

Alexander, Ryan

From: Haire, Mark *REG II*
Sent: Tuesday, July 12, 2011 7:46 AM
To: Kennedy, Kriss; Clark, Jeff; Vogel, Anton; Caldwell, Robert; Howell, Linda; Alexander, Ryan; Kirkland, John; Azua, Ray
Cc: Farnholtz, Thomas
Subject: FYI: FW: Incident Commander Report
Attachments: 7-12-11 Nights.docx

From: WEAVER, DAVID E [mailto:dweaver@oppd.com]
Sent: Tuesday, July 12, 2011 5:03 AM
To: FCS Flood Incident Commander Reports; R4 IRC; Haire, Mark
Subject: Incident Commander Report

IC Report for 7-12-2011 (nights) attached.

Thanks,

David W.

David E. Weaver
Work Week Manager

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FOIA- 2011-1039

2011 FLOODING INCIDENT COMMANDER'S REPORT

DATE: 7-12-2011 TIME: 0500 IC: David Weaver SHIFT: Night Shift

EMERGENCY PLAN CLASSIFICATION

Notification of Unusual Event (NOUE): Declared 6/6/11 0800; HU-1, EAL-5

SAFETY STATUS and ISSUES

Nuclear Safety:

SOPP Shutdown Condition: 1	ORAM Color: Green but elevated risk due to Station flooding	Time to Boil - Cavity: 40 hours Time to Boil - SFP: 80 hours
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Industrial Safety:

- 1) The two person rule is in effect for working or traversing in high flood waters.
- 2) Contact Mike Godfrey and Brian Kramer for all non-routine dayshift switchyard entries.
- 3) Maintenance Shop cross path secured with red tape due to column sinking. Requires bypassing through the Machine Shop. Safety Glasses required for passage. Safety glasses staged at both doors to the Machine Shop.
- 4) Do not park in or block reserved parking locations in the parking lot. Also, only on shift staff and personnel directly supporting the flooding efforts/priorities are to park in the new parking lot at the top of the hill. All others are to park at Blair High School and use the shuttle bus.
- 5) PA Clean-up Spray Team members: Long sleeve shirts and goggles required as designated by supervisor. Normal PPE for all other workers.

Radiological Safety: The portal radiation monitor at the south security exit point has been restored to service. Please ensure you stop and pause in the monitor on your way out of the Protected Area.

PLANT STATUS

345 kV Status: Available	161 kV Status: Available
DG1 Status: Available	DG2 Status: Available
Significant Bus / MCC Outages: Buses 1B4A	
Containment Closure Status: Still set for heavy loads	Containment Temp: 80 °F
Reactor/Cavity Water Level: 1036' 6.5"	River Level: 1005' 11" (AOP-01)
Significant Equipment Unavailable: AC-3B, VA-64B, Switchgear Room A/C VA-89	

SIGNIFICANT PROTECTED EQUIPMENT

Areas and Equipment protected for Spent Fuel Pool, Shutdown Cooling, and Containment Closure:

- Room 5 – Spent Fuel Pool Cooling components
- Room 13 & 14 – Shutdown Cooling Components
- Room 15A - Shutdown Cooling Components
- Room 18 – Raw Water/CCW Heat exchanger AC-1D
- Room 69 – Component Cooling Water Pump AC-3C
- East & West Switchgear Room – Bus 1A3
- DG-1 Room 63 – Emergency Generator DG-1
- Intake Structure – Raw Water Pump AC-10D, "E" gate/screen, AC-12B RW Strainer, FP-1B, Diesel Fire Pump, CW-16B
- VA-3A, Containment Filtering Unit
- Room 21 - Shutdown Cooling
- Corridor 26 by Boric Acid Tanks – Boric Acid and Makeup Flow paths (includes MCCs)
- Corridor 4 - Boric Acid and Makeup Flow paths (includes MCCs)
- Containment - Boric Acid and Makeup Flow paths
- Upper Electrical Penetration Room - Boric Acid and Makeup Flow paths (includes MCCs)
- Switchyard 345 KV Breakers 5 and 6
- Transformers T1A-1 and T1A-2
- Aqua Dam Protected to 6' - Spotter required within 6'. Pump crews and inspections are exempt. IC and SM approval required.

SIGNIFICANT WORK COMPLETED THIS SHIFT

- Placed VA-90 in service at shift turnover. Monitored operation of VA-90.
- Continued pump down of the protected area.
- Continued pump down of the railroad siding. Placed electric pump in PA outside of railroad siding door.
- Continued cleanup activities. Concentrated on south side of Service Building.
- Added another pump to the 161 kV berm (east side).
- Monitored water intrusion inside the security building. Moved hoses inside PA to connect to green 6 inch pump. Was not able to get suction established for the pump.
- Installed water proof enclosure boxes around 13.8 kV transformers in PA.

WORK PRIORITIES FOR NEXT SHIFT (E. Scott Pallas AT47B)

- Place VA-89 in service. (EM/OPS)
- Continue pump down of the protected area. (NPS)
- Continue pump down of the railroad siding. (CY/RP/OPS)
- Continue cleanup activities. (NPS/SFM)
- Monitor water intrusion inside the security building. (NPS)
- Finalize plan/schedule for remaining Bus 1B4A RCA extent of condition inspections. (Eng)
- Waterproofing of conduits and restore CKT 121 (13.8KV to the plant) (Substation)
- Complete sandbagging of water proof enclosure boxes around 13.8 kV transformers in PA. (SFM)

NEAR TERM STATION PRIORITIES

TASK	LEAD WORK GROUP	EXPECTED COMPLETION DATE	COMMENTS
Finalize plan/schedule for remaining Bus 1B4A RCA extent of condition inspections. (Eng)	(Eng)	July 12	Time frames need further review and approval.
Restore CKT 121 (13.8KV to the plant)	Sub Station	July 12	Requires a covert installed to allow sealing a conduit.
Remove 2" diameter sample vessel that dropped into FO-1	CY/Maint/Ops	TBD	
Reseal North Cable Tray Chase in Security Building	Eng/Bill Phillips/Maint	July 14	WR 166763 Need 100 Sand bags filled and Furmanite material. Prereq work to start on July 11
Install Temp. Mod. for MCC 4A2	EM	July 19	EC#. Parts hold. Breaker scheduled arrival is 7/15
VA-89/90: Remove, restore and elevate	SFM	July 22	EC 53400 being processed by DEN for the elevated stands.
Jim Shores needs EM support for pulling new phone cable into the Security Building	Comm/EM	TBD	WR 166809/parts are on order
Transition Plan for Aqua Dam monitoring and filling.	TBD	July 21	Transition aqua dam monitoring and filling operations to support personnel

FLOOD BARRIERS STILL PENDING

Flood barriers installed per PE-RR-AE-1001, with the following deviations:

AE-22- 1007-1 door to Radwaste Building (power door) is removed. NOTE: NO POWER from MCC-4A2.

AE-23- 1007-9 door from RCA to Chemistry is removed.

AE-24- 1007-19 door – normal RP access point is removed.

AE-25- 1011-1 door from Turbine Mezzanine to Coordinator 52 is removed.

AE-28-1011-4 south door switchgear room for emergency switchgear exit

AE-21- Intake structure "trash rack" outlet is removed for cell cleaning work.

SD-127, 128 – Maintenance Shop drains to Lift Station #1 - open

VD-681, 682 – Switchgear Room HVAC drains to TB Sump - open

Other 1007' barriers can be removed to allow work access with authorization from SM. All 1007' barriers will be re-installed when river level reaches 1006' 9" and rising, or when directed by the SM.

ACTIVE HITS

- Level A CR 2011-5414: Loss of 1B4A – Owner: Steve Clayton. RCA in progress.
- Intake Screen sanding in issues – HIT formed under CR 2011-5750 – Ken Erdman lead.

NOTES: (Topics to Discuss, Actions to Complete, Kudos to Share)

- Steve Gebers has the lead to transition from Coops to Bartlett personnel for Pump/Berm Watch Team members.
- Maintenance on failed pumps/generators appears to be due to sand or dirt in the gas. Be cautious that gas cans do not become contaminated with dirt and sand.
- Spare B.5.b Fire Truck from Fort Calhoun Volunteer Fire Dept located onsite. Supply hose in rack along walkway to King Tut blocks. Do not start EV-911 unless first inspected by Transportation Department.
- Bottled water is stored in a sealed container at the top of the hill. Bring into PA as needed.
- Shift Manager and IC will continue to monitor river levels and utilize AOP-1, EPIP-TSC-2 and PE-RR-AE-1001 as the principle governing documents. NOTE: New Revision to EPIP-TSC-2 issued on 7-01-11 for alternate filling of D/G fuel oil.
- If communications or ERDS is lost in the Control Room or TSC; Incident Commander is to call NRC Senior Resident Inspector and the NRC operations center (per AOP).
- Use controls in place for boat safety – Need supervisor brief before getting boat keys from Incident Commander.
- Spare gas generators are staged on the Turbine Deck. Spare gas pumps are in the Maintenance Shop.