Lake, Louis

From: Lake, Louis
Sent: Thursday, December 10, 2009 2:39 PM
To: Thomas, George
Subject: Emailing: Response to NRC Request 23.pdf
Attachments: NCR 0035872410 text.docx; Response to NRC Request 23.pdf

Here is the latest response to Question #23 — 8 Pages

Lou

The message is ready to be sent with the following file or link attachments:

Response to NRC Request 23.pdf

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Response to NRC Request #23: When were observations of surface feature changes and water leakage noted below the construction opening?

Response: The below is the timeline of events as noted in the Outage Autolog system (relevant Autolog pages attached) :

10/1/2009	4:28:59 AM	Begin hydro-demolition
10/1/2009	1:15:08 PM	Hydro-demolition to first layer of rebar is complete, begin cutting rebar
10/2/2009	3:55:53 AM	Restart hydro-demolition
10/2/2009	5:15:30 AM	Stream of water identified exiting RB wall from below/to the right of the transfer opening. Hydro-demolition suspended.
10/2/2009	6:41:11 AM	Voiding identified in RB wall
10/7/2009	12:52:15 PM	2 ft x 4 ft loose concrete below the containment opening.

Date / Time	Entry	Name	Position
10/1/2009 3:45:33 AM	Outage Schedule Update Schedule Impact in Hours: 0 New Outage End Date: 12/11/09 2000 Comments:	DDEMONTFOR	SOM
10/1/2009 3:54:25 AM	TMOD 74421 for RCCR-3 is being installed will be complete 10/1 @ 0600 Engineering to change status to installed on day shift today.	bmarckese	EOM/EOC
10/1/2009 3:55:00 AM	Commenced Bleed of RCS to C RCBT IAW OP-301A.	MKENNARD	OOM/OOC
10/1/2009 3:57:46 AM	Reviewed the approved lifting paths for SGR 2250 crane with SGR (Larry McDougal). The plan does not permit lifts over the CI Tower part of the Intermediate building. The condition that was observed was an empty hook. Larry is following up with the crane operators to verify expectations with and wirhout loads.	DDEMONTFOR	SOM
10/1/2009 4:05:10 AM	AI-504, CP-341 Time requirements for establishing pressure retaining vs. non-pressure retaining capability differ in the current revisions of CP-341 and AI-504. AI-504 is more conservative, requiring pressure retaining capability within 2.5 hours. All open plans were reviewed and verified that pressure retaining capability can be established within the currently required 2.5 hrs (shut-down condition 4). NCR 358254 has been written. Review of shut-down condition 5 is in progress.	churst	6 - OWC
10/1/2009 4:11:04 AM	Update SW/RW clearance, IT identified that the source of the problem was an issue with one holder apparently accepting the same WOT twice in the database and even though they had released the clearance, the database was maintaining them, unseen, as holding. A holder lock was applied to the clearance, IT forced the lift checklist to "distributed" and it was authorized and sent to the field. Dayshift needs to follow-up with IT to get a "backdoor back up" done to resolve the issue so the clearance can be closed when appropriate.	MKENNARD	OOM/OOC
10/1/2009 4:11:48 AM	FAC engineer is needed at EPU station 145 Turbine Building A MSR to inspect as-found pipe that was removed by WO 1288186-28 Passing on to Greg Estep.	bmarckese	EOM/EOC
10/1/2009 4:18:05 AM	Summary of the delays for meeting the 09/0/09 10:00 PM schedule milestone for completing move in of equipment through the equipment hatch: - Failed to meet the 10:00 PM milestone for containment move in (the actual finish was 02:35 AM). The main factors for the delay are the addition for four lead shielding boxes and the loss of RCCR-2 for the entire shift. The loss of RCCR-2 accounts for about 2 hours of the loss; the lead storage boxes account for about 1.5 hours of the loss.	Rpontes	SGRC/SGR
10/1/2009 4:28:59 AM	Started hydro-demo of the RB transfer opening.	Rpontes	SGRC/SGR
10/1/2009 4:50:11 AM	EC74612 has been approved by the PGM.	Jholt	HIT
10/1/2009 4:55:32 AM	Maintenance has provided a list of 4 valves that have the air isolated to the controllers for valves that are required to be stroked by maintenance. Valve include: HDV-62 HDV-114 HD-4-FR HD-4A-FR	MKENNARD	OOM/OOC
10/1/2009 5:00:43 AM	Expected completion of RCCR-2 and RCCR-3 is 0600.	WBASNIGHT	MOM/MOC
10/1/2009 5:01:22 AM	LTOPS - Pressurizer level was raised greater than 140 inches for the RCS draindown per OP-301A. ITS 3.4.11.E was applicable. [0401]. Pressurizer level remains greater than 140 inches for the draindown and ITS 3.4.11.F is now applicable [0501]. The makeup control valve is closed and the RCS heatup is not in progress.	MKENNARD	OOM/OOC
10/1/2009 5:22:55 AM	Commenced Main Generator Rewind at 0100 on 10/01.	bbandauer	EPUC/EPU
10/1/2009 5:30:53 AM	Assumed SOM position. Focus areas are through RCS venting and draining and refueling activities. Mode 6 projected for 2300 tonight.	jdufner	SOM
10/1/2009 5:31:04 AM	Michael Floyd assumed the duties of EOC.	mfloyd	EOM/EOC
10/1/2009 5:44:44 AM	Katrina Scaglione assumed the duties of Emergent Work Coordinator	KScaglione	EWC
10/1/2009 5:45:22 AM	Wendie Kuhlman assumes the duties for Materials Management.	wkuhlman	M&CS
10/1/2009 5:57:00 AM	Rick Biddleman assumed the duties of the Work Control Outage Manager (WCOM).	Rbiddleman	WCOM/CPM
10/1/2009 5:57:16 AM	Ed McLeod assumed the duties of the EPU REP.	emcleod	EPUC/EPU
10/1/2009 5:58:55 AM	Rick Melton assumed the duties of Critical Path Manager	RMELTON	WCOM/CPM
10/1/2009 5:59:18 AM	Kenny Strupp is the SGR OCC Rep	Kstrupp	SGRC/SGR
10/1/2009 6:00:00 AM	Ted King is the MOC. Shift priorities are: 1. Repairs to RCCR-2 2. Finish load test on hoist on RCCR-3 3. T-power in RB 4. Remove OTSG manways 5. PM's on RCCR-1	TKING	MOM/MOC
10/1/2009 6:13:03 AM	Equipment Hatch Loads over Personnel/MSB Plan-Before lift, flagmen goes to MSB building, makes contact with personnel in buildings, has someone meet them on the other side of office insuring office is clear, makes face to face contact, flagman hangs sign on building door other person exits to MSB insuring no one enters office, hangs sign on outside of door, meets flagman back at original location, re-verifies room is clear, clears MSB, then blows horn to start lift.	smansfield	SAFE

Date / Time	Entry	Name	Position
10/1/2009 12:46:04 PM	Scaffold modifications are complete for EPU CO's on CDHE's 3A/B, Ops completing clearance hang activities, EPU (McLeod) informed.	Wdeagle	OOM/OOC
10/1/2009 1:05:37 PM	Three of the four stud tensioners are installed to enable de-tensioning the reactor vessel head. The center CRD vent is installed and the reactor coolant system is prepared to drain down. Operations has been given the go-ahead to begin draining the RCS to the 134' 6" elevation. The Head crew will begin de-tensioning based on 1) reaching 134' 6" or 2) Two hours after reaching 142' RCS level, whichever comes first.	bwunderly	SOM
10/1/2009 1:11:48 PM	Notified by Paul Ingersoll that the Isophase Bus Duct cooler has been removed from the turbine Building as of 123(	emcleod	EPUC/EPU
10/1/2009 1:15:08 PM	Hydro-demolition of the RB opening to the first layer of rebar complete, rebar is being cut	Kstrupp	SGRC/SGR
10/1/2009 1:20:13 PM	Held the 1300 shift status meeting. Set a target goal to be in Mode 6 by 1600. Draindown to 134' 6" is the only remaining activity. One PCE this shift. It was not worker practice related. Status of shift goals are: Restore RCCR-2 functionality - COMPLETE Hydro-demolition of the RB opening to the first layer of rebar - COMPLETE Complete removal of 50% of the RB opening rebar - ON TRACK Remove OTSG Manways - COMPLETE Commence Drain RCS to 134 6"for Head detension - COMPLETE Remove Wedges / RTD Wires - ON TRACK Remove fuel transfer tube blind flanges and FME inspection - ON TRACK Install stud tensioners - COMPLETE Remove the crosswalk - ON TRACK Install Shielded Work platform - ON TRACK	jdufner	SOM
10/1/2009 1:22:19 PM	All tendons in the containment opening area have been removed	Kstrupp	SGRC/SGR
10/1/2009 1:28:48 PM	(log entry recovered from R. Melton) Had breakout meeting concerning the remaining lifts needed to be performed with RCCR-1 prior to taking this crane out of service for PM's on the big hook. Agreement was reached that lift activities remain to be done requiring an estimated 6 hours to complete. Maintenance has been given a heads up that crane PM's will begin at 1930. We continue to try to trim time from this schedule. Lifts needed are: 1) Deep end flanges 30 min 2) Shielded work platform 2 hrs 3) 6 shim screws 1 hr 4) Install stud runner 30 min 5) Remove crosswalk 1 hr 6) Remove steps at the top of the head 30 min 7) Install equipment hatch stairs 30 min	RHarvey	WCOM/CPM
10/1/2009 1:46:00 PM	Shift Goal Complete: From the MCR Log, at 13:21, Commence draining RCS to 134.5' iaw OP-301A.	Wdeagle	OOM/OOC
10/1/2009 2:00:00 PM	Under vessel inspection was completed satisfactorily.	mfloyd	EOM/EOC
10/1/2009 2:00:46 PM	Deep end flanges are removed and completed.	RMELTON	WCOM/CPM
10/1/2009 2:08:00 PM	RCCR-3 turnover is complete. The RB coordinator has been notified.	TKING	MOM/MOC
10/1/2009 2:09:56 PM	Notified Larry Sexton that CDHE-3A/3B clearances are hung and work can commenc	emcleod	EPUC/EPU
10/1/2009 2:19:00 PM	Completed removal of the fuel transfer blind flanges. Shift goal complete.	TKING	MOM/MOC
10/1/2009 2:52:15 PM	RCS level is at 142'. Refueling Team (Kline) notified.	bwunderly	SOM
10/1/2009 2:53:56 PM	Contacted EPU Project Control Center for any issues. None noted.	emcleod	EPUC/EPU
10/1/2009 3:20:00 PM	Completed installation of the sheilded platform. Shift outage goal complete.	TKING	MOM/MOC
10/1/2009 3:21:10 PM	Shielded work platform and associated lead are installed.	RMELTON	WCOM/CPM
10/1/2009 3:30:56 PM	Received notification from refuel team (Vitt) that the first CRDM vent is open and the head is venting. Notification was made to OPS (Deagle).	RMELTON	WCOM/CPM
10/1/2009 3:43:16 PM	Notified by Larry Sexton that the clearances for CDHE 3A/3B are being walked down and work will start on night shi	emcleod	EPUC/EPU
10/1/2009 3:50:13 PM	Ops requested CRDM cooling secured to restore SW/RW, which is complete to the point of securing SW to the CRDMs to allow SW and RW fill/vent/start. This activity is being deferred for ~7 hrs. until APSRs are parked. Received CPM (Melton) and SOM (Dufner) concurrence.	Wdeagle	OOM/OOC
10/1/2009 3:54:42 PM	Notified from NIT (McPherson) that a laptop computer is now available in the RB, 119' level, near the elevator for CO Att. 13 worker sign and signoffs.	Wdeagle	OOM/OOC
10/1/2009 4:06:43 PM	RCS Level is at ~ 134' 6" on R329 and R330.	bwunderly	SOM
10/1/2009 4:09:34 PM	Shift Goal Complete: Reactor Water is at 134' 6". As the PZR slowly drains down to the Rx, drain adjustments will be performed to maintain level at 134' 6".	Wdeagle	OOM/OOC
10/1/2009 4:21:00 PM	Open containment penetrations have been reviewed for the upcoming mode change. Verified all personnel with closure responsibilities could be reached. Performed a spot check (dry run) on selected penetrations to ensure the estimated closure times could be met.	flawrence	16 OPS
10/1/2009 4:33:19 PM	The four circuit boards for RCCR-1 have been repaired and are currently on-site located in the Receiving Warehouse.	wkuhlman	M&CS
10/1/2009 4:36:10 PM	The electrolytic capacitors for RCCR-3 have arrived on-site and are located in the Receiving Warehouse.	wkuhlman	M&CS
10/1/2009 4:52:00 PM	Outage Schedule Update --- Schedule Impact in Hours: 0 New Outage End Date: 12/11/2009 2000 --- Comments:	Rbiddleman	WCOM/CPM
10/1/2009 4:52:54 PM	Discussed with K. Kline the need to leave the steps at the top of the head in place until head venting is complete. The decision has been made leave these steps in place until after the crane PM's are complete.	RMELTON	WCOM/CPM
10/1/2009 4:59:56 PM	Notified by Jim Craft that while performing 1418596-21 a fiber optic cable was found damaged. Cable has been ordered and will be he within 2 days. This is not expected to affect the schedule.	emcleod	EPUC/EPU
10/1/2009 5:00:42 PM	A review of the RCCR-1 lift list indicates approximately 3 hours remaining prior to the PM's on the crane.	RMELTON	WCOM/CPM
10/1/2009 5:02:17 PM	FHCR-4B repair update: following replacement of upender pump, it was determined that the coupling was worn and requires replacement. A new coupling is being obtained. Work is expected to recommence at approximately 1730 on 10/01/09.	mfloyd	EOM/EOC
10/1/2009 5:03:39 PM	Notifed by refuel team (Vitt) that CRDM vent mechanism's 2-9 are vented	RMELTON	WCOM/CPM
10/1/2009 5:05:57 PM	Notified by the OOM (McCallum) that refueling is ready to detension the first Rx Head stud. No restraints were reported by the OCC ar Mode 6 entry is progressing.	Wdeagle	OOM/OOC
10/1/2009 5:13:18 PM	Notified by operations personnel (J. Jernigan) that large amounts of white tape are being used in the RB. OCC operations representative ar RB Coordinator were notified.	eriffle	6 - OWC
10/1/2009 5:15:33 PM	Ron Pontes assumes responsibilities as OCC SGR representative.	Rpontes	SGRC/SGR

Date / Time	Entry	Name	Position
10/2/2009 2:55:46 AM	The SW system has been started including alignment of SW cooling to the reactor head service structure. The refueling team lead has been informed and indicated that no impact to the head area maintenance was experienced.	MKelly	16 OPS
10/2/2009 2:56:42 AM	The Refueling Team has completed the development of the RB 160-foot laydown plan needed to remove all materiel from the FTC. This plan was reviewed with the OCC and is being maintained by the Refueling Team, and will be executed by the Refueling Team working with the SGR RB Coordinator after RCCR-1 is returned to service.	RHarvey	WCOM/CPM
10/2/2009 3:05:00 AM	Notified Rx Head Maintenance Crew (F. Legette) that SW has been restored to the CRD.	cdew	OOM/OOC
10/2/2009 3:42:16 AM	Per T Williams, the expected completion date is 10/17 to enter activities into the schedule for Outage Foucs List Item of PSS testing.	bbandauer	EPUC/EPU
10/2/2009 3:55:53 AM	Restarted hydro-demolition of RB opening. (Shift Goal)	Rpontes	SGRC/SGR
10/2/2009 4:09:16 AM	Notified by Refueling Team that their T-Power (supplied from ACDP-161) does not have power. Operations is working to restore tl clearance and should have it restored by 0430.	RHarvey	WCOM/CPM
10/2/2009 4:18:25 AM	Shift Goal. Notified by MOM-M (Rick Pepin) that CDP-1B has been removed. This is a shift goal.	WBASNIGHT	MOM/MOC
10/2/2009 4:53:19 AM	commenced removal of Main Generator Stator coils/ braces/ brackets.	bbandauer	EPUC/EPU
10/2/2009 4:55:26 AM	Notified by the SGR SOM (AT Morrow) that hydro demolition of the RB transfer opening has been stopped. The discharge chute is clogge and water has spilled to the berm area. Notified the OCC SOM (D. Demontefort).	Rpontes	SGRC/SGR
10/2/2009 5:00:00 AM	Notified by Operations Chief's Desk that power has been restored to ACDP-161 (T-power for the Rx Head Maintenance Crev	cdew	OOM/OOC
10/2/2009 5:05:59 AM	Inspected the berm area in the vicinity of the equipment hatch. The area is generally flooded with approximately one inch of water from the hydro demo process. The SGR RP Supervisor (Tim Lawson) is at the scene and has evaluated the situation from a radiological controls situation. He has evaluated the situation and reports there is not a radiological controls concern. SGR RB Opening PM Pete Troeger reports that the obstruction has been cleared from the discharge chute.	Rpontes	SGRC/SGR
10/2/2009 5:15:30 AM	Notified by a SGR Field Engineer that another unexpected condition was noticed prior to stopping the hydro blasting operation. During tl operation there was a stream of water originating from the RB wall below and to the right of the transfer opening. I inspected the area identified as the source of the leak with the SGR SOM (AT Morrow). The decision has been made to suspend hydro blasting until the condition is evaluated by Design Engineering.	Rpontes	SGRC/SGR
10/2/2009 5:20:06 AM	Notified SGR Project manager (Jim Terry) and the OCC SOM (D. Demontefort) of the aforementioned problems identified with the R hydro blasting operation.	Rpontes	SGRC/SGR
10/2/2009 5:30:00 AM	Todd Petro assumed the duties of Critical Path Manager.	TPETRO	WCOM/CPM
10/2/2009 5:30:38 AM	Chris Yarashevich assumes the duties of Operations Outage Coordinator	cyarashevi	OOM/OOC
10/2/2009 5:35:34 AM	Assumed SOM position. Refueling activities are critical path. EPU (generator) is 13 hours off critical path and SGR (hydro demolition is 15 hours off critical path.	jdufner	SOM
10/2/2009 5:37:00 AM	Rick Biddleman assumed the duties of the Work Control Outage Manager (WCOM).	Rbiddleman	WCOM/CPM
10/2/2009 5:39:03 AM	Wendie Kuhlman assumed the duties for Materials Management.	wkuhlman	M&CS
10/2/2009 5:41:37 AM	Ed McLeod assumed the duties of the EPU REP.	emcleod	EPUC/EPU
10/2/2009 5:48:13 AM	Notified by Maintenance (Pepin) that the PMs on the Polar Crane are complete (PM-143 and PM-144). Controller installation continu	bwunderly	SOM
10/2/2009 5:50:35 AM	Sheilagh Garrity (Chemistry) reports that the following persons have been notified about the spill from the hydro demolition process: Brandon Barr, Environmental Specialist Brian Wood, Radwaste Supervisor Christine McKim, Ops STA	Rpontes	SGRC/SGR
10/2/2009 5:51:37 AM	Katrina Scaglione assumed the duties of Emergent Work Coordinator	KScaglione	EWC
10/2/2009 5:54:26 AM	Kent Smith has assumed the duties of EOC.	ksmith	EOM/EOC
10/2/2009 5:55:05 AM	Scott Crocker assumed the duties of MOC	scrocker	HIT
10/2/2009 5:56:25 AM	Mike Floyd has assumed the duties of EOM.	ksmith	EOM/EOC
10/2/2009 6:30:21 AM	Held the 0600 turnover meeting. Refueling activities are critical path. The follwoing goals are set for our shift: Remove RB transfer opening concrete to reveal the tendon sheaths Remove RB transfer opening horizontal tendon sheaths Install stud runners, runout and park on lunch boxes Uncouple and park APSRs Load stud racks, Clean stud holes, Install plugs Remove 50% of the Main Generator Stator Coils Hang Clearance on SW to CRD Restore RCCR-1 to Service with new signal receiver Remove CDP-1B Mag Coupling	jdufner	SOM
10/2/2009 6:36:22 AM	Ed McLeod assumed the duties of the EPU REP.	emcleod	EPUC/EPU
10/2/2009 6:36:55 AM	Kent Smith is the EOC.	ksmith	EOM/EOC
10/2/2009 6:37:10 AM	Mike Floyd is the EOM.	ksmith	EOM/EOC
10/2/2009 6:41:11 AM	An new issue was raised with the hydro demolition fo the RB concrete on potential voiding. This item has been added to the outage focus list	jdufner	SOM
10/2/2009 7:05:23 AM	Kenny Strupp is the SGR OCC Rep	Kstrupp	SGRC/SGR
10/2/2009 7:07:16 AM	The RB coordinators have been told that during there walk downs in the containment to look for the proper storage of PPE. Fall protection should be stored at the racks.	Kstrupp	SGRC/SGR
10/2/2009 7:13:57 AM	At the end of night shift an unexpected condition was noticed. A stream of water originating from the RB wall below and to the right of the transfer opening was identified. The SGR Project Control Center is working the issue.	Kstrupp	SGRC/SGR
10/2/2009 8:01:47 AM	Late Entry: First Aid- 0400-Suspected pulled muscle sustained while climbing scaffold and awkward body positioning during testing of penetration 425 in RB. Treatment included NSAIDs, Rest, Ice, Compression, Elevation (RICE).	smansfield	SAFE
10/2/2009 8:06:11 AM	Attended the EPU Projects Control Center 0730 meeting. There are no issues to report.	emcleod	EPUC/EPU
10/2/2009 8:12:10 AM	Received report that, during the establishment of the confined space entry conditions for FAC inspections on the "A" reheat line piping, the air supply blower was found denergized. when the confined space supervisor went into the field to investigate he found the blower had been re-energized. NCR 358572 initiated and safety rep notified.	scrocker	MOM/MOC
10/2/2009 8:25:08 AM	The SGR Project Control Center is in the process of creating an action plan to address the condition found on the RB structure during Hydro blasting. The Project Issue Lead is Magdy Bishara.	Kstrupp	SGRC/SGR
10/2/2009 8:30:22 AM	Received report that the installation of the Radio Controller on RCCR-1 will not be completed until 1200.	scrocker	MOM/MOC
10/2/2009 8:37:41 AM	Received a report from maintenance that T-power will be restored to refueling in 15 minutes.	jdufner	SOM

Date / Time	Entry	Name	Position
10/2/2009 8:48:38 AM	Outage Discovery Item: Component or Activity: FACTBEL95 - FAC inspections on the Turbine 95' level What Did You Find? All of the discovery opportunity inspections for the original Turbine 95' elevation FAC scope have been completed. There were no findings that warrant any repairs in R16. No NCR Required? If Yes, Insert NCR #	ksmith	EOM/EOC
10/2/2009 8:49:09 AM	SP-630 and Impact on Critical path: Completed evaluation of the possibility of moving SP-630, the HPI Full Flow Test, to the second RCS re-fill window. On review, the item is identified as a discovery item due to the potential to find a problem with an HPI pump and/ or check valve. Given that the second refill window occurs at the end of November and the impact on critical path from this activity if performed at this time is not significant, SP-630 will not be moved.	bwunderly	SOM
10/2/2009 8:56:23 AM	Radiography: Received notification from QC (Barkofski) that radiography on two of the HPI thermal sleeves has been deferred 24 hours until ~ 0300 Sunday morning due to delays with getting the scaffolding up. He will follow-up with the scaffolders and work to hold this window. This time frame should still be acceptable from the perspective of minimal SGR D-Ring activity at this time. Will verify with SGR.	bwunderly	SOM
10/2/2009 9:09:05 AM	Contacted EPU Projects Control Center. Work on the "A" MSR cros-over piping is in progress and the goal is to have this piping removed by the end of day shift.	emcleod	EPUC/EPU
10/2/2009 9:25:01 AM	OSCR 358278 (DELETED) to Remove MUH-80 from R16 (W/O 1381575-06) was approved at the Scope Review Meeting 10/02/09.	ELaForge	EWC
10/2/2009 9:26:40 AM	OSCR 358536 (EMERGENT) to perform GL 2008 on the MU System (W/O 01471881) was approved at the Scope Review Meeting 10/02/09.	ELaForge	EWC
10/2/2009 9:34:32 AM	The approval to restart the Hydro blasting has been given to the work group. This approval was given by the Project Issue Lead. The team continues to work the action plan.	Kstrupp	SGRC/SGR
10/2/2009 9:39:39 AM	OSCR 358597 (EMERGENT) to replace MSV-1 (GV-3) EH Panel Test Switch (W/O 01553453-01,02) was approved at the Scope Review Meeting 10/02/09.	ELaForge	EWC
10/2/2009 9:42:12 AM	OSCR 358201 (EMERGENT) to repair a piping leak near DO-5-FIS (W/O 1613322) was approved at the Scope Review Meeting 10/02/09.	ELaForge	EWC
10/2/2009 9:45:46 AM	Received report (John Dwyer) that temp power panel ACDP-161 has bee restored.	scrocker	MOM/MOC
10/2/2009 9:57:05 AM	Authorized Operations to start Secondary Cooling work without predecessors met. The predecessors are PMTs on the RW system that have minimal impact on the schedule. This action was discussed with the SOM (Dufner) and MSO (McCallum) and concurrence was received.	cyarashevi	OOM/OOC
10/2/2009 10:13:21 AM	OSCR 358629 (EMERGENT) RCDP-1 BRK-9 would not / will not reset. Need to replace breaker. (W/O 01629874-01) Approved Scope Review Meeting 10/02/09.	ELaForge	EWC
10/2/2009 10:14:14 AM	OSCR 358594 (EMERGENT) to repair Snubber EFH-94 (W/O 1621968) was approved at the Scope Review Meeting 10/02/09	KScaglione	EWC
10/2/2009 10:16:04 AM	OSCR 358602 (EMERGENT) to replace FW-304-TI (W/O 1629870) was approved at the Scope Review Meeting 10/02/09	KScaglione	EWC
10/2/2009 10:16:45 AM	OSCR 347785 (Approved Pre-Outage) RCDP-3 BRK-7 would not, will not reset after cycling. Need to replace breaker. (W/O 01587626-01) Approved at the Scope Review Meeting 10/02/09.	ELaForge	EWC
10/2/2009 10:16:58 AM	OSCR 358606 (EMERGENT) to replace FW-224-TE (W/O 1629869) was approved at the Scope Review Meeting 10/02/09	KScaglione	EWC
10/2/2009 10:18:03 AM	OSCR 358624 (EMERGENT) FWV-1 Flex conduit sealtite jacket pulled away (W/R 401051) was approved at the Scope Review Meeting 10/02/09	KScaglione	EWC
10/2/2009 10:41:50 AM	Received report (John Dwyer) that the Temp power connector required for apsr work has been replaced. Kris Kline has been informed, he will plug it in when required.	scrocker	MOM/MOC
10/2/2009 11:02:55 AM	Recieved report from Electrical Supervisor on night shift (Paul Chamberlain, Gary Lewis) that the new Main Generator Current Transformer that is planned to be installed appears to be significantly less robust than the CT that is being removed. Followed up with Engineering (Kent Smith, Frank Uvanni, Roy Lane) who are assessing the differences between the old and the new generator CT, and will provide a recommendation to the OCC.	BFoster	17 MNT
10/2/2009 11:36:59 AM	Notified by Refueling team (Vitt) that one of the stud runners has stopped. They are affecting repair/ replacement and don't need any he from the OCC. To keep moving forward, they are using the crane to pull studs and loading them on the racks.	bwunderly	SOM
10/2/2009 11:40:05 AM	To support the NON-SEG Bus Duct replacemant activities which were scheduled to start Oct 5 (Monday), the plant needs to be placed on Back Feed and the BEST and Start-Up transformers removed from service and tagged. The current schedule has Clearance Order # 194794 to be hung on Oct 7 (Wednesday). EBI is scheduled to start work OCT 5 (Monday) . Have asked Operations for their support to maintain the original schedule to allow the start of this work.	emcleod	EPUC/EPU
10/2/2009 12:32:28 PM	RCCR-1, Radio controller installed but has a failed relay monitor control module. Replacement module is going into RB now. Expect crane restoration by 1400.	scrocker	MOM/MOC
10/2/2009 12:35:29 PM	Refueling reports that there are 10 studs in their rack and they are done with 12 lunchboxes.	TPETRO	WCOM/CPM
10/2/2009 12:49:54 PM	Refueling team reports that the plug that was replaced this morning to support the APSRs was replaced with the wrong type of plug. Repairs are in progress.	TPETRO	WCOM/CPM
10/2/2009 12:54:34 PM	Notified by Larry sexton that the 16 inch fiber glass piping has been removed from the "A" and "B" water boxe	emcleod	EPUC/EPU
10/2/2009 1:24:42 PM	Operations is responding with FTL and ERC to a medical issue at the personnel hatch.	TJones	2 - CRS
10/2/2009 1:32:52 PM	Received a report from the MCR of an injury in containment. The individual is being transported to the CAF.	jdufner	SOM
10/2/2009 1:35:54 PM	Refueling reports that they have begun parking APSRs	TPETRO	WCOM/CPM
10/2/2009 1:44:58 PM	Reported to EPU supervision to discuss with their personnel to not use plastic buckets for lifting tools. Also, to not remove drain covers or plugs.	emcleod	EPUC/EPU
10/2/2009 1:47:00 PM	Report from refueling is 22 of 60 studs are in the rack. A second stud runner broke and both are being repaired. No estimated time for repair yet. Stud holes are being cleaned and plugged in parallel.	jdufner	SOM
10/2/2009 1:52:00 PM	At the EAL/ Equipment Hatch a worker was entering the containment when he reached the platform, the grading he was standing on collapsed the employee fell app. 6 ft. he received a minor cut on his leg. The area was secured. SGR management, safety, and supervision are investigating the incident.	Kstrupp	SGRC/SGR
10/2/2009 1:53:23 PM	Report on hurt individual in containment is grating by the equipment hatch broke and he fell through it down approximately 4 feet. The individual is ok and this is preliminarily a minor/ report only injury. The area is being roped off from an extent of condition and the management intervention plan is being reveiwed.	jdufner	SOM
10/2/2009 1:57:49 PM	The catwalk that spans the top of the two D-rings weighs approximately 5000 pounds. An independent calculations confirmed that 5000 pounds is the correct value.	ksmith	EOM/EOC
10/2/2009 1:59:00 PM	Report from refueling is a stud runner is working and stud removal has recommenced.	jdufner	SOM
10/2/2009 2:00:45 PM	RCCR-1, Radio controller would not function and has been unplugged. Crane is operable using the pendent which is currently located in the cab.	scrocker	MOM/MOC

Date / Time	Entry	Name	Position
10/2/2009 6:18:28 PM	Ivan Wilson assumes the duty of SOM.	iwilson	SOM
10/2/2009 6:20:00 PM	Held 1800 OCC Turnover Meeting: Discussed safety issue related to a loose grating that was a near-miss. Plant Status: vessel level at the flange, Time-to-Boil 14 minutes. Shift Goals: --SGR: remove horizontal tendon sheaves, 0600 --SGR: restart hydo-demolition, 2200 --RFT: FME cavity deep-end and establish FME controls, 2200 --RFT: remove and clean NI covers, 2200 --RFT: install NI gaskets, 2200 --RFT: attach tripod to big head, 0000 --RFT: remove reactor head, 0200 --Engineering: Verify SNM inventory in NI wells, 2000 --Rig and mount jack shaft on new generator rotor, 0600 Held breakout meeting with Refuel Team lead (Legette) to discuss the shift goals. At present, the CRDM lead screws (for all but the APSRs) still must be disconnected, the incore detectors must be pulled to the refuel position, and the cables must be run through the fuel transfer tubes. The aforementioned shift goals for tonight will be a challenge.	RHarvey	WCOM/CPM
10/2/2009 6:35:52 PM	Wallace Basnight assumed duties as MOC	WBASNIGHT	MOM/MOC
10/2/2009 7:17:34 PM	NCR #358724 (Generated to identify voids in Reactor Building concrete in area of hydro demolition): RB is operable. Plans are beir developed to determine extent of condition. Evaluating the installation of the hatch transfer system.	TBerlin	SGRC/SGR
10/2/2009 8:00:20 PM	Critical Path update: held discussion in the field with nightshift Refuel Team lead (Legette) to assess current progress toward the shift goal of pulling the reactor vessel head. Refuel Team personnel are presently working to remove/clean/inspect/replace the Nuclear Instrument covers, and are currently parking the remaining CRDM shims, and will be entering the RB to pull Incore detectors by 2200. Reviewed the Refuel Team schedule to identify any tasks that may be performed by in-house Mechanical Maintenance personnel.	RHarvey	WCOM/CPM
10/2/2009 8:02:34 PM	EPU noted more than expected schedule exceptions without explanations. The need to maintain accurate and current schedule updates was emphasized by EPU shift management with craft leads and field followers during the pre-shift briefing.	bbandauer	EPUC/EPU
10/2/2009 8:19:18 PM	Officer bit by insect on left thumb 1400 10/01/09 when escorting bus. Employee went home and then called on 10/02/09 14:06 to the Shift Captain stating that he was going to ER for an insect bite that occurred at work. FA report has been completed. Safety notified of incident at 17:30 10/02/09.	bgregory	SAFE
10/2/2009 8:30:00 PM	Directed Maintenace representative (Basnight) to examine mechanical resources that may be available to pull the crosswalk. The crosswalk pull is resourced to the Refueling Team, but the rigging and pull can be completed by mechanics without diverting the Refueling Team from their critical path activities.	RHarvey	WCOM/CPM
10/2/2009 8:59:44 PM	Incore Room and Under Vessel access door have been reposted as Very High Radiation Areas. Postings have been walked down and verified by the night shift Superintendant of Radiation Protection, Kevin Hirsch.	Khirsch	11 HP
10/2/2009 9:00:00 PM	Notified by RB Coordinator (Dave English) that his crew (Bechtel workers) are already rigging the D-Ring crosswalk for removal to tl missile shields. The hard barricade is already in place. Notified Mechanical Maintenance (Fitzgerald) that his resources will not be needed for this task, but we are considering using his resources to rig the big hook for the tripod.	RHarvey	WCOM/CPM
10/2/2009 9:31:58 PM	SP-630 A scrub of the MU system clearances was performed to ensure no conflicts with SP-630 lineups. Two ECO's were found that the schedule shows predecessors are met but would conflict with SP-630. Ops Resource Coordinator and OCC have been notified to not hang ECO 193578 (MU Seal Return MOVATS) or 195688 (MUMC-1). Notes have been made in Progress Reporter and the OCC has been requested to add the proper schedule ties to not hang until SP-630 is complete.	JTaylor	RRC
10/2/2009 9:31:59 PM	(Ref. 10/2/09 09:31:58 log entry) The proper schedule ties have been added to the schedule to prevent C/Os 193578 and 195688 from being hung until after the completion of SP-630.	cdew	OOM/OOC
10/2/2009 9:41:32 PM	Removed D-Ring crosswalk.	RHarvey	WCOM/CPM
10/2/2009 10:11:18 PM	Engineering shift goal update - Special Nuclear Material inventory in NI wells have been verified and all are accounted for	eortalan	EOM/EOC
10/2/2009 10:15:00 PM	Held OCC briefing with Refuel Team (Legette), SGR RB Coodinator (Dave English) and Maintenance (Fitzgerald) to "regroup" and align on RB polar crane needs. The following lifts are necessary tonight, with the object being the attachment of the "big" hook to the link and the tripod: --pull SW pipes (CRDM cooling lines) from the vessel head structure --one T-power transformer pick to support T-power --RCRE-1 steps removal from the vessel head structure (these are the steps from the catwalk to the head) --spiral stair removal from FTC Following these picks, the main hook for the polar crane will be fitted with the link and then fitted to the tripod. This (commencement of rigging the big hook) is expected at approximately 0200, with a duration of two hours.	RHarvey	WCOM/CPM
10/2/2009 10:20:00 PM	SGR RB Coordinator (Dave English) reported that housekeeping in the RB--all levels--is very cluttered but acceptable and that no unsafe conditions exist. RB Coordinator further reported that he needs a 6-8-hour activity for the RCCR-1 resource, starting with the opening of theequipment hatch, to remove containers from the RB. At present, there is no room on the 160-foot or 95-foot level to add more materiel.	RHarvey	WCOM/CPM
10/2/2009 10:57:29 PM	The MSR-3A Crossover Pipe was removed. Found 8K loose contamination.	bbandauer	EPUC/EPU
10/2/2009 11:28:53 PM	Performed drill to simulate closure of Penetration 222 (RAX-2). Simulated closure was completed in 3 minutes, estimated time is 10 minutes and time to 200 degrees is currently 36 minutes. Drill completed SAT.	churst	6 - OWC

Date / Time	Entry	Name	Position
10/7/2009 8:26:27 AM	Ops Refueling SRO requested results of the FTC upper boron sample. Results: 2884 ppmb, sample time 10/7 @ 0130, Chem. Tech. Bob Stephens.	Wdeagle	OOM/OOC
10/7/2009 9:26:00 AM	RCP-1C Permission has been granted to perform schedule work.	TKING	MOM/MOC
10/7/2009 9:37:00 AM	PT-520 Audible counts is complete.	TKING	MOM/MOC
10/7/2009 9:40:00 AM	Call from RB coordinator requesting electrical support for terminating tri-nukes. Electrical supervisor contacted.	TKING	MOM/MOC
10/7/2009 9:45:00 AM	Refuel team requests an electrician to assist with T-Power on the spent fuel floor for lighting. Electrical supervisor contacted.	TKING	MOM/MOC
10/7/2009 9:45:58 AM	Notiified by MIMO (Dyer) that multiple containers are contaminated and the process to move them out of the RB is significantly delaye The thought process is that the boxes were contaminated by the FTC fill releasing airborne activity . MIMO is working with HP to determine a way to speed up the process.	RMELTON	WCOM/CPM
10/7/2009 10:02:00 AM	Mechanical Supervisor (Hayes) requests an engineer to contact him to support a concern about a structural steel issue at the equipment hatch. The EOC (Floyd) has been contacted and is dispatching an engineer.	TKING	MOM/MOC
10/7/2009 10:11:44 AM	Report from Steve Cahill is refueling will be ready for fuel movement between 1100 and 1200 today.	jdufner	SOM
10/7/2009 10:26:48 AM	Report from HP is they are ready to move fuel when refueling is ready.	jdufner	SOM
10/7/2009 10:29:03 AM	Operations review of EC 74691 is complete.	mfloyd	EOM/EOC
10/7/2009 10:36:27 AM	Nofified by Paul Ingersoll that CDHE-3A has been disconnected and ready to be rigged for remova	emcleod	EPUC/EPU
10/7/2009 10:46:37 AM	RWP-2A motor determing: Upon further Ops Mgt. review, this work will not be authorized due to the close proximity to active core cooling protected train equipment and a total float for the job in excess of 1000 hrs with the work originally scheduled during the "B" protected train window. Electrical Maint (Hudnet) informed.	Wdeagle	OOM/OOC
10/7/2009 11:05:19 AM	Held a meeting with MIMO (Dyer) and RP (Akins) to discuss the move out plan for the RB. Multiple boxes were deconned and wrapped ahead of time to be ready to move out when the equipment hatch was reopened. During the FTC fill, particulate contamination is now above detectable limits on all of these previously cleaned boxes. The boxes will all need to be deconned again and in some cases re-wrapped. RP has assigned additional decon resources to this project to help get back on track with the schedule and RP supervision is stationed at the hatch. With this additional unplanned re-work, move out activities do not project to meet the 18 hour scheduled duration. A new completion time is being determined.	RMELTON	WCOM/CPM
10/7/2009 11:08:55 AM	EC required for Erosion of CWP-1A liner and column The vendor repairing the liner and column is recommending that the eroded areas be repaired utilizing a sleeve. This has been discussed with the CR3 pump expert (Pat Hinman), who believes a sleeve is an appropriate repair. An EC will be required to install a sleeve in CWP-1A. WR#401758 initiated for the EC. During disassembly of CWP-1A erosion was discovered between the liner (common called the turning vanes) and the interior column. The erosion occurred in the area of an O-ring joint that provides the pressure boundary for the bearing cooling water. An O-ring is utilized in this location to allow vertical movement of the interior pump rotation element with respect to the pump casing. The liner and column were sent to TAW for evaluation, after cleaning TAW is now recommending that the liner and the column be sleeved to restore the OEM fit. Additionally due to blistering and general coating failure the liner and the column will be recoated with ARC 855 (previously approved for use). Cost to recoat the liner, column and perform the sleeve repair has been quoted at $88,785 with the majority of the cost attributed to the recoating ($64,164). It should be noted that the last time the turning vanes were coated was reported to be ~ 1985 time frame. Replacement of the liner is not considered an option. A request for a quote and availability has been sent to the OEM, but based upon the cost of the discharge head I would anticipate cost in the $200,000-$300,000 range and a lead time of at least 26 weeks. Additionally once the liner was received it would have to be coated at the same price as listed above. Lead time for the coating and the sleeving is 14 days from the time of authorization with the majority of the lead time on material. I have received verbal approval to proceed with the recoating and have asked procurement to directed TAW to procure the required material while the site processes the EC. A review of material compatibility was conducted by Design engineering and their impression was that the proposed material was suitable to be used for a sleeve.	kallen	EOM/EOC
10/7/2009 11:11:27 AM	LESSONS LEARNED - FTC fill activities last night raised the particulate contamination levels in the RB. For the future, thought should be given to reducing the fill rate, washing down of the FTC walls or some other method to reduce the level of contamination spread during refill.	RMELTON	WCOM/CPM
10/7/2009 11:51:33 AM	Notified by fuel handling team that PT-532 will not be completed until 1400, thus delaying the start of defueling until 1400. This is a thre hour delay on critical path. Notified the SOM (Dufner).	RMELTON	WCOM/CPM
10/7/2009 12:07:08 PM	PGM excpectations for predecessors not met. 1. If the predecessor is tied to a risk window, then No work should be started unless authorized by the OCC. 2. If the predecessor is not tied to a risk window, then the work should be analyzed by the supervisor and if they believe the predecessor is not correct the basis should be documented in progress reporter comments. Work can then start. 3. If the predecessor is not tied to a risk window, and the supervisor is unsure if the predecessor is correct, then no work should be started unless authorized by the OCC.	Jholt	HIT
10/7/2009 12:52:15 PM	There is a piece of loose concrete app. 2ft by 4 ft below the containment opening. The area below has been roped off, and Eng. is evaulating. Hydro Demo has been stopped	Kstrupp	SGRC/SGR
10/7/2009 1:03:43 PM	Contacted EPU Projects Control Center. There are no issues at this time.	emcleod	EPUC/EPU

NCR 00358724 10/03/2009

Subject: CR3 SGR HYDRODEMOLITION EXPOSED CRACKS IN THE RB CONCRETE

During hydrodemolition of the concrete containment wall, within the boundaries of the temporary access opening, cracks were exposed between adjacent hoop tendons. The cracks are generally in a vertical plane between the tendon sleeves and extend for an indeterminate length. It is possible the cracks were the result of hydrodemolition or just exposed by the hydrodemolition. The extent of the cracks cannot be established as the crack is exposed by the removal of the concrete which in turn prevents an assessment of the length of the crack. There is however, water leakage through cracks in the RB wall that would indicate the cracking extends beyond the area of the opening.