

State Change History

Initiate by THOMAS, STU	AR Pre-Screen 4/9/2004 11:16:22 AM Owner (None)	Submit to Screening Team by STALZER, CHARLES	AR Screening Que 4/9/2004 1:23:05 PM Owner PBNP CAP Admin
----------------------------	---	---	---

EX5

Section 1

Activity Request Id: CAP055527  
 Activity Type: CAP Submit Date: 4/9/2004 11:16:22 AM

One Line Description: U1R28 Nozzle Dam Installation Supplied Breathing Air Problems

Detailed Description: 4/9/2004 11:16:22 AM - THOMAS, STU: During installation of U1 Nozzle dams on A and B S/G the following Breathing Air problems were encountered:

1. On the initial jump to B C/L S/G bowl the Scientech jumper experienced a loss of air. The individual exited the bowl and was immediately cut out of the bubble hood as expected. The individual showed no signs of distress. The job was stopped until we could ascertain the cause of the loss of air. OCC was informed that we would not restart the job until we found the cause. Based on reports from the RP techs and the individual we determined the cause to be insufficient air pressure and a pinched hose. I then authorized the job to restart.
2. An air line connection to the bubble hood became disconnected as a jumper was preparing to jump. The connection was remade up and again we stopped to determine why. The fitting was repeatedly challenged and then securely taped and then repeatedly challenged. This was repeated with all personnel in bubble hoods. The individual then jumped the bowl and completed the task.
3. It was later determined that an individual on the A side pinched their air hose under the temporary platform and cut the hose. They were not in the S/G. The personnel on the platform switched the hose to an undamaged hose.

4/11/2004 3:06:48 PM - THOMAS, STU:  
 Additional information was received by me during a debrief at approximately 0300, 4/10/2004:  
 #2 above: The individual was inside B S/G Cold leg when the air line became disconnected, the RPT was unable to reconnect the fitting and they did cut this individual out of the bubble hood.  
 #3 above: The air line was partially cut by being pinched by the strong back. The hose was not leaking any air and the jumper never lost air to the bubble hood. Because the hose showed damage, the RP tech removed that hose and plugged the jumper into another hose.  
 #4. An additional instance of an airline problem was relayed to me: A jumper's airline on A S/G became disconnected as the worker tried to enter the manway. The RP tech saw the connection hit the manway and disconnect. RP immediately reconnected the airline and reconfigured it so it would not come in contact with the manway.

I am also attaching a statement made by Mark Peroutka, RP First Line Supervisor.

Initiator:	THOMAS, STU	Initiator Department:	PR Radiation Protection PB
Date/Time of Discovery:	4/9/2004 10:47:25 AM	Date/Time of Occurrence:	4/9/2004 10:47:25 AM
Identified By:	Site-Identified	System:	RC PB
Equipment # (1st):	(None)	Equipment Type (1st):	(None)
Equipment # (2nd):	(None)	Equipment Type (2nd):	(None)
Equipment # (3rd):	(None)	Equipment Type (3rd):	(None)
Site/Unit:	Point Beach - Unit 1		
Why did this occur?:	4/9/2004 11:16:22 AM - THOMAS, STU: Three unique failures due to equipment, worker practices and oversight.		
Immediate Action Taken:	4/9/2004 1:23:05 PM - STALZER, CHARLES: None indicated by the author.		
Recommendations:	4/9/2004 11:16:22 AM - THOMAS, STU: Perform an ACE on these events.		

Notify Me During Eval?: N SRO Review Required?: N

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 5  
 FOW/PA-2004-0282

Section 2

L-12

Basis for Operability: 4/9/2004 1:23:05 PM - STALZER, CHARLES:  
The CAP is documenting challenges experienced in nozzle dam installation and does not question plant equipment operability.

⊗ Unplanned TSAC Entry: N      ⊗ External Notification: N

☐ Section 3

Screened?: Y      ⊗ Significance Level: A  
INPO OE Req'd?: N      Potential MRFF?: N  
⊗ QA/Nuclear Oversight?: N      ⊗ Licensing Review?: N  
Good Catch/Well Doc'd?: NA

☐ Section 4

Inappropriate Action:  
Process: (None)      Activity: (None)  
Human Error Type: (None)      Human Perf Fail Mode: (None)  
Equip Failure Mode: (None)      Process Fail Mode: (None)  
Org/Mgt Failure Mode: (None)      ⊗ Group Causing Prob: (None)  
Hot Buttons: (None)

☐ Notes/Comments

Update to CAP 055527 by SHANNON, DAN (4/12/2004 1:57:53 AM) 

The following update to CAP 055527 is provided based on followup discussions on 4/12/04 with the RPT who was present on the 1A S/G platform providing coverage for the 1A S/G nozzle dam installation on 4/9/04. These updates change the information provided in this CAP, the first update, and the attachment.

#3 - Jumper on 1A S/G airline disconnected as worker tried to enter the S/G manway. RP tech saw the connection hit the manway and disconnect. The jumper was only halfway into the S/G bowl but was pulled back and then the RPT immediately reconnected the airline and reconfigured it so it would not come in contact with the manway.

#4 - Jumper on 1A S/G damaged his airline when it became partially cut from being pinched by the strongback. Hose was leaking air, however, it was taped to control potential spread of contamination. The jumper was asked by the RPT if his air was OK and he replied it was OK several times. After this jump, the damaged hose was only used on the platform with an extra emergency hose on standby. As additional jumps were made, the hoses were switched between the jumper making the jump and those remaining on the platform.

☐ Attachments and Parent/Child Links

Mark Peroutka air line memo.doc (20992 bytes) by THOMAS, STU (4/11/2004 3:05:36 PM) 

 Principal to RCE000253: U1R28 Nozzle Dam Installation Supplied Breathing Air Problems by PFAFF, SCOTT (4/12/2004 10:39:33 AM) 

☐ Change History

4/12/2004 10:37:50 AM by PFAFF, SCOTT  
Last Modified Date Changed From \*\*\*\*\* To \*\*\*\*\*  
System Changed From (None) To RC PB  
Screened? Changed From N To Y  
Last Modifier Changed From \*\*\*\*\* To \*\*\*\*\*  
Update Changed From \*\*\*\*\* To \*\*\*\*\*

4/12/2004 10:37:57 AM by PFAFF, SCOTT  
Last Modified Date Changed From \*\*\*\*\* To \*\*\*\*\*  
original\_project\_id Changed From \*\*\*\*\* To \*\*\*\*\*  
original\_issue\_id Changed From \*\*\*\*\* To \*\*\*\*\*

4/12/2004 10:39:33 AM by PFAFF, SCOTT  
Attachment Added: Principal to RCE000253: U1R28 Nozzle Dam Installation Supplied Breathing Air Problems  
Last Modified Date Changed From \*\*\*\*\* To \*\*\*\*\*

Mark Peroutka wrote the below statement and sent to Stu Thomas on 4/10/2004.

#### List of S/G Nozzle Dam Air Hose Problems

1. Jumper on B S/G says he lost air while in S/G Bowl installing nozzle dam. RP tech responded calmly and swiftly by having the worker exit S/G. RP tech immediately cut the top of the bubble hood off and sent the worker out of the area (My personnel observation and the RP Tech on the platform is that the worker was winded, he seemed worked up long before he went on the platform. When he came out of the S/G his bubble hood was not fog up or collapsed and his airline was still connected.) All work was stopped until the situation could be assessed, once RP management and technicians evaluated the situation and came to an agreement work resumed.
2. Jumper on B S/G airline disconnected while in the S/G, RP tech responded calmly and swiftly by having the worker exit S/G. The worker was immediately cut out of his bubble hood and left the area. All work was stopped until the situation could be assessed, once RP management and technicians evaluated the situation and came to an agreement work resumed. All connection on Jumpers were aggressively challenged and found to be SAT.
3. Jumper on A S/G airline disconnected as worker tried to enter S/G manway. RP tech saw the connection hit the manway and disconnect. RP immediately reconnected the airline and reconfigured it so it would not come in contact with the manway.
4. Jumper on A S/G damaged is airline when it became partially cut from being pinched by the strong back. Hose was not leaking any air and the jumper never lost any air to his bubble hood, however tech did switched the jumper to a different airline just to be safe.

[-] State Change History

RCE Initiate  
by PFAFF, SCOTT  
Assign Work  
4/12/2004 10:39:29 AM  
Owner RUSSELL, PATRICK

[-] Section 1

Activity Request Id: RCE000253  
Activity Type: Root Cause Evaluation Submit Date: 4/12/2004 10:39:29 AM  
Site/Unit: Point Beach - Unit 1  
One Line Description: U1R28 Nozzle Dam Installation Supplied Breathing Air Problems  
Activity Requested: Perform a Root Cause Evaluation of CAP in accordance with NMC RCE Manual. 30 DAY DUE DATE.

Per Manager's Meeting of 4-12-04, Pat Russell, is the sponsor. This RCE requires CARB review once completed. Contact RCE Coordinator (SJK Nikolai) to schedule this review.

CATPR: N Mode Change Restraint: (None)  
Initiator: THOMAS, STU Initiator Department: PR Radiation Protection PB  
Responsible Group Code: A Assessment PB Responsible Department: Assessment  
Activity Supervisor: RUSSELL, PATRICK Activity Performer: (None)

[-] Section 2

Priority: 2 Due Date: 5/12/2004  
Management Exception From PI?: N QA/Nuclear Oversight?: N  
Licensing Review?: N NRC Commitment?: N  
NRC Commitment Date: Significance Level: A

[-] Section 3

Activity Completed:  
Hot Buttons: (None)

[-] Section 4

QA Supervisor: (None) Licensing Supervisor: (None)  
Root Causes & Contributing Causes: 0 Proposed Corrective Actions, CA Focus: 0  
Compensatory or Interim Corrective Actions: 0 Previous Similar Events: 0  
Safety Sign., EOC, Maint. Rule Considerations: 0 Operating Experience: 0  
Effectiveness Review Plan: 0

[-] Attachments and Parent/Child Links

Subtask from CAP055527: U1R28 Nozzle Dam Installation Supplied Breathing Air Problems by PFAFF, SCOTT (4/12/2004 10:39:33 AM)

[-] Change History

4/12/2004 10:39:33 AM by PFAFF, SCOTT  
Last Modified Date Changed From \*\*\*\*\* To \*\*\*\*\*  
Attachment Added: Subtask from CAP055527: U1R28 Nozzle Dam Installation Supplied Breathing Air Problems