
	GILES CHEMICAL ~ PREMIER MAGNESIA		
	Company Procedure		
	Title: Main Plant Power Restoration Checklist	Number: E15-PR-100-001	
	Owner: Patrick Owen	Revision: 0	
	Effective Date: 04/15/2015	Page: 1 of 3	

1.0 Purpose

After a power outage, many processes in the plant must be restarted before normal operations can resume. This checklist is a dictation of how to properly restore the plant to normal operation.

2.0 Scope

This checklist should be followed whenever a power outage occurs in the main plant. This checklist will help to ensure the plant is restored to operation.

3.0 Responsibility

The Lead Operator is responsible for completing the checklist and ensuring operations are restored.

4.0 Safety Considerations

Proper PPE should be worn at all times. Use caution, injury can occur when recovering from a power outage. Be aware of low light conditions and hidden hazards.

Safety is a condition of employment. Employees are not authorized to work in an unsafe manner and are prohibited from harming the environment of the facility or community.

5.0 Materials/Equipment



N/A

6.0 Procedure

Follow the checklist below. It is important to follow the restart of equipment **IN ORDER** as the list descends by importance. *(Note: If another power outage should occur while the checklist is in progress, the checklist must be started from the beginning.)*

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POWER RECOVERY CHECKLIST:

- 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
- 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)

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7.0 Reference Documents

N/A

8.0 Change Information

New Document

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