

Save

Problem Evaluation Request (PER)

WRPS-PER-2008-0149

Closed 11/10/2008 10:45

PER No	Date of Discovery	Time of Discovery (24:00)	Project
WRPS-PER-2008-0149	10/29/2008	13:30	Radcon-BO
Location			
S Farm			
How Was Problem Discovered			
Radiological Surveys			
Description of Concern or Problem			
High levels of contaminated rabbit feces have been discovered inside and outside of the S-complex with activity levels ranging from 5000 dpm/100cm ² beta gamma and no alpha, up to 110 mrad/hr/100cm ² beta gamma uncorrected (corrected rate of 19.8 rad/hr/100cm ²) with 1250dpm/100cm ² alpha. Highest in an unposted area (adjacent to S trailer) was 200,000 dpm/100cm ² beta gamma with <20 dpm/100cm ² alpha. This finding along with other similar contamination events occurring around this same complex are indicative of a serious contamination source somewhere nearby. Failure to seek out this contamination source directly contributes to the buildup and spread of contamination inside and outside the complex which compromises the radiological safety of the personnel at our facility. Also the fact that some of the feces had alpha contamination could indicate the possibility of S-102 waste spill playing some part.			
Requirement Not Satisfied		Source Document Number	
HNF-5183 too many to list			
Equipment Identification Number		System Identification	
241-S complex		Waste Storage Tank	
Immediate actions Taken or Planned			
<ol style="list-style-type: none"> 1. Cleaned up contamination discovered above 100,000 dpm/100cm² beta gamma inside the farm. 2. Cleaned up contamination discovered outside of S trailer. 3. Notified Radcon supervisor. 4. Notified shift manager. 5. Issued RSR# WTO-012287. 6. Issued PER. 			
Recommended Corrective actions			
Let us seek out the source and dispose of it, if there is one in or around our tank farm, if a source is found then we can stop it from spreading. If no source is found then at least we will know that it is either no longer there, didn't come from the farm but at least we will know we are no longer causing more contamination spreads.			
Originator Contact			
1. I would like to help define the problem. 2. I would like to help in investigating the cause. 3. I would like to review the the corrective actions at closure to ensure they were effective.			
Originators Name	Originators ID	Originators Phone	Date Initiated
Cole, Ross V	H0070822	(509) 373-2526	10/30/2008
SHIFT OPERATIONS REVIEW			
Title			
High levels of contaminated rabbit feces have been discovered inside and outside of the S-complex			
How Discovered		Agency	
self-ID prior to event			
Reportability	SSC Operability	Operability Review	Comp Measures Req
Non-Reportable	N/A	N/A	
Describe actions Taken or Recommended			
Outside contamination was reported to FH POC for reportability. Recommend assigning to Facility Manager/Radcon for resolution. BO SO.			
SO Reviewer Name	SO Reviewer ID	SO Reviewer Phone	SO Review Date
Andrews, Jeffrey E	H0078933	(509) 373-2689	10/30/2008
SCREENING			
PER Significance Level			

PIE/CIM			
Independent Assessment Review	Occurrence Report Number	Externally Identified	
No		No	
Assigned Responsible Manager	Facilities Rep / SSO	Safety Management Rep	
Ficklin, Jim			
Program		Safety Management Program	
● **N/A**		● **N/A**	
PER Screening Comments			
Fluor Hanford will take care of outside contamination. Requested that RSR # WTO 012287 be attached to this PER. (Nancy Brown 11/03/08)			
Causal Code			
MGT/Comm/Train	Human Performance	GEMS	Equip/Eng/Other
Failed Barrier	ORPS Code	Functional Area	Work Process
	Not Applicable	Radiation Protection	● Radiological Contamination Control
ISMS	Consequence Code		
Perform work within the controls	● Contam - Legacy - Discovery of contamination from past practices or spills in soil, animal, or vegetation		
PER Screening Chair	PER Screening Chair ID	PER Screening Chair Phone	PER Screening Date
Brown, Nancy L	H0088797	(509) 373-0992	11/03/2008
PAAA REVIEW			
PAAA Screening	PAAA Codes	Function Codes	
Not subject to PAAA			
NTS Report Number	NTS Report Date		
Repetitive / Recurrent	Programmatic	Intentional Violation / Misrepresentation	
No	No	No	
PAAA Screening Comments			
PAAA Reviewer Name	PAAA Review Date		
Anderson, Craig E	11/03/2008		
PAAA Approver Name	PAAA Approve Date		
Anderson, Craig E	11/04/2008		
SENIOR MANAGEMENT REVIEW/CONCURRENCE			
TF Operations Morning Leadership Call			
None. 11/4/08			
Instructions for Responsible Manager			
Evaluate suggestion, enter comments and required actions on PIE/CIM tab of the PER. Disposition in accordance with TFC-ESHQ-Q_C-C-01, Problem Evaluation Request.			
Senior Management	Sr Mgmt ID	Sr Mgmt Phone	Sr Mgmt Review Date
Owen, Annette	H0054042	(509) 372-0533	11/04/2008
CAUSE ANALYSIS			

ATTACHMENTS

Link to PER

WRPS-PER-2008-0149 High levels of contaminated rabbit feces have been discovered inside and outside of the S-complex .msg

WRPS-PER-2008-0149 Team Effort.msg

AUDIT HISTORY

Change Date	Auditor	Comments
11/03/2008 15:09	Brown, Nancy L	'Program/Project' was changed from Don't Know to Rad Con BO.
11/04/2008 08:21	Owen, Annette	Responsible Manager Task Launched by Owen, Annette

-- End of Report --
11/10/2008 10:45 AM

Task# WRPS-PER-2008-0149			
E-STARS ^R Report Task Detail Report 11/10/2008 1045			
TASK INFORMATION			
Task#	WRPS-PER-2008-0149		
Subject	PIE; High levels of contaminated rabbit feces have been discovered inside and outside of the S-complex		
Parent Task#		Status	CLOSED 11/10/2008
Reference		Due	12/29/2008
Originator	^PER Coordinator	Priority	Medium
Originator Phone		Category	PER
Origination Date	10/30/2008 1033	Generic1	None
Remote Task#		Generic2	None
Deliverable	PER Review	Generic3	None
Class	None	View Permissions	Global
Instructions	<i>No Instructions</i>		
ROUTING LISTS			
1	Responsible Manager		Inactive
	Evaluate suggestion, enter comments and required actions on PIE/CIM tab of the PER. Disposition in accordance with TFC-ESHQ-Q_C-C-01, Problem Evaluation Request.		
	<ul style="list-style-type: none"> Ficklin, Jim - Assign - Completed with comments - 11/10/2008 0811 <i>Instructions:</i>		
	<ul style="list-style-type: none"> Ficklin, Jim - Assign - Completed - 11/10/2008 0811 <i>Instructions:</i> Did you contact the originator about the PER? Document your contact in the response window.		
2	Review Initial PER		Inactive
	Review New PER		
	<ul style="list-style-type: none"> ^SO(Andrews, Jeffrey E) - Review - Concur - 10/30/2008 1045 <i>Instructions:</i>		
	<ul style="list-style-type: none"> ^PER Screening(Brown, Nancy L) - Review - Concur - 11/03/2008 1513 <i>Instructions:</i>		
	<ul style="list-style-type: none"> ^Mgr Review(Owen, Annette) - Review - Concur - 11/04/2008 0821 <i>Instructions:</i>		
ATTACHMENTS			

Task# WRPS-PER-2008-0149			
Attachments	<ol style="list-style-type: none"> 1. Link to PER 2. WRPS-PER-2008-0149 High levels of contaminated rabbit feces have been discovered inside and outside of the S-complex .msg 3. WRPS-PER-2008-0149 Team Effort.msg 		
COLLABORATION			
COMMENTS			
Poster	Ficklin, Jim - 11/10/2008 0811		
	Completed		
	<p>PIE/CIM evaluation complete. This recommendation will not be adopted due to the fact that there is already an ongoing team effort to address the burgeoning contamination issues in/around S Complex, among other Site legacy contamination issues. An e-mail describing the multi-contractor team effort, points-of-contact, and current status has been attached to the associated TDR. A feedback e-mail to the PER originator has also been attached.</p> <p>This PER can be closed.</p>		
Poster	^PER Coordinator (Glaman, Linda R) - 11/10/2008 1011		
	CLOSED		
	<p>Originator Contact confirmation was included in the 1st completion statement and documented with attached evidence.</p> <p>PER complete. L Glaman</p>		
TASK DUE DATE HISTORY			
Modified	11/04/2008 0821 - ^PER Coordinator	New Due Date	12/29/2008 1630
Modified	11/04/2008 0821 - ^PER Coordinator	New Due Date	12/29/2008 1630
Modified	10/30/2008 1033 - ^PER Coordinator	New Due Date	11/01/2008 1630
SUB TASK HISTORY			
<i>No Subtasks</i>			
<i>-- end of report --</i>			

Message

From: Welch, Jerry L
Sent: Friday, November 07, 2008 3:03 PM
To: Ficklin, James W (Jim); Brannan, Patrick B (Brad)
Subject: RE: S Farm Contamination PER

Jim,

A team consisting representatives from WRPS, CHPRC and FH has been established to resolve the issue you are faced with. At our first meeting last week each contractor was assigned a task for a path forward to resolve the issues. The following is a brief on what we are doing.

1. Team 1 – Develop, define and map boundaries and barriers	Team Leader: FH - Kevin Ekstrom <i>Mr. Ekstrom has confirmed that he is the right party.</i>	Nov. 28, 2008
2. Team 2 – Establish current and future veg. & biol. control needs, prioritize list of areas requiring near term and future cleanup, complete proposed schedule and list of needs from operations (PRC, TOC) to support cleaning up the identified legacy issues	Team Leader: FH – Ray Johnson	Status at next mtg.
3. Team 3 – Develop consistent rad. survey and posting practices and reach agreement between Contractors, clarify R2A2s	Team Leader: TOC - Jim Rolph	TBD
4. Integrate near and long-term schedule into Contractor (TOC, PRC) schedules and planning cycles	TOC & PRC Operations	TBD
5. Setup meeting for 2 weeks to status initial actions	TOC IM (Hatcher)	11/4/08 COMPLETE Mtg. w/ team leads set for 11/18 @ 3 pm
6. Document agreements on AIA – one document for all 3 Contractors	TOC IM will lead (Hatcher); involves TOC, PRC, FH	TBD

Jerry Welch
Base Operations
RadCon
372-1819
Cell 539-2790

From: Ficklin, James W (Jim)

Sent: Friday, November 07, 2008 1:37 PM
To: Brannan, Patrick B (Brad); Welch, Jerry L
Subject: RE: S Farm Contamination PER

thanks!

From: Brannan, Patrick B (Brad)
Sent: November 07, 2008 1:19 PM
To: Welch, Jerry L
Cc: Ficklin, James W (Jim)
Subject: FW: S Farm Contamination PER

Jerry,

Please get this info to Jim.

Thanks,

Brad

From: Ficklin, James W (Jim)
Sent: Friday, November 07, 2008 1:19 PM
To: Brannan, Patrick B (Brad)
Cc: Tucker, Ronald P; 'Welch, Jerry L'
Subject: RE: S Farm Contamination PER

Can you send me some information regarding that "team" . . . I can use that to close this PIE/CIM, since that effort is already in progress.

From: Brannan, Patrick B (Brad)
Sent: November 07, 2008 1:17 PM
To: Ficklin, James W (Jim)
Cc: Tucker, Ronald P; Welch, Jerry L
Subject: RE: S Farm Contamination PER

Jim,

We do not have \$\$ in our contract to track down Biological intrusions outside of the farm as that is outside of our scope. The only thing we can do is pick up what we find inside the fence, and if it's easy enough, what is outside of the fence. That is usually assigned to the farm owner as a TUF. As you know, the biological control issue is one heck of a mess, hopefully the team we have on it will make some headway so that these issues can be firmly addressed by the responsible contractor.

I know I'm stating the obvious. Sorry.

Brad

From: Ficklin, James W (Jim)
Sent: Friday, November 07, 2008 11:18 AM
To: Brannan, Patrick B (Brad)
Cc: Tucker, Ronald P
Subject: S Farm Contamination PER

Importance: High

Brad,

The link is to a PIE/CIM PER recently assigned to me (among others). I believe it should have been assigned to RadCon. PERs requiring a specific area to be cleaned-up/deconned come to me, but this one requires radiological expertise in determining the resolution/path forward. Please look at the PER and let me know what we should do with it.

<http://tfc.rl.gov/per/index.cfm?page=main.cfm&perid=28949>

Thanks.

j.

Ross,

Please see my update to the referenced PER and the e-mail attached to the associated TDR. A joint effort between FH, the PRC, and WRPS is already in progress and is intended to find resolution to the issue you have identified as well as other radiological concerns throughout the 200 Areas plateau.

Thank you for your input.

j.