

	GILES CHEMICAL		
	COMPANY PROCEDURE		
	Electrical Outage Recovery	Page : 1 of 3	Revision : 03 Date : 10/13/2010
	Author: Patrick Owen Work Instruction		

Personnel responsible:

Lead Operator, Material Handler, Assistant Operator

Safety:

Safety glasses and safety shoes required. Be very careful, it is easy to injure yourself when running around and trying to recover from a power outage. Plan ahead and take your time.

Summary:

After a power outage, many processes in the plant must be restarted before normal operations can resume. This checklist is not all-inclusive, but can be upgraded as we find other things to put on it.

Check Off List:

- | | |
|---|---|
| <ul style="list-style-type: none"> ○ Elbow pumps for Crystallizers (Priority #1) ○ Circulation Pumps for Digesters ○ MgO Feed for Digesters ○ Agitators on Salt Side, Liquid Side ○ Mud Tank Agitators ○ Filter Press (clear alarm and continue from hold) ○ Boilers ○ Air Compressor ○ Creek Pumps ○ Dust Collectors ○ Dryer Fans ○ Dryers ○ Screw Under Centrifuge ○ Centrifuge ○ Dryer Screws (Top and Bottom) ○ OmniLift ○ Screener (if in use) ○ Bucket Elevators (if in Use) ○ Water Recovery System ○ Vacuum Pumps ○ Brine Transfer Pump | <ul style="list-style-type: none"> ○ Condenser Pumps (40Hz Minimum) ○ Small Condenser Pump ○ Mass Flow Pumps ○ Fine Salt Pumps ○ Brine Feed Pumps ○ Mother Liquor Pump ○ Mother Liquor Feed Pumps to Crystallizers ○ Mud Pump ○ Liquid Load Pump (if in use) ○ Liquid Load System (stop it and check load) ○ Liquid Load Feed (stop manual water) ○ Vibrators for Mix Pots ○ Liquor Pot Pump ○ Palletizer ○ Conveyor ○ Bagger ○ Super Sack Machine ○ MgO Blower (if in use) ○ Acid unloading pump and Compressor (if in use) ○ Log onto Monitoring System Screen (mon1, mon1 - see procedure) |
|---|---|

Notes:

- 1) These are somewhat in order of importance.
- 2) If the power blips again while you are starting up – throw this checklist away and print a new one.



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Work Instruction

TRAINING DOCUMENTATION

	EMPLOYEE	TITLE	SIGNATURE	DATE
1				
2				
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Work Instruction

Revision Number	Revision Date	Revision Author	Revision Description
00	05/26/2006	PLO	Original Document
01	05/30/2008	PLO	Added Check Dryer Fans, Removed Document Number, Changed Header
02	03/23/2009	PLO	Added Acid Unloading Pump, Added Water Recovery
03	10/13/2010	PLO	Updated Format, Added Liquid Load details, Added Minimum Hz for Condenser Pumps