

GILES CHEMICAL		
COMPANY PROCEDURE		
Standard Operating Procedure	Page : 1 of 3	Revision : 05/19/2008 Date : 6/28/2006
Author: Patrick Owen	Title: (00) Power Out for 5 Minutes List	

Personnel responsible:

1. 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:

If the power is out for more than 5 minutes, most lines need to be washed so they don't set up. The checklist that follows covers most of these items. After the power comes back on, use "Electrical Outage Recovery" to help you restart the plant.

Procedure:

- ☐ Cut the Acid off to the Digesters (very important)
- ☐ Crystallizer Discharge lines (wash to ML pot)
- ☐ Brine Feed Lines
- ☐ Mother Liquor Feed Lines
- ☐ Brine Tank Lines
- ☐ Digester Circulation Loops
- ☐ Mud Line to Press (from valve on head of pump, anyway)
- ☐ Brine Line from Press
- ☐ Liquid Load Line (if being used)
- ☐ Line to Small Press (Brine or Mud)
- ☐ Mother Liquor Line to Digesters
- ☐ Mother Liquor Circulating Line
- ☐ Crystallizer density loops
- ☐ Fine Salt Loops

GILES CHEMICAL			
COMPANY PROCEDURE			
Standard Operating Procedure		Page : 2 of 3	Revision : 05/19/2008 Date : 6/28/2006
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TRAINING DOCUMENTATION

	EMPLOYEE	TITLE	SIGNATURE	DATE
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GILES CHEMICAL		
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Standard Operating Procedure	Page : 3 of 3	Revision : 05/19/2008 Date : 6/28/2006
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REVISION HISTORY

<u>Revision Date</u>	<u>Revision Number</u>	<u>Revision Description</u>
05/19/08	01	Changed Header Removed Document Number