

Switchyard Power Outage Response

Reviewed by Paul Allcorn

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Please notify the External Beams Department, any experiments that may be affected and the Operations Specialist in the event of a glitch or power outage. If at any point in this procedure something does not work, call the appropriate personnel for assistance.

1. Contact Personnel as necessary:

- External Beams Department Head - Craig Moore
- Deputy Department Head - Peter Lucas
- External Beams SY120 Expert – Rick Coleman
- External Beams SY120 Expert – Chuck Brown

2. In the event of an extended power outage:

- a. **SUMPS:** Remember to check SY sump levels. If water levels are in danger of overflowing a generator may be required to supply power to the sumps.

3. As soon as power is restored and controls return:

- a. **VACUUM:** Recover vacuum. Start pumps up as needed.
- b. **WATER:** Make sure that LCW systems are up and running.
- c. **RESTORES:** Do a restore any differences for SY crates.

4. When the water systems are recovered and stable:

- a. **POWER SUPPLIES:** Turn on the switchyard power supplies.

5. When all systems are stable:

- a. **VALIDATE ALARMS!!** Make sure all devices are being monitored.
- b. Make sure that all systems are on and running normally.
- c. Try beam!

NOTES: Please use this area to note problems encountered during recovery.