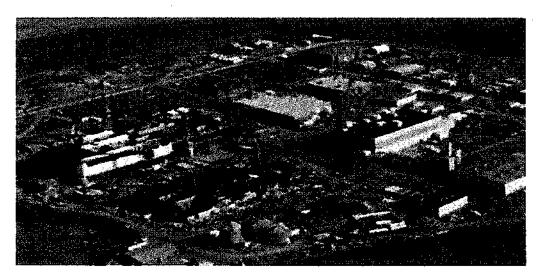
	SAFET	Y MESSAGE	:/PLAN (I	CS 208)					
1. Incident Name:		2. Operational	Date From:	5/10/2017	Date To:	5/12/2017			
2017 Hanford PUREX		Period:	Time From:	08:00	Time To:	08:00			
3. Safety Message/Ex SAFETY is Paramoun radiation event under of General Safety rules is not your normal work a nurmerous tripping hat the current sign-in she the parking garage (to until instructed to evac  As this event is a Colu sprint. Depending on a Take care of yourself, prevent back injuries. It Get a good Take brea Stay hydra Eat regula Stand up a If you don' It is not uncommon to it Mood Swit Loss of ter Tiredness	xpanded Safety Messit; all IMT members and control. Should be observed by area so be observant. Zards in the ACC. With the to the evacuation playour left as you exit extracts.  Imbia Generating Statiff the release, we will like the aware of your surrow or with the release of your surrow or with the second cally attend (drink some water and stretch periodically it take care of yourself feel stress. Here are sings mper, irritability or fatigue	sage, Safety Pland responders from all staff members of you are working thin the ACC if an isoint. All IMT staff east side of the build oundings as well as ency response can try to catch up on ar, not just coffee or r) y (you may not be founding on the pother)	n, Site Safety n all areas of the IMT. g in the Agency evacuation be will exit the ro liding). If there ext remember the n this for some as your co-wor be stressful, your regular j r) in a good erg ners!	Plan: the agency show Pay attention to cy Coordination ecomes necess com and meet if e is an earthque that this is more etime rather that rkers. Use prop Staff who are we job by working the	o your surround Center (ACI) sary, Finance in the first drivake, drop, contained an days so par lifting tectorking on the late at night.	ely to bring this undings, this is C) watch for the e/Admin will bring we entrance to over, and hold then than a ace yourself, chniques to is event should:			
> Difficulty s > Negativity > Tension or > Self-criticis > Headache Deploying staff will be radiation must carry a must carry KI with then appropriate personal p Staff working with sam samples. All appropriate	<ul> <li>Tiredness or fatigue</li> <li>Change in appetite</li> <li>Difficulty sleeping</li> <li>Negativity</li> <li>Tension or anxiety</li> <li>Self-criticism</li> <li>Headaches or back pain</li> <li>Deploying staff will be provided a specific Safety briefing prior to departure. Anyone who may have direct cexposure to radiation must carry a dosimeter and understand the turnaround value of 0.5 rem. Individuals deploying to the field must carry KI with them. Any DOH State field team personnel entering the plume will administer KI and will wear appropriate personal protective equipment.</li> <li>Staff working with samples will comply with the specific safety plans dealing with the packaging and handling of the samples. All appropriate handling rules and personal protective equipment (PPE) will be used.</li> </ul> Any accidents or injuries will be immediately reported to the SOFR at 360-236-4193 and the Incident Commander at								
4. Site Safety Plan Re	guired? Yes ⊠ No í								
<del>-</del>	ty Plan(s) Located A		Operations S	Support Service	es (	. \			
5. Prepared by: Na	ıme: Josh Edwards	Position/Title	e: SOFR	Sig	nature:				
ICS 208	IAP Page	Date/Time: 5/	/9/2017 4:00 I	PM					



## Incident Management Team (IMT)

### 2017 Hanford PUREX Incident

Mission #: 17-1581



Incident Action Plan (IAP) # 1R (REVISED)

**Operational Period** 

From:

0800

5/10/17

To:

0800 5/12/17

**JAP Cover Form** 



### Incident Objectives

1. Incident Name: 2017 Hanford 2. Opera PUREX Incident	ational Period: Date		/17 Date To:	5/12/17								
· · · · · · · · · · · · · · · · · · ·	Time	From: 08	300 Time To:	0800								
3. Objective(s) in priority order:												
<ol> <li>Oversee response to assure the health and</li> <li>Maintain communication links with all federa</li> </ol>												
<ol> <li>Maintain communication links with an recent</li> <li>Maintain environmental monitoring activities</li> </ol>	at, state, tribal, cross-d s to make sure there is	order, and local s no offsite conta	response paπne mination	∍rs.								
4. Maintain DOH IMT presence at the SEOC,				nal								
awareness and determine if any protective ac	tions are needed.											
5. Assess the environmental impacts to agricultural products, food, and water in the surrounding area.												
Prepare for operational and policy-level contingencies, should the incident complexity escalate.     During the operational period, develop a messaging strategy to include health messaging to the general												
public and policy briefings for elected officials,	cssaying strategy to th , tribal governments, at	nd agency leade	ssagnig to the gr	eneral								
	,, 3											
4. Operational Period Command Emphasis												
Components of this response will include, at a policy communications, contingency planning,	a minimum, monitoring	and data collect	tion, public mess	saging,								
incidents generate an inordinate level of public												
response is necessary. By initiating a coordination	ated response with star	te emergency m	anagement, US	DOE, local								
health jurisdictions, tribal governments, and po	olicy leaders, we can o	uickly mobilize r	esources and m	anage								
information throughout the incident.				1								
The Hanford Nuclear Reservation contains lar	rae amounts of extrem	eki bezerdene e	otoriale Any off	The Hanford Nuclear Reservation contains large amounts of extremely hazardous materials. Any offsite release of radiological materials can cause environmental impacts and can endanger public health. No contamination								
The Hanford Nuclear Reservation contains lar of radiological materials can cause environme	rge amounts of extremental impacts and can e	iely hazardous m endanger public	naterials. Any off health, No conta	site release								
of radiological materials can cause environme	ental impacts and can e	endanger public	health. No conta	mination								
The Hanford Nuclear Reservation contains lar of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.	ental impacts and can e	endanger public	health. No conta	mination								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.	ental impacts and can e s time. The evidence d	endanger public loes not suggest	health. No conta that radiological	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.  All staff must be aware of the need to retain al	ental impacts and can e s time. The evidence d ill written documentatio	endanger public loes not suggest on related to this	health. No conta that radiological	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.	ental impacts and can e s time. The evidence d ill written documentatio	endanger public loes not suggest on related to this	health. No conta that radiological	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.  All staff must be aware of the need to retain al	ental impacts and can e s time. The evidence d ill written documentatio	endanger public loes not suggest on related to this	health. No conta that radiological	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.  All staff must be aware of the need to retain al	ental impacts and can e s time. The evidence d ill written documentatio	endanger public loes not suggest on related to this	health. No conta that radiological	mination i materiat								
of radiological materials can cause environme has been detected outside of the funnel at this has been released outside of the funnel.  All staff must be aware of the need to retain al documents to the Documentation Unit Leader	ental impacts and can estime. The evidence dustriance du stime. The evidence du stime. The evidence du stime. It written documentation (DOCL) at doh-doct@	endanger public loes not suggest on related to this doh.wa.gov.	health. No conta that radiological incident. Please	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.  All staff must be aware of the need to retain ald documents to the Documentation Unit Leader  5. Site Safety Plan Required?	ental impacts and can estime. The evidence destime. The evidence destination of the content of t	endanger public loes not suggest on related to this doh.wa.gov.	health. No conta that radiological incident. Please t Services	mination i materiat								
of radiological materials can cause environme has been detected outside of the funnel at this has been released outside of the funnel.  All staff must be aware of the need to retain all documents to the Documentation Unit Leader  5. Site Safety Plan Required?   Yes  No  Approved Site Safety Plan(s) Located At	ental impacts and can estime. The evidence destime. The evidence destine in the evidence destine in the evidence destine included in the other contents.	endanger public loes not suggest on related to this doh.wa.gov.	health. No conta that radiological incident. Please t Services	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.  All staff must be aware of the need to retain all documents to the Documentation Unit Leader  5. Site Safety Plan Required? Yes No Approved Site Safety Plan(s) Located At 6. Incident Action Plan (the items checked be	ental impacts and can estime. The evidence destime. The evidence destination of the content of t	endanger public loes not suggest on related to this doh.wa.gov.	health. No conta that radiological incident. Please t Services	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.  All staff must be aware of the need to retain all documents to the Documentation Unit Leader  5. Site Safety Plan Required? Yes No Approved Site Safety Plan(s) Located At 16. Incident Action Plan (the items checked b	ental impacts and can estime. The evidence destime. The evidence destine in the evidence destine in the evidence destine included in the other contents.	endanger public loes not suggest on related to this doh.wa.gov.	health. No conta that radiological incident. Please t Services	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.  All staff must be aware of the need to retain aldocuments to the Documentation Unit Leader  5. Site Safety Plan Required?   Yes No Approved Site Safety Plan(s) Located At:  6. Incident Action Plan (the items checked become of the tunnel).	ental impacts and can estime. The evidence destime. The evidence destine in the evidence destine in the evidence destine included in the other contents.	endanger public loes not suggest on related to this doh.wa.gov.	health. No conta that radiological incident. Please t Services	mination i materiat								
of radiological materials can cause environme has been detected outside of the funnel at this has been released outside of the funnel.  All staff must be aware of the need to retain all documents to the Documentation Unit Leader  5. Site Safety Plan Required?   Yes No Approved Site Safety Plan(s) Located At:  6. Incident Action Plan (the items checked book of the ics 203	ental impacts and can estime. The evidence destime. The evidence destime. The evidence destination (DOCL) at doh-doct@  DOH Business Optical are included in the Other control of the cont	endanger public loes not suggest on related to this doh.wa.gov.	health. No conta that radiological incident. Please t Services	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.  All staff must be aware of the need to retain all documents to the Documentation Unit Leader  5. Site Safety Plan Required? Yes No Approved Site Safety Plan(s) Located At: 6. Incident Action Plan (the items checked by ICS 202 ICS 206 ICS 203 ICS 207 ICS 204 ICS 208 ICS 205 Map/Chart ICS 205a Weather Forecast	ental impacts and can estime. The evidence destime. The evidence destime. The evidence destine. The evidence destine the evidence desti	endanger public loes not suggest on related to this doh.wa.gov.	health. No conta that radiological incident. Please t Services	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.  All staff must be aware of the need to retain al documents to the Documentation Unit Leader  5. Site Safety Plan Required?   Yes No Approved Site Safety Plan(s) Located At:  6. Incident Action Plan (the items checked b  1 ICS 202   ICS 206   ICS 203   ICS 207   ICS 204   ICS 208   ICS 205   Map/Chart   ICS 205a   Weather Forecast  7. Prepared By: Kevin Wickersham, PSC	ental impacts and can estime. The evidence destime. The evidence destime. The evidence destime. The evidence destination (DOCL) at doh-docl@  DOH Business Option are included in the Other  Signature:	endanger public loes not suggest on related to this choose on the control of the	health. No conta that radiological incident. Please t Services n Plan)	mination i materiat								
of radiological materials can cause environme has been detected outside of the tunnel at this has been released outside of the tunnel.  All staff must be aware of the need to retain all documents to the Documentation Unit Leader  5. Site Safety Plan Required? Yes No Approved Site Safety Plan(s) Located At: 6. Incident Action Plan (the items checked by ICS 202 ICS 206 ICS 203 ICS 207 ICS 204 ICS 208 ICS 205 Map/Chart ICS 205a Weather Forecast	ental impacts and can estime. The evidence destime. The evidence destime. The evidence destine. The evidence destine the evidence desti	endanger public loes not suggest on related to this doh.wa.gov.	health. No conta that radiological incident. Please t Services n Plan)	mination i materiat								



### Organizational Assignment List

1. Incident Name	2017 Hanford 2. PUREX Incident	Operational Perlod:	Date From Time From		Date To: Time To:	5/12/17 0800
3. Incident Comm	nander and Command St	aff: 7. Operations	Section:	•		
IC:	Mark Henry	Chief:	Trevor C	ovington		
Deputy IC:		Deputy:		Ţ		
Safety Officer:	Josh Edwards	Deputy:				
Public Info. Officer:	Dave Johnson	Staging Area:				
APIO:		Branch:				
APIO:		Branch Dir.				
Liaison Officer:	Ron Weaver					
ALOFR:		Div/Group	Env. Mo	nitoring	Mike	Priddy
ALOFR:		Div/Group	UDAC	Group	John	Martell
4. Agency Repres	entatives:	Div/Group	Rad Ted	ch Spec	Lynr	Albin
Agency/Org	Name	Div/Group		· · · · · ·		
ESF 8	Elysa Jones	Branch:				No. of American Con- tion May
ESF 8	Sarah Ashworth	Branch Dir:				
SEOC Policy Rep.	Chris Williams					
		Dív/Group				
5. Planning Section	on:	Div/Group	-		-	
Chief:	Kevin Wickersham	Div/Group				
Deputy:		Div/Group				
Resource Unit:	Sue Smith	Branch:				
Situation Unit:	Dick Cowley	Branch Dir:			· ·	
Documentation :	Junesca Brown					•••
Demobilization :		Div/Group				
Tech. Specialists:	Natasha Close (Epidemic	logist) Div/Group				
WebEOC Analyst:	Teresa Davis	Div/Group	<del>· · · · · · · · · · · · · · · · · · · </del>			
		Div/Group				
5. Logistics Secti	on:	Air Operation	s Branch:		1145.7114	ranga da
Chief:	Rachel Paris	Branch Dir:				
Deputy:		Div/Group				
Support Branch:		Div/Group	······································			
Supply Unit:		8. Finance/A	lministratio	on Section	:	
Facilities Unit:				Ryan Black		
Fround Suppt Unit:			Deputy:	·····	***************************************	
Service Branch:			Time Unit:			
Comm. Unit:		Procure	ment Unit:			
Medical Unit:			laims Unit:			
Food Unit:	'''	<u> </u>	Cost Unit			
9. Prepared by:	Sue Smith, RESL	Signature: 🔏	ni e	Smit	· · · · · · · · · · · · · · · · · · ·	
ICS Form 203		Date:	5/10/2017		Time:	16:00hrs



### Assignment List

1. Incident Name:	2017 Hanford	2. Operationa	Period:	Date From	5/10/17	Date To:	5/12/17	
	PUREX Incident	<b>F</b>		Time From		Time To:	0800	
3. Assignment Iden	tifier:	4. Operations	Personne	el:		Contac		
Branch:				Trevor Covir	naton	360-236-41		
Group:	Env. Monitoring		Director:					
Unit:				Mike Priddy		s.16		
Staging Area:			<u> </u>					
5. Resources Assig	ned:	·						
Resource Identifier		# of Persons	Contact	Numbers	Notes and Reportin			
Field Team 1	Tom Rogers	3	s.16					
Field Team 2	Randy Utley	3						
							'	
					·····			
6. Work Assignmen	its:				<del>.</del>			
Maintain environmer all results to the OSC	ital monitoring capabi C and Radiation Tech	lity and provide nical Specialist.	monitoring	g only to area	as identifie	d by the liMi	「. Report	
7. Special Instruction	ons:		····					
7. Special Instructions:  Safety is paramount. Make sure to follow all safety procedures and requirements. Do not go in USDOE restricted areas or conducting monitoring in unsafe areas.  Maintain open and continuous communication with the OSC and the other Group Supervisors. Make sure to share information with the other Group Supervisors to support their work.  Make sure to send all important information to the OSC so that it can be captured and included in the situational updates with the SITL by 1500 each day.  Communicate any resource needs to the OSC.								
	Sue Smith, RESL		Signature		Sm	<del>&gt;</del> 44		
ICS Form 204		l	Date:	5/10/2017		Time:	16:00hrs	



### Assignment List

1. Incident Name:	2017 Hanford PUREX Incident	2. Operationa	l Period:	Date From Time From	,	Date To: 5/12/17 Time To: 0800		
3. Assignment Iden	tifier:	4. Operations	Personne	el:		Contact Info:		
Branch:		Sec	tion Chief:	Trevor Cov	ington	360-236-4195		
Group:	UDAC Group	Branct	n Director:					
Unit:		Group S	upervisor;	John Marte	all s	s.16		
Staging Area:								
5. Resources Assig	ned:							
Resource Identifier	Leader	# of Persons		Numbers		s and Reporting nstructions		
Senior State Health Liaison	John Marteli	1	s.16		Until 2000	nrs 5/10		
State Health Liaison	Michelle Anderson- Maore	1			2000hrs 5/	10 to 0200hrs 5/11		
State Health Liaison	Danny Beers	1			0200hrs 5/	11 to 0800hrs 5/11		
6. Work Assignmen								
operational coordinat	nce at the Unified Dos tion back to the DOH	se Assessment IMT. Provide u	center (u pdates to t	idac) as a the OSC on	tecnnicai sp UDAC rela	ecialist and provide ted information.		
7. Special Instruction	ons:	· · · · · · · · · · · · · · · · · · ·		<del></del>		······································		
7. Special Instructions: Safety is paramount. Make sure to follow all safety procedures and requirements. Do not go in USDOE restricted areas or conducting monitoring in unsafe areas.  Maintain open and continuous communication with the OSC and the other Group Supervisors, Make sure to share information with the other Group Supervisors to support their work.  Make sure to send all important information to the OSC so that it can be captured and included in the situational updates with the SITL by 1500 each day.  Communicate any resource needs to the OSC.								
	Sue Smith, RESL		Signature		Sono	<del>-</del>		
ICS Form 204			Date:	5/10/2017	-	Time: 16:00hrs		



### Assignment List

1. Incident Name:		2. Operationa	l Period:	Date From	5/10/17	Date To:	5/12/17
	PUREX Incident			Time From	0800	Time To:	0800
3. Assignment Ider	tifier:	4. Operations Personne		el:		Conta	ct Info:
Branch:		Sec	tion Chief:	Trevor Cov	vington	360-236-4	195
Group:	Rad. Tech. Spec.	Branci	n Director:				
Unit:		Group S	upervisor:				
Staging Area:	···						
5. Resources Assig	ned:						<del></del>
Resource Identifier	Leader	# of Persons	Contact	Numbers		s and Repo	
Radiation Technical Specialist	Ĺynn Albin	1	360-236-4	1195	DOH Tumy	water ACC	
6. Work Assignmen Assess the environm the Operations Secti	ts: lental impacts to agric on Chief by 1600 5/10	culture (product 1/17.	s, food, an	d water) an	id provide re	ecommenda	ations to
restricted areas or co Maintain open and co share information wit Make sure to send al updates with the SITI	Make sure to follow a inducting monitoring in intinuous communica in the other Group Sup I important information by 1500 each day.	n unsafe areas tion with the Os pervisors to sup n to the OSC so	SC and the port their	other Grow	ıp Supervis	ors. Make s	ure to
	source needs to the C					<del>,=</del> #	
	Sue Smith, RESL		Signature:	Suc	Anna	4	
ICS Form 204			Date:	<i>5/10/</i> 2017			16:00hrs



## ICS Form 205A

### **Communications List**

1. Incident	2017 Hanford	2. Operation	onal Period:		Date From:	5/10/17	Date To:	5/12/17
Name:	PUREX Incident	<u> </u>			Time From	0800	Time To:	0800
3. Basic Commu	inications Informati	on:						
Incident Position Assigned	Name		Phone			Em	ail	
AA	Clark Halvorson	s.16			clark.halvorse	on@doh.	wa.gov	
Asst. AA	Michael Loehr				michael.loeh	r@doh.w	a.gov	
ic	Mark Henry	-			doh-ic@doh.	wa.gov		
PIO	Dave Johnson	-			doh-pio@dol	n.wa.gov		
LOFR	Ron Weaver	_			doh-lofr@do	h.wa.gov		¨
osc	Trevor Covington				doh-osc@dol	h.wa.gov	· •	
Group Sup	Mike Priddy				mike.priddy@	odoh.wa.	gov	
UDAC (Day)	John Martell				john.martell@	⊒doh.wa	.gov	
UDAC (Night)	Michelle Anderson- Moore						-	
UDAC (Night)	Danny Beers				danny.beers@	⊕doh.wa	.gov	
Tech Spec	Lynn Albin	_			lynn.albin@d	oh.wa.go	<u>v</u>	
Tech Spec	Ryan Brice	j			joshua.brice@	adoh.wa	gov	
Tech Spec	Ben Maltz				ben.maltz@d	loh.wa.go	<u> vc</u>	
SOFR	Brad Halstead				doh-sofr@do	h.wa.gov		
ASOFR	Greg Staley				doh-sofr@do	h.wa.gov	<u>.</u>	
PSC	Kevin Wickersham				doh-psc@dol	n.wa.gov		
RESL	Sue Smith				doh-resi@do	h.wa.gov		
SITL	Tristan Hay				doh-sitl@doh	wa.gov		
DOCL	Junesca Brown	1			doh-docl@dc	h.wa.gov	1	
LSC	Rachel Paris	]			doh-lsc@doh	.wa.gov		
FSC	Alisa Weld	1			doh-fsc@doh	.wa.gov	·	
FSC	Ryan Black				doh-fsc@doh			
WebEOC Analyst	Teresa Davis				teresa.davis@	doh.wa.	gov	
ESF8	Elysa Jones				seoc45@mil.	wa.gov		
ESF8	Sarah Ashworth				seoc45@mil.	wa.gov		
ESF8 Policy	Chris Williams	]		<i>.</i> .	chris.williams	@doh.w	a.gov	1
4. Prepared by:	Rachel Paris, LSC		Sîgnature:	1Ka	chel To	NIS		
ICS Form 205A			Date:	1	5/10/2017	- 1 - 17 · V	Time:	16:00pm
							····•	



#### Safety Message/Plan

1. Incident Name:	2017 Hanford	2. Operational Period:	Date From:	5/10/17	Date To:	5/12/17
	PUREX Incident		Time From:	0800	Time To:	0800

#### 3. Safety Message, Expanded Safety Message, Safety Plan, Site Safety Plan:

SAFETY is paramount. All IMT members and responders from all areas of the agency should work safely to bring this radiation event under control.

General safety rules should be observed by all staff members on the IMT. Pay attention to your surroundings. This is not your normal work area, so be observant. If you are working in the Agency Coordination Center (ACC), watch for the numerous tripping hazards in the ACC. Within the ACC if an evacuation becomes necessary, Finance/Admin will bring the current sign-in sheet to the evacuation point. All IMT staff will exit the room and meet in the first drive entrance to the parking garage (to your left as you exit east side of the building). If there is an earthquake, drop, cover, and hold until instructed to evacuate.

#### Field staff should pay particular attention to the following:

- Deploying staff will be provided a specific safety briefing prior to departure.
- Anyone who may have direct exposure to radiation must carry a dosimeter and understand the turnaround value provided.
- Staff working with samples will comply with the specific safety plans dealing with the packaging and handling of the samples. All appropriate handling rules and personal protective equipment (PPE) will be used.
- Stay hydrated. Carry plenty of water for each team member.
- Ensure each team has a first-aid kit and a cell phone.
- Do not park vehicles over dry grass it may cause a brush fire.
- Watch for poisonous snakes.
- Pay attention to your surroundings for your personal safety and security. Do not hesistate to call 911 for assistance.

Any accidents or injuries will be immediately reported to the SOFR at 360-236-4190 and the Incident Commander at 360-480-0308.

As this is a radiation event, remember that this is more like a marathon than a sprint. Depending on the release, we will likely be dealing with this for some time, so pace yourself. Take care of yourself, be aware of your surroundings as well as your co-workers. Use proper lifting techniques to prevent back injuries. Working in an emergency response can be stressful. Staff who are working on this event should:

- Get a good night's sleep. Don't try to catch up on your regular job by working late at night.
- Take breaks periodically
- Stay hydrated (drink some water, not just coffee or...) and eat regularly (not just junk)

It is not uncommon to feel stress. Here are some stress symptoms:

- Mood Swings
- Loss of temper, irritability
- Tiredness or fatigue
- Change in appetite
- Tension or anxiety

<u></u>						
4. Site Safety Plan Require	d? Yes 🗆 No		1		_	
Approved Site Safety Pl	an(s) Located At:	DOH, E	Business perati	ons Supp	R Services	
<ol><li>Prepared by: Greg St</li></ol>	aley, SOFR	Signatu	re:////9 A	my	<b>9</b>	
ICS Form 208		Date:	5/10/2017		Time:	16:00hrs



## **Meeting Schedule**

### General Message

1. Incident Name:	2017 Hanford PUREX Incident	2. Date:	5/10/2017	Time:	16:00hrs		
3. To (Name and P	osition):		Name and Pos				
Kevi	n Wickersham, PSC	All DOH IMT Personnel and ESF 8 Staff					
5. Subject:	Meeting Schedule and Call-in Info	rmation					
6. Message:							
Thursday 5/11/2017	Meeting Schedule						
	ck-in Briefing (Ail IMT Personnel)						
1100 - Tactics Meet	ing (OSC, RESL, LSC, FSC, SOFR	3)					
	eting (All IMT Personnel)			•			
11430 - Daily Wrap C	Ip Cali (Ali IMT Personnel)						
All above-listed me Please ioin my mee :16	eetings will be held in the GoToM ling from your computer, tablet or so	leeting roo martphone.	m listed below	<i>i</i> .			
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United States:							
Access Code:							
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9. Prepared by: ICS Form 213	Kevin Wickersham, PSC	Signature:		<u>-//_s-</u>	40.00		
100 FUIII 2 (3		Date:	5/10/2017	Time:	16:00hrs		



### **Weather Forecast**

1. Incident Name: 2017 Hanford	2. Operational Period: Date From	5/10/17 Date To:	5/12/17
PUREX Incident	Time From	0800 Time To:	0800

#### 3. Weather Forecast and Discussion:

Forecast is based on incident time of 1200 PDT on May 10.

- \*\*\*Thunderstorms imply gusty and erratic winds\*\*\*
- \*\*\*Winds are 20 foot 10-minute averages\*\*\*
- \*\*\*CWR-Chance of wetting rain 0.10 or greater\*\*\*

DISCUSSION...MOSTLY SUNNY AND WARM CONDITIONS WILL CONTINUE FOR THE REMAINDER OF THE AFTERNOON HOURS. SOUTHEAST WINDS WILL REMAIN LIGHT THROUGH SUNSET. A SLIGHT CHANCE OF A SHOWER OR THUNDERSTORM WILL BE POSSIBLE AFTER ABOUT 10 PM THIS EVENING. CHANCES FOR SHOWERS AND THUNDERSTORMS WILL GRADUALLY INCREASE OVERNIGHT AND INTO EARLY THURSDAY MORNING. AFTER A BRIEF BREAK IN THE ACTIVITY, CHANCES FOR ADDITIONAL SHOWERS AND THUNDERSTORMS WILL CONTINUE THROUGH THE DAY THURSDAY. SOUTHWEST WINDS WILL INCREASE STARTING THURSDAY MORNING AND INTO THE EARLY AFTERNOON. A COLD FRONT WILL CAUSE AN ABRUPT WIND SHIFT DURING THE LATE AFTERNOON HOURS AS WESTERLY WINDS BECOME STRONG AND GUSTY. WINDS SHOULD THEN DECREASE BACK DOWN TO AROUND 10 MPH LATER THURSDAY NIGHT.

#### REST OF TODAY...

SKY/WEATHER.....MOSTLY SUNNY.

CHANCE OF PCPN.....0 PERCENT.

MAX TEMPERATURE.....83-86.

MIN HUMIDITY.....19-23 PERCENT.

SURFACE WINDS......SOUTHEAST WINDS 3 TO 8 MPH. GUST TO 14 MPH.

#### .TONIGHT...

SKY/WEATHER.......PARTLY CLOUDY THEN BECOMING MOSTLY CLOUDY. SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS AFTER 10 PM.

CHANCE OF PCPN.....40 PERCENT.

MIN TEMPERATURE.....55-59.

MAX HUMIDITY......76-80 PERCENT.

SURFACE WINDS......SOUTHEAST WINDS 5 TO 8 MPH SHIFTING TO THE WEST 3 TO 6 MPH AFTER MIDNIGHT.

#### .THURSDAY...

SKY/WEATHER......MOSTLY CLOUDY. A CHANCE OF RAIN SHOWERS AND A SLIGHT CHANCE OF THUNDERSTORMS.

CHANCE OF PCPN.....40 PERCENT.

MAX TEMPERATURE,....74-78.

MIN HUMIDITY......34-39 PERCENT.

SURFACE WINDS......SOUTHWEST WINDS 4 TO 8 MPH INCREASING TO 8 TO 15 MPH IN THE EARLY AFTERNOON. WINDS SHIFTING WEST AND INCREASING TO 18 TO 25 MPH AFTER 4 PM.

5. Prepared by:	Tristan Hay, SITL	Signature:	Frether		
Weather Forecast		Date:	5/10/2017	Time:	16:00hrs



### **Activity Log**

1. Incident Name:	2017 Hanford PUREX Incident	2. Operational Period:	Date From: Time From	5/10/17 Date To: 0800 Time To:	5/12/17 0800
3. Name		osition:		ency and Unit	0000
	1	odition.	o. Home Age	ency and onit	
6. Personnel Assign	ned:		<u> </u>	·	
Name		ICS Position	Н	ome Agency and Unit	
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				/ · · · · · · · · · · · · · · · · · · ·	
7. Activity Log:			<u></u>		
Date and Time:		Notable /	Activities:		
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8. Prepared by:		Signature;			
ICS Form 214, Page	1 of 2	Date:		Time:	

# WA DOH Incident Management Team SITUATION REPORT # 2

Incident Name: 2017 Hanford PUREX 200 East Event

Mission # 17-1581

### New Information is Highlighted in Yellow

Date:	05/10/2017	Time: 1500
Phone	: 360-236-4191	E-mail: doh-siti@doh.wa.gov

#### I. INCIDENT HISTORY AND IMPACTED AREA:

During routine surveillance of an area of the Hanford Nuclear Reservation on the morning of May 9<sup>th</sup>, 2017, a 20-foot-wide hole was observed in the roof of an underground storage tunnel was near the Plutonium Uranium Extraction Facility (PUREX). This tunnel contains significant amounts of radiological material. Surrounding counties and states were notified and the US Department of Energy (DOE) ordered precautionary sheltering of employees. A Site Area Emergency was declared.

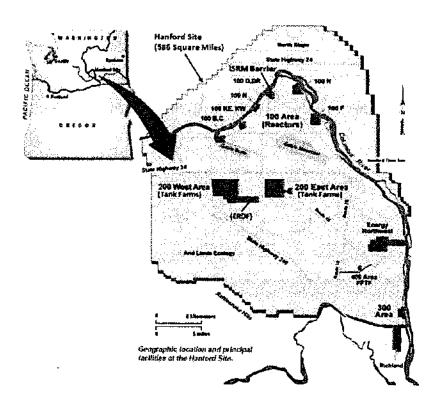
US DOE and the Washington State Department of Health (DOH) in partnership with other agencies are monitoring radiation levels around the affected area and at this time have found no evidence of contamination. No injuries have been reported.

After no contamination was detected in initial surveys, the shelter in place order was lifted and employees were sent home from work early as a precaution. Workers continue to monitor the area for contamination as crews on site load soil into the tunnel to cover the radioactive materials.

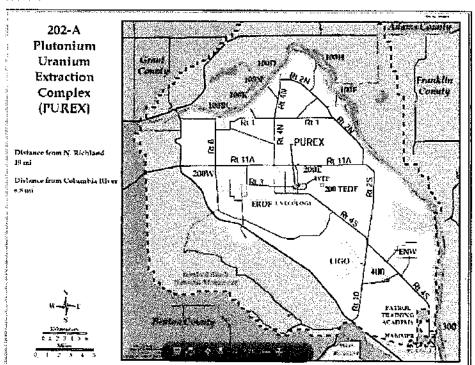
The approximately 360 foot long tunnel where the partial collapse occurred contains 8 rail cars loaded with contaminated equipment. That tunnel feeds into a longer tunnel that extends hundreds more feet and contains 28 rail cars loaded with contaminated equipment. The hole opened up in the shorter tunnel near where it joins the longer tunnel. The tunnels were sealed in the mid-1990s and are checked periodically.

There are no evacuation orders or shelter-in-place orders in place for the communities surrounding the Hanford Nuclear Reservation.

The Washington State Emergency Operations Center (SEOC) is active under the mission number 17-1581.



1:20 PM -



Adapted from www.hanford.gov

#### II. CURRENT SITUATION

#### Tuesday 5/9/2017

Field Teams were activated on 5/9/2017 in response to an incident at the Hanford Nuclear Reservation. A tunnel collapsed over an area where radiological materials are stored at the site, leading the Department of Energy (DOE) to declare a Site Area Emergency and activate response protocols. There is no indication at this time that radiological contamination has left the Hanford site, but monitoring and data collection by DOH EPH staff, in coordination with DOE staff, are critical to assess potential impacts. There are no reports of injuries, deaths, or human contamination at this time. No evacuations or shelter in place orders have been initiated by local jurisdictions.

#### Wednesday 5/9/2017

US DOE is providing situational information to WA DOH personnel on a regular basis through the Unified Dose Assessment Center (UDAC) and US DOE Joint Information Center (JIC). DOH is seeking further information about the tunnel and its integrity, and will be meeting with US DOE and WA Ecology later today to discuss the tunnel and long term plans to assure its stability.

On the evening of 5/9/2017 and into the morning of 5/10/2017 crews began work on spreading gravel to gain access to the hole and began the process of covering the contaminated materials with soil. Fill operations began with a test dump at 0615am on 5/10/2017 and will continue until the entire hole is filled. US DOE is working to complete fill operations before this evening when there is potential for severe weather in the affected area.

DOH has field teams standing by which are prepared to conduct additional environmental monitoring as needed. Continuous air monitoring is being conducted by US DOE. The air samples that were collected by the field teams on 5/9/2017 are being sent to the WA state Public Health Labs on 5/10/2017 for analysis which can take two to five days to complete. Currently DOH staff are present at the State Emergency Operations Center (EOC) at Camp Murray, and the State EOC is fully activated for this incident. The IMT is also fully operational at DOH headquarters in Tumwater.

As of 13:45hrs on 5/10/2017 30 truckloads have been dumped into the hole and DOE estimated that they are about halfway filled.

#### **Current Weather**

200E tower met conditions as of 1100 PDT

Wind Speed 3.5 mph Peak Gust 10.4 mph Direction E Stability Class A Relative Humidity 38% Temperature 71.0 F

#### Discussion:

Mostly sunny and warm conditions will continue for the remainder of the afternoon hours. Southeast winds will remain light through sunset. A slight chance of a shower or thunderstorm will be possible after about 10 pm this evening. Chances for showers and thunderstorms will gradually increase overnight and into early Thursday morning. After a brief break in the activity, chances for additional showers and thunderstorms will continue through the day Thursday. Southwest winds will increase starting Thursday morning and into the

early afternoon. A cold front will cause an abrupt wind shift during the late afternoon hours as westerly winds become strong and gusty. Winds should then decrease back down to around 10 MPH later Thursday night. (Spot forecast courtesy of NWS Forecast Office Pendleton, OR)

#### III. CURRENT RESPONSE ACTIVITIES - WASHINGTON DEPARTMENT OF HEALTH

#### General Update:

- US DOE Officials continue to collect and monitor air samples and are working to fill the hole in the tunnel roof.
- US DOE officials do not intend to downgrade the incident until the hole is completely filled and brought to grade.

#### **Environmental Monitoring Update:**

 Air samples were taken by DOH officials at 9 different locations around the Hanford site boundary in order to identify potential threats to public health. Field tests show background levels of radiation which are not hazardous to public health. The samples have been sent to the PHL for further analysis.

#### Public Health Laboratories (PHL) Update:

PHL is expected to receive the samples taken on 5/9/2017 and begin analysis 5/10/2017.

#### Hospital Surveillance Update:

- The WA DOH Rapid Health Information NetwOrk (RHINO) is conducting syndromic surveillance of patient visits to Emergency Departments in the region to identify visits related to this incident.
- Oregon Health Authority has been informed and is also conducting syndromic surveillance to detect potential cross-border impacts.

#### Communications Update: -

 DOH staff are updating the Strategic Communications Dashboard and Holding Statement. DOH has posted on Facebook and Twitter DOH centric messaging and are coordinating messaging with SEOC PIO and JIC PIO.

#### IV. ADDITIONAL RESPONSE RESOURCES

www.hanford.wa.gov

\*\*\*The next Situation Report will be released at 1700hrs on 5/11/2017 unless the situation changes significantly\*\*\*

From:

DOH-LOFR (DOH)

Subject: Date: WA Dept of Health: IAP and SitRep #1 Tuesday, May 9, 2017 5:41;00 PM

Attachments:

IAP#1.pdf

Handford PUREX SitRep 1 05 10 2017.pdf

This message is being sent to agency leadership, as well as local health and tribal partners:

Good evening,

At 10 a.m. on May 9, 2017 the Washington State Department of Health (DOH) Incident Management Team, Environmental Public Health (EPH) Radiological Field Teams, and DOH representatives were sent to the Washington State Emergency Operations Center to support Emergency Support Function #8 in response to an incident at the Hanford Nuclear Reservation.

We have DOH teams monitoring select public areas for air and soil radioactive contamination. There are no reports of injuries, deaths, or human contamination at this time. No evacuations or shelter in place orders have been initiated by local jurisdictions.

Attached is the first Situation Report for your review. Additionally, the Incident Action Plan (IAP) #1, covers DOH IMT activities through May 12 at 8:00 a.m.

Please do not 'Reply All' to this email. If there are any requests for additional information please contact the DOH Liaison Officer at 360-236-4198, or email doh-lofr@doh.wa.gov.

Regards,

Kristen Baird Romero

Washington State Department of Health

Incident Mangement Team (IMT)

Liaison Officer Desk

Desk Phone: 360.236.4198 <u>DOH-LOFR@doh.wa.gov</u> From:

DOH-LOFR (DOH)

To:

DOH-FSC (DOH); DOH-IC (DOH); DOH-LOFR (DOH); DOH-LSC (DOH); DOH-OPC (DOH); DOH-OSC (DOH); DOH-PIO (DOH); DOH-PSC (DOH); DOH-RESL (DOH); DOH-STTL (DOH); Adkinson, Theresa (DOHi); Apa, James (DOHI); Barlow, Danelle (DOHI); Bassham, Susann (DOHI); Brastad, Andy (DOHI); Cameron, Sue (DOHI); Cole, Amanda (DOHi); Delahunt, Regina (DOHi); Dzedzy, Ed (DOHi); Eshelman, Christal (DOHi); Goelz, Mary (DOHi); Goodwin, Annie; Guidry, Jessica (DOHi); Henderson, Troy (DOHi); Higman, Keith (DOHi); Ibach, Ryan (DOHi); Jecha, Larry (DOHi); Jeffers, Edie (DOHi); Johnson, Ben (DOHi); Jones, Lauri (DOHi); Karasz, Hilary (DOHi); Knutson, Kasey (DOHi); Lanman, Martha (DOHi); Lewis, Cody (DOHi); Lithgow, Mike; U-Vollmer, Meredith (DOHi); Person, Amy, DR (DOHi); Potts, Karen (DOHi); Read, Robin (DOHi); Sloan, Susan (DOHi); Strehle, Sheila; Strick, Don (DOHi); Tennis, John (DOHi); Thomas, Brad (DOHi); Travis, Leta (DOHi); Wimsett, Kateri; Winans, Joby (DOH); Wood, Rachel, Dr (Thurston) (DQHi); Woodbury, Brady (DQHi); Zaccaria, Jason (DQHi); Ł Deshields; A. Means; C. Breault, Johnson, Corrie (DOHi); Glen Roggenbuck; James Shike; Bruner, Jasper (DOHi); Katherine Clark; Kristina Currie; Lloyd Lee; M. Cline; monica mogee; Check, Pat (DOHi); Sabrina Bees; Stacy McKay: W. Bashir; Z. Deshields; DOH DL OS LHJ Directors; DOH DL OS LHJ Health Officers; DOH DL OS LHJ Leadership; DOH DL OS PHEPR Coalition Leads; DOH DL OS PHEPR LERC; DOH DL OS PHEPR RERC; DOH DL OS Tribal Health Directors; HLTH MOC Duty Officer HLTH:EX; hecc@nwhrn.org; seoc45 (MIL); DOH DL Agency Leadership Group; lynda@nwtemc.org; del.ostenberg@cctps.org; Claude@nwtemc.org; J. Cartwright (jeff.cartwright@wsfc.wa.gov); Canniff, Bridget (DOHi); Weiser, Tom (DOHi); DOH DL OS PHEPR Tribal Contract

Managers; DOH-DOCL (DOH); DOH-LOFR2 (DOH); DOH-LOFR3 (DOH)

Subject:

2017 Hanford PUREX DOH Incident Action Plan #1Revised and SitRep #2

Date: Attachments: Wednesday, May 10, 2017 5:24:53 PM 2017 Hanford PUREX JAP #1R.pdf

Hanford PUREX SitRep 2 05 10 2017.pdf

#### Good afternoon -

The 2017 Hanford PUREX Dept. of Health Incident Action Plan #1 Revised and SitRep #2 are attached.

Please call 360-236-4198 with questions about either of these documents.

Thank you, Ron Weaver DOH Liaison Officer Dept. of Health 360-236-4198

Doh-lofr@doh.wa.gov