September 2008 Electrical Safety Occurrences

There were 6 electrical safety occurrences for September 2008:

- 1 resulted in an electrical shock
- 1 involved lockout/tagout
- 1 involved excavation damage to an electrical line
- 2 involved vehicle intrusions of electrical service
- 2 involved electrical workers and 4 involved non-electrical workers
- 3 occurrences involved subcontractors

In compiling the monthly totals, the search initially looked for occurrence discovery dates in this month (excluding Significance Category R reports), and for the following ORPS "HQ keywords":

01K - Lockout/Tagout Electrical, 01M - Inadequate Job Planning (Electrical),

08A - Electrical Shock, 08J - Near Miss (Electrical), 12C - Electrical Safety

The initial search yielded 6 occurrences and a review of these determined none needed to be culled out.

Below is the current summary of 2008 electrical safety occurrences:

Period	Electrical Safety Occurrences	Shocks	Burns	Fatalities
Jan-08	17	7	0	0
Feb-08	8	3	0	0
Mar-08	5	1	0	0
Apr-08	11	1	0	0
May-08	13	1	1	0
Jun-08	11	4	0	0
Jul-08	12	1	0	0
Aug-08	12	4	0	0
Sep-08	6	1	0	0
2008 total	95 (avg. 10.6/month)	23	1	0
2007 total	140 (avg. 11.7/month)	25	2	0
2006 total	166 (avg. 13.8/month)	26	3	0
2005 total	165 (avg. 13.8/month)	39	5	0
2004 total	149 (avg. 12.4/month)	25	3	1

The average rate of electrical safety occurrences in 2008 is 10.6 per month, which is less than the average rate of 11.7 per month experienced in 2007.



EE - Energy Efficiency and Renewable Energy, EM - Environmental Management, FE - Fossil Energy, LM - Legacy Management, NA - National Nuclear Security Administration, NE - Nuclear Energy, RW - Civilian Radioactive Waste Management, SC - Science

Electrical Safety Occurrences – September 2008

No	Report Number	Subject/Title	$\mathbf{EW}^{(1)}$	$N-EW^{(2)}$	SUB ⁽³⁾	SHOCK	BURN	ARCF ⁽⁴⁾	LOTO ⁽⁵⁾	EXCAV ⁽⁶⁾	CUT/D ⁽⁷⁾	VEH ⁽⁸⁾
1	EM-RLPHMC- PFP-2008-0005	The Boom of a Moving Excavator Contacted Overhead Communication Lines, Pulling Down Two Poles and Exposing Underground Electrical Lines.		Х	X							Х
2	EM-SRSRNS- SRNL-2008-0001	Riding Mower Damages 480 V. Power Cord		Х								Х
3	NALASO-LANL- HEMACHPRES- 2008-0002	Non-energized Electrical Line Cut During Excavation Project		Х	X					Х		
4	NE-IDBEA-FCF- 2008-0003	Broken Fuse Holder Results in Electrical Shock to Operator		Х		Х						
5	SCPNSO-PNNL- PNNLBOPER-2008- 0019	Subcontractor Work Control Issue	X		X				Х			
6	SCTJSO-JSA- TJNAF-2008-0004	Unexpected Discovery of Hazardous Energy while Conducting Diagnostics	X									
	TOTAL		2	4	3	1			1	1		2

Key

(1)EW = electrical worker, (2)N-EW = non-electrical worker, (3)SUB = subcontractor, (4)ARCF = significant arc flash, (5)LOTO = lockout/tagout, (6)EXCAV = excavation, (7)CUT/D = cutting or drilling, (8)VEH = vehicle event

ORPS Operating Experience Report 2 Production GUI - New ORPS

ORPS contains 53915 OR(s) with 57233 occurrences(s) as of 10/6/2008 10:38:26 AM Query selected 6 OR(s) with 6 occurrences(s) as of 10/6/2008 12:20:17 PM

	Download this report in Microsoft Word format. 🗐					
1)Report Number:	EM-RLPHMC-PFP	<u>-2008-0005</u> After	2003 Redesign			
Secretarial Office:	Environmental Manag	gement				
Lab/Site/Org:	Hanford Site					
Facility Name:	Plutonium Finishing	Plant				
Subject/Title:	The boom of a moving excavator contacted overhead communication lines, pulling down two poles and exposing underground electrical lines.					
Date/Time Discovered:	09/10/2008 12:55 (PT	TZ)				
Date/Time Categorized:	09/10/2008 14:30 (PT	TZ)				
Report Type:	Notification					
Report Dates:	Notification 09/12/2008 14:24 (ETZ					
	Initial Update					
	Latest Update					
	Final					
Significance Category:	3					
Reporting Criteria:	10(3) - A near miss, where no barrier or only one barrier prevented an event from having a reportable consequence. One of the four significance categories should be assigned to the near miss, based on an evaluation of the potential risks and the corrective actions taken. (1 of 4 criteria - This is a SC 3 occurrence)					
Cause Codes:						
ISM:						
Subcontractor Involved:	Yes G.A. Grant Construction					
Occurrence Description:	While a G. A. Grant Construction Heavy Equipment Operator (HEO) was moving an excavator out of a construction zone at the PFP, the excavator boom contacted and pulled down two utility poles and two sections of over head communications lines. The nearest worker to any of the poles or communication lines was a security escort, who was over 20 feet away northwest from the final position of the first downed utility pole.					

	The excavator had been set up to support the installation of the Hanford Unirradiated Fuel Package (HUFP) pad. The HEO moved the excavator from the HUFP pad to the perimeter roadway (inside the protected area) in preparation for moving it out of the protected area. The HEO did not interrupt other work to obtain a spotter while moving the excavator and the work crew continued finishing a concrete segment that had been recently poured.
	The HEO did obtain a security escort to accompany him during this transitional move, but did not obtain a required spotter/ flagman (in accordance with work package 2Z-08-03117, the Job Safety Analysis and HNF- RD-28954 "Equipment Operation near Overhead Electrical Lines"). In addition, while the HEO did position the secondary boom of the excavator to its lowest position (this is the distal segment attached to the shovel), he failed to lower the primary boom to its lowest position prior to moving the excavator.
	While moving, the boom contacted communication lines that were 17-feet above the perimeter roadway. The excavator was moving northwest when it snagged the communication lines, causing a utility pole due east of the excavator to break off near ground level and fall due west to the ground. The nearest worker was over 20 feet away from where this pole landed. The displacement of this first utility pole caused a second utility pole southeast of the excavator to fall due north toward Building 2721-Z (a small concrete out-building containing diesel generators). The fallen poles displaced three under ground electrical lines within conduit (one 110-v & two 240-v), with one 110-v shorting out and tripping its associated circuit breaker.
Cause Description:	
Operating Conditions:	Does not apply
Activity Category:	Construction
Immediate Action(s):	 Work was immediately stopped. Notifications were made. The excavator was placed into a safe configuration (engine off and boom lowered to rest). A protective zone was established around the equipment, downed utility poles and downed lines,

	 personnel were evacuated from the area, and statements and photos were gathered. An alternate entrance/ exit was established for nearby Building 2736-ZB as part of the scene stabilization. Hanford Electrical Utilities, PFP Engineering, and PFP Operations completed scene stabilization efforts involving the identification, isolation, and securing of communication and electrical utilities. Scene stabilization efforts were coordinated with Security Services and Hanford Patrol. Hanford Fire Department was notified of area restriction.
FM Evaluation:	
DOE Facility Representative Input:	
DOE Program Manager Input:	
Further Evaluation is Required:	Yes. Before Further Operation? No By Whom: By When:
Division or Project:	Plutonium Finishing Plant Closure Project
Plant Area:	200 West
System/Building/Equipment:	Communications/ Bldg 2736-ZB/ overhead lines
Facility Function:	Plutonium Processing and Handling
Corrective Action:	
Lessons(s) Learned:	
HQ Keywords:	05EMechanical/Structural - Structural Deficiency/Failure 07DElectrical Systems - Electrical Wiring 08FOSHA Reportable/Industrial Hygiene - Industrial Operations Issues 08HOSHA Reportable/Industrial Hygiene - Safety Noncompliance 08JOSHA Reportable/Industrial Hygiene - Near Miss (Electrical) 08KOSHA Reportable/Industrial Hygiene - Near Miss (Other) 10CTransportation - Industrial Equipment Movement Incident 11GOther - Subcontractor 12KEH Categories - Near Miss (Could have been a serious injury or fatality) 13AManagement Concerns - HQ Significant (High-

	lighted for Management attention) 13EManagement Concerns - Facility Call Sheet 14EQuality Assurance - Work Process Deficiency					
HQ Summary:	While a subcontractor heavy equipment operator was moving an excavator out of a construction zone at the PFP, the excavator boom snagged two sections of overhead communications lines, pulled down two utility poles and exposed underground electrical lines causing a circuit breaker to trip. The nearest worker to any of the poles or communication lines was a security escort, who was more than 20 feet away. Work was immediately stopped, notifications were made and the excavator was placed into a safe configuration (engine off and boom lowered to rest).					
Similar OR Report Number:						
Facility Manager:	NameJD MPhone(509)TitleDIR	MATHEWS) 373-4598 ECTOR FAC	ILITY MANAG	EMENT		
Originator:	Name SMI Phone (509 Title OPE	TH, JAMES V) 372-3012 RATIONS M	WIANAGER			
HQ OC Notification:	Date Time NA NA	Person Notifi NA	ed Organization NA	-		
Other Notifications:	Date 09/10/2008	Time 14:30 (PTZ)	Person Notified SL Trine	Organization DOE-RL		
	3					

Authorized Classifier(AC):

2)Report Number:	EM-SRSRNS-SRNL-2008-0001 After 2003 Redesign					
Secretarial Office:	Environmental Management					
Lab/Site/Org:	Savannah River Site					
Facility Name:	Savannah River National Laboratory					
Subject/Title:	Riding Mower Damages 480 V. Power Cord					
Date/Time Discovered:	09/02/2008 09:30 (ETZ)					
Date/Time Categorized:	09/02/2008 12:30 (ETZ)					
Report Type:	Notification					
Report Dates:	Notification 09/04/2008 12:04 (ETZ)					

	Latest Undate					
Significance Catagory	2					
Significance Category:	3		0 1 1			
Reporting Criteria:	10(2) - An event, condition, or series of events that does not meet any of the other reporting criteria, but is determined by the Facility Manager or line management to be of safety significance or of concern to other facilities or activities in the DOE complex. One of the four significance categories should be assigned to the occurrence, based on an evaluation of the potential risks and the corrective actions taken. (1 of 4 criteria - This is a SC 3 occurrence)					
Cause Codes:	A1B5C02 - Design/Engineering Problem; Operability of Design / Environment LTA; Physical environment LTA					
ISM:	2) Analyze the Hazards3) Develop and Implement Hazard Controls4) Perform Work Within Controls					
Subcontractor Involved:	No					
Occurrence Description:	A 480 volt, 3-phase power cord for the A-014 soil vapor extraction (SVE) pilot scale demonstration in lower 700 Area was cut by an SRNL Environmental Science and Biotechnology (ES&BT) technician while mowing the grass in the area. There were no injuries as a result of the event. The electrical severity of this event is catergorized as "Medium Significance" (rather than "High" or "Extreme" significance) using the Electrical Severity Measurement Tool guidance developed by the EFCOG. The calculated severity for this event is 300 (medium significance is score of 31-330). This event scores as follows: Electrical Hazard: 300 (480V); Environment Factor: 5; Shock					
	PPE mitigations, Inju	ry Factor:1.				
Cause Description:	Direct cause: The power cable was not marked in a manner to make it visible in heavy grass cover. Contributing cause: Grass cutting was not evaluated in the Hazard Analysis Plan because the project was not originally projected to extend into the grass growing season. The Hazard Analysis Plan was not re-evaluated upon extension of the project duration.					
Operating Conditions:	Normal operations.					

Immediate Action(s):The power source was de-energized. All mowing by SRNL personnel was suspended. Initial event review conducted on 9/2/2008. Follow-up event review conducted on 9/2/2008.FM Evaluation:While there were no impacts to the facility, the event had potential to impact the safety of the individual operating the mower.DOE Facility Representative Input:Yes.Before Further Operation? No By Whom: Apollo Analysis Team By Whom: Apollo Analysis Team By Whom: Apollo Analysis Team By Whom: Apollo Analysis Team By When:Division or Project:SRNLPlant Area:Lower 700 Area, Coverctive Action 01:Corrective Action 02:Target Completion Date:09/02/2008Target Completion power poleTracking ID:2008-CTS- 012781, Item 3Corrective Action 03:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 03:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781,	Activity Category:	Maintenance				
FM Evaluation: While there were no impacts to the facility, the event had potential to impact the safety of the individual operating the mower. DOE Facility Representative Input: DOE Program Manager Input: Further Evaluation is Yes. Required: Before Further Operation? No By Whom: Apollo Analysis Team By When: Division or Project: SRNL Plant Area: Lower 700 Area, System/Building/Equipment: A-014 Soil Vapor Extraction Pilot Scale Demo Facility Function: Laboratory - Research & Development Corrective Action 01: Target Completion Dite: 09/02/2008 Tracking ID:2008-CTS-012781, Item 3 Evaluate event for reportability Corrective Action 03: Target Completion Dite: 09/03/2008 Tracking ID:2008-CTS-012781, item 4 Have the Site Utilities Department check the fuses on the power pole Corrective Action 03: Target Completion Dite: 09/15/2008 Tracking ID:2008-CTS-012781, item 5 Reevaluate Hazard Analysis Plan prior to restart of work at the demonstration ite. Review/revise all active field demonstration Hazard Analysis Plans, as needed, to cover the unidentified hazard Corrective Action 04: Target Completion Date: 09/15/2008 Tracking ID:2008-CTS-012781, item 6 Evaluate methods for providing better identification of above ground lines and utilities fo	Immediate Action(s):	The power source was de-energized. All mowing by SRNL personnel was suspended. Initial event review conducted on 9/2/2008. Follow-up event review conducted on 9/4/2008.				
DOE Facility Representative Input: Second Secon	FM Evaluation:	While there were no impacts t potential to impact the safety of the mower.	o the facility, the event had of the individual operating			
DOE Program Manager Input:Yes. Before Further Operation? No By Whom: Apollo Analysis Team By Whom: Apollo Analysis Team By When:Division or Project:SRNLDivision or Project:SRNLPlant Area:Lower 700 Area,System/Building/Equipment:A-014 Soil Vapor Extraction Pilot Scale Demo Facility Function:Corrective Action 01:Target Completion Date:09/02/2008Tracking ID:2008-CTS- 012781, Item 3Corrective Action 02:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 	DOE Facility Representative Input:					
Further Evaluation is Required: Yes. Before Further Operation? No By Whom: Apollo Analysis Team By When: Before Further Operation? No By When: Division or Project: SRNL Plant Area: Lower 700 Area, System/Building/Equipment: A-014 Soil Vapor Extraction Pilot Scale Demo Facility Function: Laboratory - Research & Development Corrective Action 01: Target Completion Date:09/02/2008 Tracking ID:2008-CTS- 012781, Item 3 Corrective Action 02: Target Completion Date:09/03/2008 Tracking ID:2008-CTS- 012781, item 4 Have the Site Utilities Department check the fuses on the power pole Note:012781, item 5 Corrective Action 03: Target Completion Date:09/15/2008 Tracking ID:2008-CTS- 012781, item 5 Reevaluate Hazard Analysis Plan prior to restart of work at the demonstration site. Review/revise all active field demonstration Hazard Analysis Plans, as needed, to cover the unidentified hazard Corrective Action 04: Target Completion Date:09/15/2008 Tracking ID:2008-CTS- 012781, item 6 Evaluate methods for providing better identification of above ground lines and utilities for portable equipment deploymentsdemonstration Hazard Analysis Plans, as needed, to cover the unidentified hazard Corrective Action 05: Target Completion Tracking ID:2008-CTS- 012781, item 6	DOE Program Manager Input:					
Division or Project:SRNLPlant Area:Lower 700 Area,System/Building/Equipment:A-014 Soil Vapor Extraction Pilot Scale DemoFacility Function:Laboratory - Research & DevelopmentCorrective Action 01:Target Completion Date:09/02/2008Tracking ID:2008-CTS- 012781, Item 3Corrective Action 02:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Corrective Action 04:Evaluate Hazard Analysis Plan prior to restart of work at the demonstration site. Review/revise all active field demonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 04:Evaluate methods for providing better identification of above ground lines and utilities for portable equipment deploymentsdemonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 05:Target Completion Target Completion Date:09/15/2008	Further Evaluation is Required:	Yes. Before Further Operation? No By Whom: Apollo Analysis Team By When:				
Plant Area:Lower 700 Area,System/Building/Equipment:A-014 Soil Vapor Extraction Pilot Scale DemoFacility Function:Laboratory - Research & DevelopmentCorrective Action 01:Target Completion Date:09/02/2008Tracking ID:2008-CTS- 012781, Item 3Corrective Action 02:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Corrective Action 04:Target Completion power poleTracking ID:2008-CTS- 012781, item 5Corrective Action 04:Target Completion pate:09/15/2008Tracking ID:2008-CTS- 012781, item 6Corrective Action 04:Target Completion pate:09/15/2008Tracking ID:2008-CTS- 012781, item 6Corrective Action 04:Target Completion pate:09/15/2008Tracking ID:2008-CTS- 012781, item 6Corrective Action 05:Target Completion pate:09/15/2008Tracking ID:2008-CTS- 012781, item 6	Division or Project:	SRNL				
System/Building/Equipment:A-014 Soil Vapor Extraction Pilot Scale DemoFacility Function:Laboratory - Research & DevelopmentCorrective Action 01:Target Completion Date:09/02/2008Tracking ID:2008-CTS- 012781, Item 3Corrective Action 02:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, Item 4Corrective Action 02:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Corrective Action 05:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Corrective Action 05:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6	Plant Area:	Lower 700 Area,				
Facility Function:Laboratory - Research & DevelopmentCorrective Action 01:Target Completion Date:09/02/2008Tracking ID:2008-CTS- 012781, Item 3Corrective Action 02:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 4Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Corrective Action 05:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6	System/Building/Equipment:	A-014 Soil Vapor Extraction Pilot Scale Demo				
Corrective Action 01:Target Completion Date:09/02/2008Tracking ID:2008-CTS- 012781, Item 3Evaluate event for reportabilityCorrective Action 02:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, item 4Have the Site Utilities Department check the fuses on the power poleHave the Site Utilities Department check the fuses on the power poleCorrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Reevaluate Hazard Analysis Plan prior to restart of work at the demonstration site. Review/revise all active field demonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Evaluate methods for providing better identification of above ground lines and utilities for portable equipment deploymentsdemonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 05:Target Completion Tracking ID:2008-CTS- 012781, item 5	Facility Function:	Laboratory - Research & Development				
Evaluate event for reportabilityCorrective Action 02:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, item 4Have the Site Utilities Department check the fuses on the power poleHave the Site Utilities Department check the fuses on the power poleCorrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Reevaluate Hazard Analysis Plan prior to restart of work at the demonstration site. Review/revise all active field demonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Evaluate methods for providing better identification of above ground lines and utilities for portable equipment deploymentsdemonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 05:Target Completion Target CompletionTracking ID:2008-CTS- 012781, item 6	Corrective Action 01:	Target Completion Date:09/02/2008	Tracking ID: 2008-CTS-012781, Item 3			
Corrective Action 02:Target Completion Date:09/03/2008Tracking ID:2008-CTS- 012781, item 4Have the Site Utilities Department check the fuses on the power poleHave the Site Utilities Department check the fuses on the 		Evaluate event for reportabilit	у			
Have the Site Utilities Department check the fuses on the power poleCorrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Reevaluate Hazard Analysis Plan prior to restart of work at the demonstration site. Review/revise all active field demonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Evaluate methods for providing better identification of above ground lines and utilities for portable equipment deploymentsdemonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 05:Target Completion Target CompletionTracking ID:2008-CTS- 012781, item 6	Corrective Action 02:	Target Completion Date:09/03/2008	Tracking ID: 2008-CTS-012781, item 4			
Corrective Action 03:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 5Reevaluate Hazard Analysis Plan prior to restart of work at the demonstration site. Review/revise all active field 		Have the Site Utilities Departi power pole	nent check the fuses on the			
Reevaluate Hazard Analysis Plan prior to restart of work at the demonstration site. Review/revise all active field demonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Evaluate methods for providing better identification of above ground lines and utilities for portable equipment deploymentsdemonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 05:Target CompletionTracking ID:2008-CTS- 012781, item 6	Corrective Action 03:	Target Completion Date:09/15/2008	Tracking ID: 2008-CTS-012781, item 5			
Corrective Action 04:Target Completion Date:09/15/2008Tracking ID:2008-CTS- 012781, item 6Evaluate methods for providing better identification of above ground lines and utilities for portable equipment 		Reevaluate Hazard Analysis Plan prior to restart of work at the demonstration site. Review/revise all active field demonstration Hazard Analysis Plans, as needed, to cover the unidentified hazard				
Evaluate methods for providing better identification of above ground lines and utilities for portable equipment deploymentsdemonstration Hazard Analysis Plans, as needed, to cover the unidentified hazardCorrective Action 05:Target CompletionTracking ID:2008-CTS-	Corrective Action 04:	Target Completion Date:09/15/2008	Tracking ID: 2008-CTS-012781, item 6			
Corrective Action 05: Target Completion Tracking ID:2008-CTS-		Evaluate methods for providing better identification of above ground lines and utilities for portable equipment deploymentsdemonstration Hazard Analysis Plans, as needed, to cover the unidentified hazard				
	Corrective Action 05:	Target Completion	Tracking ID:2008-CTS-			

	Date:0	9/15/2008	012781, item 7			
	Evaluate mowing versus weed eating for all demonstration and sampling sites; include pre-job briefings for these activities.					
Corrective Action 06:	Target Date:0	t Completion 99/19/2008	Tracking ID: 20 012781, item 8	08-CTS-		
	Repair damaged power cable (Qualified Electrical Worker)					
Corrective Action 07:	Target Date:0	t Completion 09/15/2008	Tracking ID: 20 012781, item 9	08-CTS-		
	Inspect starting	SVE equipment for po the system	tential damage pr	rior to re-		
Corrective Action 08:	Target Date:0	t Completion 09/19/2008	Tracking ID: 200 012781, item 10)8-CTS-		
	Provide lessons learned briefing to ES&BT personal					
Lessons(s) Learned:	A lessons learned briefing will be provided to all ES&BT field personnel focusing on the identification of hazards and mitigations related to changing conditions associated with field activities, especially over significant time periods					
HQ Keywords:	01NInadequate Conduct of Operations - Inadequate Job Planning (Other) 07DElectrical Systems - Electrical Wiring 08FOSHA Reportable/Industrial Hygiene - Industrial Operations Issues 08HOSHA Reportable/Industrial Hygiene - Safety Noncompliance 08JOSHA Reportable/Industrial Hygiene - Near Miss (Electrical) 12CEH Categories - Electrical Safety					
HQ Summary:	While mowing the grass in the lower 700 Area, an SRNL Environmental Science and Biotechnology technician cut a 480-volt, 3-phase power cord for the A-014 Soil Vapor Extraction pilot scale demonstration. There were no injuries as a result of the event. The power source was de- energized and all mowing by SRNL personnel was suspended.					
Similar OR Report Number:	1. EM-	SRWSRC-FSSBU-20	008-0003			
Facility Manager:	Name	Flake, Mark D.				
	Phone	(803) 725-5816				

	Title Research Operations Support Manager				
Originator:	NameDERMODY, RICHARD JPhone(803) 725-3113TitleLEAD ADMIN. SPECIALIST-A				
HQ OC Notification:	DateTimeNANA	Person Notif NA	fied Organization NA		
Other Notifications:	Date	Time	Person Notified	Organization	
	09/02/2008	10:45 (ETZ)	Rober Moore	SRNL	
	09/02/2008	10:45 (ETZ)	Deb Moore- Shedrow	SRNL	
	09/02/2008	10:45 (ETZ)	Ray Battles	Safety	
	09/02/2008	12:30 (ETZ)	Mark Flake	SRNL	
	09/02/2008	12:30 (ETZ)	Fredrick Roemer	DOE-FR	
	09/02/2008	12:30 (ETZ)	William Tadlock	SRNL	
	09/02/2008	12:40 (ETZ)	Brian Tripp	SRNL	
	09/02/2008	13:45 (ETZ)	Weimortz, R.	SRSOC	
Authorized Classifier(AC):	Craig Baptiste Date: 09/04/2008				

3)Report Number:	NALASO-LANL-HEMACHPRES-2008-0002 After 2003 Redesign							
Secretarial Office:	National Nuclear Sec	National Nuclear Security Administration						
Lab/Site/Org:	Los Alamos National	Laboratory						
Facility Name:	HE Machining/Pressi	ng Facils						
Subject/Title:	Non-energized Electrical Line Cut During Excavation Project							
Date/Time Discovered:	09/10/2008 15:00 (MTZ)							
Date/Time Categorized:	09/11/2008 10:00 (MTZ)							
Report Type:	Notification							
Report Dates:	Notification	Notification 09/15/2008 18:53 (ETZ)						
	Initial Update							

	Latest Update		
	Final		
Significance Category:	3		
Reporting Criteria:	2C(2) - Failure to follow a prescribed hazardous energy control process (e.g., lockout/tagout) or a site condition that results in the unexpected discovery of an uncontrolled hazardous energy source (e.g., live electrical power circuit, steam line, pressurized gas). This criterion does not include discoveries made by zero-energy checks and other precautionary investigations made before work is authorized to begin.		
Cause Codes:			
ISM:			
Subcontractor Involved:	Yes KSL Services		
Occurrence Description:	Management Synopsi 2008 an electrical line in the TA-16-0969 pa feeds the lights in the photocell system. Bec electrical line is only conditions. The event the electrical line was locked or tagged out. safety health or the er Background: The KSI under an approved ex performed during the what was believe to b marked per KSL proc Requirements- Permit Program." KSL utility the around the identif actually the grounding protection system. Th activities and struck t	s: At 1500 hours was cut during d rking lot by KSL parking lot, whic cause of the photo energized at night occurred during not energized, ho There was no import invironment as a real L utility workers cavation permit. If excavation permit e the electrical lift edure 70-10-003, t Process Require workers appropri ied line and disco g cable for the bur ey proceeded wit he electrical line.	on September 10, Irainage excavation . The electrical line h are on a ocell system, the t or in low light daylight hours and owever, it was not pact to worker esult of this event. were working Utility locates were itting phase and ne was located and "KSL Excavation ments and Safety riately pot holed overed it was ildings lightning h excavation
Cause Description:			
Operating Conditions:	Normal		
Activity Category:	Construction		
Immediate Action(s):	1) Work was immedia made.	ately stopped and	notifications were

	2) The electrical line was placed in a safe configuration through lock out/tag out		
FM Evaluation.	through lock out/tag out.		
DOE Escility Depresentative			
Input:			
DOE Program Manager Input:			
Further Evaluation is Required:	Yes. Before Further Operation? No By Whom: ESH-IO and WFO By When: 10/24/2008		
Division or Project:	WFO/ drainage excavation project		
Plant Area:	TA16		
System/Building/Equipment:	TA-16-0969 parking lot		
Facility Function:	Explosive		
Corrective Action:			
Lessons(s) Learned:			
HQ Keywords:	01MInadequate Conduct of Operations - Inadequate Job Planning (Electrical) 07DElectrical Systems - Electrical Wiring 08FOSHA Reportable/Industrial Hygiene - Industrial Operations Issues 11GOther - Subcontractor 12CEH Categories - Electrical Safety 14EQuality Assurance - Work Process Deficiency		
HQ Summary:	On September 10, 2008, an electrical line was cut during drainage excavation in the TA-16-0969 parking lot by KSL. The event occurred during daylight hours and the electrical line was not energized, however, it was not locked or tagged out. There was no impact to worker safety health or the environment as a result of this event.		
Similar OR Report Number:			
Facility Manager:	NameRobert MasonPhone(505) 667-4246TitleWFO Facility Operations Director		
Originator:	NameHAKONSON-HAYES, AUDREY CPhone(505) 667-9364TitleOCCURRENCE INVESTIGATOR		
HQ OC Notification:	DateTimePerson NotifiedOrganizationNANANANA		

Other Notifications:	Date	Time	Person Noti	fied Organization
	09/11/2008	08:00 (MTZ)	Dave Stew	art NNSA
	09/11/2008	08:00 (MTZ)	Joe Richard	son PAAA
Authorized Classifier(AC):	Mark Hunsir	nger Date: (09/15/2008	
4)Report Number:	NE-IDBEA	A-FCF-2008-0	003 After 20	03 Redesign
Secretarial Office:	Nuclear Ener	rgy, Science a	nd Technolog	gy
Lab/Site/Org:	Idaho Nation	al Laboratory		
Facility Name:	Fuel Conditi	oning Facility		
Subject/Title:	Broken Fuse Operator	Holder Resul	ts in Electric	al Shock to
Date/Time Discovered:	09/30/2008 1	5:24 (MTZ)		
Date/Time Categorized:	09/30/2008 1	6:28 (MTZ)		
Report Type:	Update			
Report Dates:	Notification	10	/01/2008	16:41 (ETZ)
	Initial Upda	te 10	/02/2008	11:41 (ETZ)
	Latest Update 10		/02/2008	11:41 (ETZ)
	Final			
Significance Category:	2			
Reporting Criteria:	2C(1) - Failure to follow a prescribed hazardous energy control process (e.g., lockout/tagout) or disturbance of a previously unknown or mislocated hazardous energy source (e.g., live electrical power circuit, steam line, pressurized gas) resulting in a person contacting (burn, shock, etc.) hazardous energy.			
Cause Codes:				
ISM:				
Subcontractor Involved:	No			
Occurrence Description:	At 1524 on September 30, 2008 a Fuel Conditioning Facility process operator received a shock from a damaged manipulator control box grip tong fuse. The grip tong fuse receptacle is located in close proximity to the power button used by the technician to energize the grip tong. The fuse for this application has an integral fuse status indicator light that is normally enclosed in a plastic protective cover. At some undetermined time the protective cover had broken off and the metal end of the fuse holder was exposed (live) within the recessed fuse receptacle. The little finger of the operators right hand			

	inadvertently contacted unexpected live electrical energy (120 vac) in the recessed fuse receptacle while he was energizing the grip tong. The shock did not result in injury to the operator.		
Cause Description:			
Operating Conditions:	Facility Operating Mode		
Activity Category:	Normal Operations (other than Activities specifically listed in this Category)		
Immediate Action(s):	Work was immediately stopped, power removed from the unit, and the area roped off around the control box. The affected employee was escorted to the dispensary and released after a physical exam and EKG (A follow up exam and EKG was performed at 0800 on 10/01/08 and the employee was released with a clean bill of health). BEA management and the DOE Facility Representative were notified. An extent of conditions of all other Central Research Laboratories manipulator control boxes at FCF was performed and no other control boxes were identified with fuse problems.		
FM Evaluation:	To be determined.		
DOE Facility Representative Input:			
DOE Program Manager Input:			
Further Evaluation is Required:	Yes. Before Further Operation? No By Whom: Facility Manager By When:		
Division or Project:	Nuclear Operations		
Plant Area:	Main operating floor		
System/Building/Equipment:	765		
Facility Function:	Uranium Conversion/Processing and Handling		
Corrective Action:			
Lessons(s) Learned:			
HQ Keywords:	07EElectrical Systems - Electrical Equipment Failure 08AOSHA Reportable/Industrial Hygiene - Electrical Shock 12CEH Categories - Electrical Safety 14EQuality Assurance - Work Process Deficiency		
HQ Summary:	On September 30, 2008, a Fuel Conditioning Facility process operator received a shock from a damaged manipulator control box grip tong fuse. The fuse has an integral fuse status indicator light that is normally		

enclosed in a plastic protective cover. At some undetermined time the protective cover had broken off and the metal end of the fuse holder was exposed within the recessed fuse receptacle. Work was immediately stopped, power removed from the unit, and the area roped off around the control box. The affected employee was given a physical examination and released with no injuries diagnosed.

Similar OR Report Number:					
Facility Manager:	Name	PAP	PAPAIOANNOU, ERIC W		
	Phone	(208) 533-7868		
	Title	FUE MAI	FUEL CONDITIONING FACILITY MANAGER		
Originator:	Name	PAP	AIOANNOU,	ERIC W	
	Phone (208) 533-7868				
	Title	Title FUEL CONDITIONING FACILITY MANAGER			
HQ OC Notification:	Date Time Person Notified Organization				
	NA	NA	NA	NA	
Other Notifications:	Da	te	Time	Person Notified	Organization
	09/30/	2008	15:24 (MTZ)	R. S. Cain	HCS
	09/30/	2008	15:25 (MTZ)	S. E. Ferrara	DOE
Authorized Classifier(AC):	J. L. G	arner	Date: 10/01	/2008	

5)Report Number:	SCPNSO-PNNL-PN Redesign	NLBOPER-2008	<u>8-0019</u> After 2003
Secretarial Office:	Science		
Lab/Site/Org:	Pacific Northwest Na	tional Laboratory	
Facility Name:	Energy Research Prog	grams (PNNL)	
Subject/Title:	Subcontractor Work (Control Issue	
Date/Time Discovered:	09/11/2008 11:55 (PTZ)		
Date/Time Categorized:	09/11/2008 13:30 (PTZ)		
Report Type:	Notification		
Report Dates:	Notification	09/15/2008	15:50 (ETZ)
	Initial Update		
	Latest Update		
	Final		

Significance Category:	3
Reporting Criteria:	10(2) - An event, condition, or series of events that does not meet any of the other reporting criteria, but is determined by the Facility Manager or line management to be of safety significance or of concern to other facilities or activities in the DOE complex. One of the four significance categories should be assigned to the occurrence, based on an evaluation of the potential risks and the corrective actions taken. (1 of 4 criteria - This is a SC 3 occurrence)
Cause Codes:	
ISM:	4) Perform Work Within Controls5) Provide Feedback and Continuous Improvement
Subcontractor Involved:	Yes Master Electric, Inc.
Occurrence Description:	On September 11, 2008 an electrical sub-contractor employee entered the Horn Rapids Triangle (HRT) construction site to perform a repair on a subcontractor's field office trailer without addressing all of the PNNL requirements for performing electrical work. The requested repair consisted of replacement of the trailer panelboard (120/240V) and the subcontractor commenced work prior to having required approval and authorization. The subcontractor action to work on electrical equipment without addressing all of the PNNL electrical safety requirements represents a management concern. There was no electrical shock, personnel injuries, or hazardous energy left uncontrolled.
Cause Description:	
Operating Conditions:	N/A
Activity Category:	Construction
Immediate Action(s):	Work was immediately stopped upon discovery. The work area was secured and a Controlling Organization's lock and tag was placed on the trailer electrical service disconnect. The incident was discussed with the responsible General Contractor and a critique was held Monday, September 15, 2008.
FM Evaluation:	
DOE Facility Representative Input:	
DOE Program Manager Input:	

Further Evaluation is Required:	Yes. Before Further Operation? No By Whom: By When:		
Division or Project:	Operational Systems / Facilities & Operations		
Plant Area:	PNNL Site		
System/Building/Equipment:	PSF Construction Site		
Facility Function:	Laboratory - Research & Development		
Corrective Action:			
Lessons(s) Learned:			
HQ Keywords:	01AInadequate Conduct of Operations - Inadequate Conduct of Operations (miscellaneous) 01FInadequate Conduct of Operations - Training Deficiency 01KInadequate Conduct of Operations - Lockout/Tagout Noncompliance (Electrical) 01MInadequate Conduct of Operations - Inadequate Job Planning (Electrical) 01PInadequate Conduct of Operations - Inadequate Oral Communication 01RInadequate Conduct of Operations - Management issues 11GOther - Subcontractor 12CEH Categories - Electrical Safety 13EManagement Concerns - Facility Call Sheet 14BQuality Assurance - Training and Qualification Deficiency 14EQuality Assurance - Work Process Deficiency 14GQuality Assurance - Procurement Deficiency		
HQ Summary:	On September 11, 2008 an electrical sub-contractor employee entered the Horn Rapids Triangle (HRT) construction site to perform a repair on a subcontractor's field office trailer without addressing all of the PNNL requirements for performing electrical work. The requested repair consisted of replacement of the trailer panelboard (120/240V) and the subcontractor commenced work prior to having required approval and authorization. The subcontractor action to work on electrical equipment without addressing all of the PNNL electrical safety requirements represents a management concern.		
Similar OR Report Number:			
Facility Manager:	NamePittman, J. P.Phone(509) 371-7056		

	Title Project Manager, Physical Sciences Facility Constr		
Originator:	Name POLLARI, ROGER A		
	Phone (509) 371-7700 Title		
HQ OC Notification:	Data Time Person Notified Organization		
	NA NA	A NA	
Other Notifications:	Date Time	Person Notified	d Organization
	09/11/2008 13:42 (P	TZ) Higgins, R. L.	PNSO
Authorized Classifier(AC):	Pollari, R. A. Date	: 09/15/2008	
6)Report Number:	SCTJSO-JSA-TJNA	AF-2008-0004 After	2003 Redesign
Secretarial Office:	Science		
Lab/Site/Org:	Thomas Jefferson Na	tional Accelerator S	ite
Facility Name:	Thomas Jefferson Nat'l Accelerator		
Subject/Title:	Unexpected discovery of hazardous energy while conducting diagnostics		
Date/Time Discovered:	09/08/2008 12:00 (ETZ)		
Date/Time Categorized:	09/12/2008 17:00 (ETZ)		
Report Type:	Notification		
Report Dates:	Notification	09/18/2008	09:54 (ETZ)
	Initial Update		
	Latest Update		
	Final		
Significance Category:	3		
Reporting Criteria:	2C(2) - Failure to follow a prescribed hazardous energy control process (e.g., lockout/tagout) or a site condition that results in the unexpected discovery of an uncontrolled hazardous energy source (e.g., live electrical power circuit, steam line, pressurized gas). This criterion does not include discoveries made by zero-energy checks and other precautionary investigations made before work is authorized to begin.		
Cause Codes:	A4B2C08 - Management Problem; Resource Management LTA; Means not provided for assuring adequate equipment quality, reliability, or operability A2B3C03 - Equipment/ material problem; Inspection/		

	testing LTA; Post-maintenance/Post-modification testing LTA	
ISM:	5) Provide Feedback and Continuous Improvement	
Subcontractor Involved:	No	
ISM: Subcontractor Involved: Occurrence Description:	 5) Provide Feedback and Continuous Improvement No While performing a diagnostics check of a Magnet Power Supply, an AED International VC-4000 was being used to power up a section of a power supply. The work was being done under Chapter 6230 of the ESH&Q Manual, specifically Class 2, Mode 2 (non-manipulative work on energized equipment using two qualified personnel, appropriate PPE and an approved Work Control Document). The voltage converter was being used so that the 480 volt house/normal power to the power supply could be locked out. The 110 volt source coming from the voltage converter was being used to back-feed the low voltage circuits of a power supply. The intent of the maintenance task was to take various resistance measurements on the power supply while the voltage converter was being cycled in the off position. The individual performing the measurements encountered a spark during the course of their work and then contacted their supervisor and ESH&Q. Below is a detailed series of events: 1) Technicians 1 and 2 removed power from a magnet power supply (LT&T) 2) Technicians 1 and 2 connected the VC-4000 to the control power source to execute the diagnostic work plan 4) Technicians 1 and 2 ensured the VC-4000 power switch was in the off position 5) Troubleshooting began; various measurements were made while performing diagnostics, both with control power on and with control power off. 6) Technicians 1 and 2 saw a spark - Technician 2 noted that the LED was not lit and the on / off switch was in the off position 	
	 8) Technician 2 unplugged unit and took back to building 87 9) Technician 2 tagged item "Do Not Use" 	
	10)Technician 2 informed the supervisor of the event	
	11)Technician 2 reviewed a similar piece of equipment	
	with another section of the Lab - the other item appeared satisfactory. A similar voltage check was conducted and 0	

	volts was found. 12)Technician 1 checked manuf specs for cords but couldn't determine cord configuration from website pictures 13)Technician 2 removed cover - saw that hot leads were bypassing switch 14)Technician 2 and ESHQ SME sent email / lessons learned to alert others Even though the worker had turned off the voltage converter before taking any resistance measurements, they still encountered a voltage presence within the power
	supply. After a short investigation it was determined that the attachment cord to the voltage converter was incorrectly connected at the back of the VC-4000. The hot and neutral terminals were reversed and therefore the neutral wire was going through the on/off switch at the front of the converter and the hot wire was not being switched and therefore led a path for 110 volts to be present at the output of the converter even when it was switched off.
	This event was originally presented to JLab as a lesson learned (JLab COE #237), however upon further investigation it was classified as a reportable event.
Cause Description:	1-Root Cause a. Lack of overall equipment management program for calibration, maintenance and configuration changes b. Lack of Organizational database / knowledge if attachment cord was assembled and connected by a qualified electrical professional c. Improperly wired attachment cord
Operating Conditions:	Does not apply
Activity Category:	Facility/System/Equipment Testing
Immediate Action(s):	 1- Technician 2 unplugged unit and took back to building 87 2- Technician 2 tagged item "Do Not Use" 3- Technician 2 reviewed a similar piece of equipment with another section of the Lab - the other item appeared satisfactory. A similar voltage check was conducted and 0 volts was found.
FM Evaluation:	
DOE Facility Representative Input:	
DOE Program Manager	

Input:			
Further Evaluation is Required:	No		
Division or Project:	Jefferson Science Associates, L	LC	
Plant Area:	Bldg 87		
System/Building/Equipment:	87		
Facility Function:	Accelerators		
Corrective Action 01:	Target Completion Date:10/01/2008Actual Completion Date:		
	JLab CATS items NE-2008-09 - Isolate, tag out and verify safe connections on all equipment with attachment cords similar to the unit in question; combine this with a staff wide email on safety as relates to this event		
Corrective Action 02:	Target CompletionADate:10/01/2008Date	ctual Completion ate:09/16/2008	
	JLab CATS items NE-2008-09 - Group training to understand the source of the unexpected, uncontrolled hazardous energy, as well as the associated work planning documents and the LOTO requirements.		
Corrective Action 03:	Target CompletionActual CompletionDate:11/01/2008Date:		
	JLab CATS items NE-2008-09 - Revision of work planning document used for this particular task, to include use of the lowest possible energy state and how to obtain that state.		
Corrective Action 04:	Target Completion Date:03/31/2009	Actual Completion Date:	
	JLab CATS items NE-2008-09 - Evaluate Jefferson Lab need for equipment configuration control program, i.e., Gage Calibration & Tracking. Use this program to conduct periodic safety checks and records of maintenance.		
Corrective Action 05:	Target Completion Date:03/31/2009	Actual Completion Date:	
	JLab CATS items NE-2008-09 documentation requirements for Use this program to establish an Credit Card Services a policy for be purchased on a credit card.	- Evaluate Jefferson Lab credit card purchases. d coordinate with BOA r items that can or cannot	
Lessons(s) Learned:	1- JLab COE input number 237 Improper Wiring of an		

	 attachment cord a. Make the cord attachment plug a more permanent connection. b. Redo the grounding connections so that the ground is connected to the main box and a ground jumper to the voltage converter cover plate. c. Recheck all internal wiring and connections within the VC-4000. Energize the voltage converter and check its operational status with switch on/off. d. Revisit the procedures used for this type of maintenance task.
	 2- Equipment Control within JLab should be formalized. This would include a. Purchase specs & receipt docs, regardless of purchase method (credit card or PR) b. Unique identifiers for each piece of equipment c. Location and contact info d. Calibration schedule and associated data e. Maintenance records, or configuration control if applicable Note - if a lab-wide program is not feasible, a scaled down version should be implemented, with prioritized equipment entered first
HQ Keywords:	01AInadequate Conduct of Operations - Inadequate Conduct of Operations (miscellaneous) 01BInadequate Conduct of Operations - Loss of Configuration Management/Control 01FInadequate Conduct of Operations - Training Deficiency 01GInadequate Conduct of Operations - Inadequate Procedure 01OInadequate Conduct of Operations - Inadequate Maintenance 01SInadequate Conduct of Operations - Inadequate Maintenance 01SInadequate Conduct of Operations - Incorrect/Inadequate Installation 07DElectrical Systems - Electrical Wiring 11HOther - Procurement Deficiency/Defective Items 12CEH Categories - Electrical Safety 14AQuality Assurance - Program Deficiency 14BQuality Assurance - Training and Qualification Deficiency 14DQuality Assurance - Documents and Records Deficiency 14EQuality Assurance - Work Process Deficiency 14GQuality Assurance - Procurement Deficiency

HQ Summary:	While performing a diagnostics check of a Magnet Power Supply, an AED International VC-4000 was being used to power up a section of a power supply. The individual performing the measurements encountered a spark during the course of their work and then contacted their supervisor and safety. After a short investigation it was determined that the attachment cord to the voltage converter was incorrectly connected at the back of the VC-4000.
Similar OR Report Number:	
Facility Manager:	NameSMITH, STEPHEN JAYPhone(757) 269-7007TitleLEAD QUALITY AND SAFETY ENGINEER
Originator:	NameSMITH, STEPHEN JAYPhone(757) 269-7007TitleLEAD QUALITY AND SAFETY ENGINEER
HQ OC Notification:	DateTimePerson NotifiedOrganizationNANANANA
Other Notifications:	DateTimePerson NotifiedOrganization09/08/200812:00 (ETZ)Steve NeilsonTJSO
Authorized Classifier(AC):	Stephen Smith Date: 09/16/2008

| <u>ORPS HOME</u> | <u>Search & Reports</u> | <u>Authorities</u> | <u>Help</u> | <u>Security/Privacy Notice</u> | Please send comments or questions to <u>orpssupport@hq.doe.gov</u> or call the Helpline at (800) 473-4375. Hours: 7:30 a.m. - 5:00 p.m., Mon - Fri (ETZ). Please include <u>detailed information</u> when reporting problems.