

Section 1. Registration Information

Source Identification

Facility Name:	James A. Vann, Jr. Power Plant
Parent Company #1 Name:	PowerSouth Energy Cooperative, Inc.
Submission Type:	Resubmission
Receipt Date:	April 2012
Status:	Deregistered
Deregistration Effective Date:	July 2015

Facility Identification

Facility ID:	1000 0017 8942
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Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	6900005
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Facility Location Address

Street 1:	Post Office Box 550
Street 2:	28570 U. S. Highway 29 North
City:	Andalusia
State:	AL
ZIP:	36420
ZIP4:	N/A
County:	Covington

Facility Latitude and Longitude

Latitude (decimal):	31.399670
Longitude (decimal):	-086.475095

Local Emergency Planning Committee and Regulations

LEPC:	Covington County LEPC
OSHA PSM:	N/A
EPCRA 302:	Yes
CAA Title V:	Yes

Process Chemicals

Program Level:	Program Level 2 process
Chemical Name:	Ammonia (conc 20% or greater)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic

Process NAICS

NAICS Code:	221112
NAICS Description:	Fossil Fuel Electric Power Generation

Section 6. Accident History

Accident History ID: Accident 1

Date of Accident:	November 2011
Time Accident Began (HH:MM):	06:30
NAICS Code of Process Involved:	221112
NAICS Description:	Fossil Fuel Electric Power Generation
Release Duration:	024 Hours 00 Minutes

Release Event

Gas Release:	N/A
Liquid Spill/Evaporation:	Yes
Fire:	N/A
Explosion:	N/A
Uncontrolled/Runaway Reaction:	N/A

Release Source

Storage Vessel:	N/A
Piping:	Yes
Process Vessel:	N/A
Transfer Hose:	N/A
Valve:	N/A
Pump:	N/A
Joint:	N/A
Other Release Source:	underground rupture of piping

Weather Conditions at the Time of Event

Wind Speed:	5.0
Units:	Miles/h
Direction:	NE
Temperature:	55
Atmospheric Stability Class:	C
Precipitation Present:	N/A
Unknown Weather Conditions:	N/A

On-Site Impacts

Employee or Contractor Deaths:	0
Public Responder Deaths:	0
Public Deaths:	0
Employee or Contractor Injuries:	0
Public Responder Injuries:	0
Public Injuries:	0
On-Site Property Damage (\$):	40000

Known Off-Site Impacts

Deaths:	0
Hospitalizations:	0
Public Deaths:	0
Other Medical Treatments:	0
Evacuated:	0
Sheltered-in-Place:	0
Off-Site Property Damage (\$):	0

Environmental Damage

Fish or Animal Kills:	N/A
Tree, Lawn, Shrub, or Crop Damage:	N/A
Water Contamination:	N/A
Soil Contamination:	Yes
Other Environmental Damage:	N/A

Initiating Event

Initiating Event:	Equipment Failure
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Contributing Factors

Equipment Failure:	Yes
Human Error:	N/A
Improper Procedures:	N/A
Overpressurization:	N/A
Upset Condition:	N/A
By-Pass Condition:	N/A
Maintenance Activity/Inactivity:	N/A
Process Design Failure:	N/A
Unsuitable Equipment:	Yes
Unusual Weather Condition:	N/A
Management Error:	N/A
Other Contributing Factor:	PVC piping unsuitable for ammonia; replaced with stainless steel

Off-Site Responders Notified

Off-Site Responders Notified:	Notified and Responded
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Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment:	Yes
Revised Maintenance:	N/A
Revised Training:	N/A
Revised Operating Procedures:	Yes
New Process Controls:	N/A
New Mitigation Systems:	N/A
Revised Emergency Response Plan:	N/A
Changed Process:	N/A
Reduced Inventory:	N/A
None:	N/A
Other Changes Introduced:	new alarms to detect ammonia flow when process is off and no flow should be occurring

Chemicals in Accident History

Quantity Released (lbs):	15000
Percent Weight:	29.5
Chemical Name:	Ammonia (conc 20% or greater)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Covington County LEPC
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(334) 428-2670