

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

JACKSON PURCHASE ENERGY )  
CORPORATION )  
\_\_\_\_\_ ) CASE NO. 2012-00240  
ALLEGED FAILURE TO COMPLY WITH )  
KRS 278.042 )

ORDER

Jackson Purchase Energy Corporation (“Jackson Purchase”), a Kentucky corporation which engages in the distribution of electricity to the public for compensation for light, heat, power, and other uses, is a utility subject to Commission jurisdiction.<sup>1</sup>

KRS 278.042 requires the Commission to ensure that each electric utility constructs and maintains its plant and facilities in accordance with accepted engineering practices as set forth in the Commission’s administrative regulations and orders and in the most recent edition of the National Electrical Safety Code (“NESC”).

KRS 278.030 requires every utility to furnish adequate, efficient and reasonable service. KRS 278.260 permits the Commission, upon its own motion, to investigate any act or practice of a utility that affects or is related to the service of a utility. KRS 278.280(1) further permits the Commission, after conducting such investigation and finding that a practice is unreasonable, unsafe, improper or inadequate to determine the

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<sup>1</sup> KRS 278.010(3)(a).

reasonable, safe, proper or adequate practice or methods to be observed and to fix same by Order.

Pursuant to 278.280(2), which directs the Commission to prescribe rules and regulations for the performance of services by utilities, the Commission has promulgated Administrative Regulation 807 KAR 5:006, Section 24, which requires all utilities to adopt and *execute* a safety program.

Commission Staff submitted to the Commission an Incident Investigation Report ("Report") regarding this incident, which is attached as Appendix A. The report alleges that, on February 7, 2012, at 4946 Reidland Road in Paducah, Kentucky, Scot Gordon, owner of Gordon Roofing, sustained burn injuries as a result of an accident while installing a new metal roof on a building at the above address.

According to the Report on the day of the incident, the victim was installing a new metal roof on a building. During this process, a piece of the metal roofing Mr. Gordon was in contact with came into contact with an energized primary conductor. The primary conductor was energized at a level of 7.2kV line to ground. According to Jackson Purchase's report, Mr. Gordon stated he was on his knees putting a piece of roofing trim on the corner of the building when an arc occurred and that he received third degree burns, but he would not reveal to what part of his body. Jackson Purchase's report also states that, when investigating the incident, Jackson Purchase service crew discovered burn marks on the conductor. The marks were about 12 inches long and directly in line with the highest corner of the building roof. Burn marks were also discovered on a piece of roofing that had been fastened down on the east

side of the building. The line in question is a two-phase primary line running approximately parallel to the roofline and is not over the building.

On February 9, 2012, Jackson Purchase took measurements of the line in question. The measurements are attached to Jackson Energy's seven-day report at Attachment B. According to the measurements, the first primary conductor was 4'8" away from the corner of the building, the neutral conductor was 7'5" away from the corner of the building, and the second primary conductor was 11'5" away from the corner of the building. The horizontal clearance for the first primary conductor was 2'10.5", the neutral conductor was 3'6" away from the first primary conductor for a total of 6'4.5", and the second primary conductor was 3'6" away from the neutral conductor for a total of 9'10.5". Jackson Purchase also submitted documentation of the construction date of the line in question. Based on that information, the 1961 edition of the NESC should apply.

Commission investigator, Steve Kingsolver, visited the incident site on February 9, 2012 to conduct an incident site investigation. Photographs were taken during this site visit, noting burns and damage to the conductor.

Based on Commission Staff's investigation of the incident, information contained in the Report, and the information provided by Jackson Purchase in its seven-day summary report (Attachment B to the Report), Commission Staff alleges that Jackson Purchase has violated the following provision of the NESC:

1. 1961 NESC Section 23, Rule 234.C.4 -- Clearances from Buildings -- 4. Conductors Passing By or Over Buildings
  - (a) Minimum Clearances. Unguarded or accessible supply conductors carrying voltages in excess of 300 volts may be run either beside or over buildings. The vertical or horizontal

clearance to any building or its attachments (balconies, platforms, etc.) shall be as listed below. The horizontal clearance governs above the roof level to the point where the diagonal equals the vertical clearance requirement. From this point the diagonal clearance shall be equal to the vertical clearance requirement. This rule should not be interpreted as restricting the installation of a trolley contact conductor over the approximate center line of the track it serves. (1) For spans of 0 to 150 feet, the clearances shall be as given in table 4.

Table 4—Clearances of supply conductors from buildings

Voltage of Supply Conductors	Horizontal Clearance	Vertical Clearance
	Feet	Feet
300 to 8,700	3	8
8,700 to 15,000	8	8
15,000 to 50,000	10	10
Exceeding 50,000	10 plus 0.4 inch per kV in excess	10 plus 0.4 inch per kV in excess

Based on its review of the Report and being otherwise sufficiently advised, the Commission finds that prima facie evidence exists that Jackson Purchase has failed to comply with KRS 278.042. We further find that a formal investigation into the incident that is the subject matter of the Report should be conducted and that this investigation should also examine the adequacy, safety, and reasonableness of Jackson Purchase's practices related to the construction, installation and repair of electric facilities.

The Commission, on its own motion, HEREBY ORDERS that:

1. Jackson Purchase shall submit to the Commission, within 20 days of the date of this Order, a written response to the allegations contained in the Report.
2. Jackson Purchase shall appear on October 23, 2012, at 10:00 a.m., Eastern Time, in Hearing Room 1 of the Commission's offices at 211 Sower Boulevard in Frankfort, Kentucky, for the purpose of presenting evidence concerning the alleged



violations of KRS 278.042 and showing cause why it should not be subject to the penalties prescribed in KRS 278.990(1) for these alleged violations.

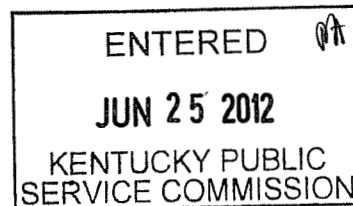
3. At the scheduled hearing in this matter, Jackson Purchase shall also present evidence on the adequacy, safety, and reasonableness of its practices related to the construction, installation and repair of electric facilities and whether such practices require revision as related to this incident.

4. The October 23, 2012 hearing shall be recorded by videotape only.

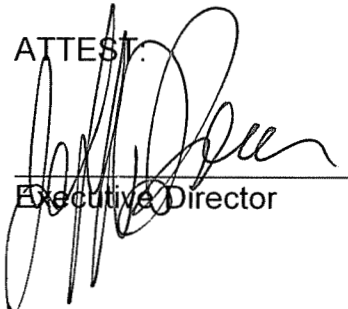
5. The Report in Appendix A is made a part of the record in this case.

6. Any requests for an informal conference with Commission Staff shall be set forth in writing and filed with the Commission within 20 days of the date of this Order.

By the Commission



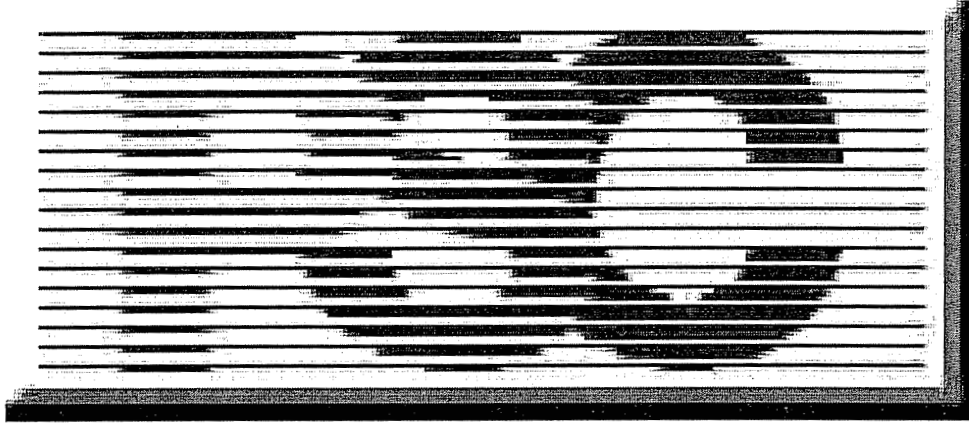
ATTEST:

  
\_\_\_\_\_  
Executive Director

Case No. 2012-00240

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE  
COMMISSION IN CASE NO. 2012-00240 DATED **JUN 25 2012**



# ACCIDENT INVESTIGATION ~ Staff Report

Report Date ~ April 4, 2012

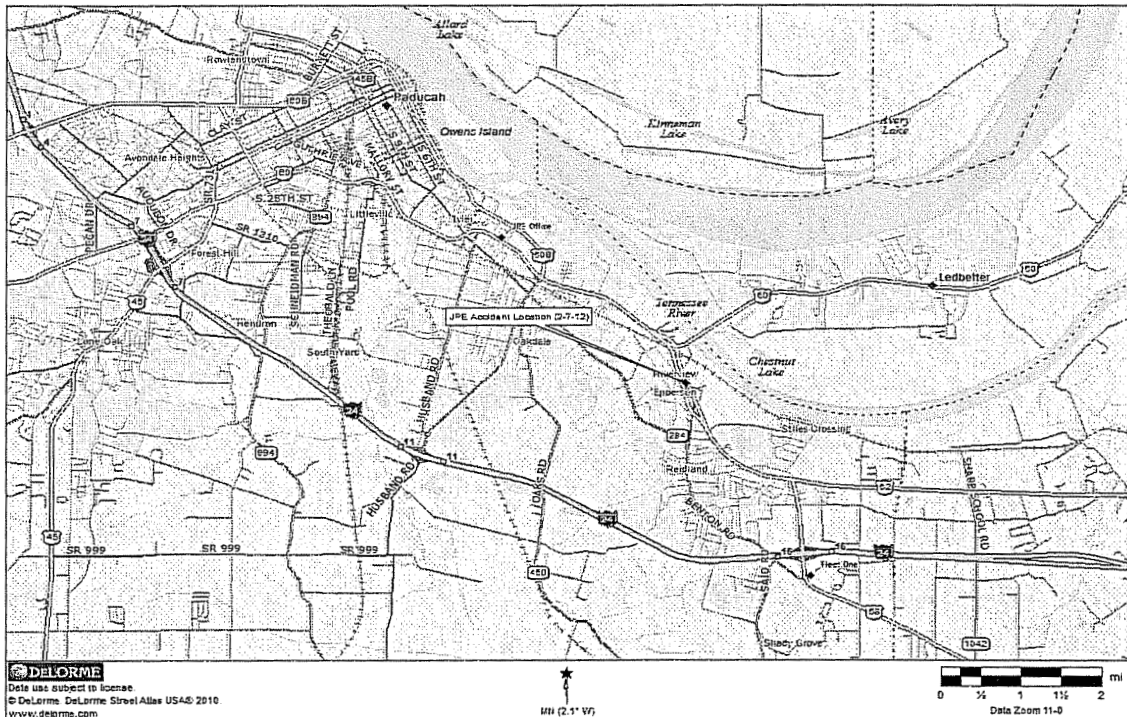
Accident Date ~ February 7, 2012

Serving Utility ~ Jackson Purchase Energy Corp.

Incident Location ~ Paducah, Kentucky

Victim ~ Mr. Scott Gordon

PSC Investigator ~ Mr. Steve Kingsolver



## SECTION I: INVESTIGATION - CONTACTS/ACTIONS

**Utility:** Jackson Purchase Energy Corp. (Jackson Purchase)

**Date:** 2-9-12                      **Time:** 9:00AM CST

**PSC Staff Member:** Steve Kingsolver

**Contact Name:** Murray Riley

**Contact Address:** PO Box 4030, Paducah, Ky. 42002-4030

**Contact Telephone:** 270-442-7321

**Summary of Conversation/Action:** Discussion of this accident.

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**Date:** 2-9-12                      **Time:** 9:00AM CST

**PSC Staff Member:** Steve Kingsolver

**Contact Name:** Craig Gerke

**Contact Address:** PO Box 4030, Paducah, Ky. 42002-4030

**Contact Telephone:** 270-442-7321

**Summary of Conversation/Action:** Discussion of this accident.

## **SECTION II: FINDINGS**

After the accident investigation and review of all the information concerning this situation, it appears that the Jackson Purchase Energy Corp. facilities involved in this accident did not meet or exceed the requirements of the National Electrical Safety Code concerning the primary conductor clearance to buildings.

Steve Kingsolver

## **SECTION III: RELEVANT CODES, STATUTES, REGULATIONS, OR SAFETY MANUAL ISSUES THAT ARE PERTINENT TO THE INVESTIGATION**

KAR 278.042  
Service adequacy and safety standards for electric utilities  
National Electric Safety Code

National Electric Safety Code: 1961 Edition  
Section 234-C

See Attachment E

## **SECTION IV: NOTIFICATION FROM UTILITY**

From: Kingsolver, Steve (PSC)  
Wednesday, February 08, 2012 2:36 PM  
Cole, Kimra H (PSC); Gorjian, Fereydoon (PSC); Johnson, Jeff A (PSC); Kingsolver, Steve (PSC); Moore, Jeffrey C (PSC); Russell, Elie R (PSC); Shupp, John (PSC); Willard, Kyle (PSC); Morris, Scott A (PSC); Bowman, Eric C (PSC)  
Subject: Fw: Courtesy Notification  
Below you will see the information from JPE on a possible primary contact. At this time I am handling as a courtesy notice until JPE confirms the contact or not. I will forward additional information as it comes in.  
Steve Kingsolver

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From: Craig Gerke [mailto:Craig.Gerke@jpenenergy.com]  
Sent: Wednesday, February 08, 2012 01:49 PM  
To: Kingsolver, Steve (PSC)  
Cc: Kelly Nuckols <Kelly.Nuckols@jpenenergy.com>  
Subject: Courtesy Notification

Steve,  
Per our phone conversation, this is to notify you of a possible electrical contact on our system. This morning, JPEC was made aware of a story that ran on the local 6:00 pm news last night (2/7/2012) regarding a person working on a roof getting a piece of roofing into electrical lines. The story indicated the person received second and third degree burns and was taken to a hospital for treatment. JPEC has not been notified of the incident. JPEC has begun an investigation into the possible incident and we will contact you when we have more information.

Craig Gerke,  
Jackson Purchase Energy Corporation

Investigated By:

Name:

Company:

Steve Kingsolver  
Utility regulatory and Safety Investigator IV

KPSC

Signed:



Date:

4-4-12

Attachments:

- A. KPSC Investigator Report
- B. Utility Summary Report
- C. KPSC Photographs of Accident
- D. KPSC Maps
- E. 1961 Edition of the National Electrical Safety Code  
Section 234-C
- F. Site Diagram

**Attachment A**

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**KPSC Investigator Report**

**Kentucky Public Service Commission**  
**Electric Utility Personal Injury Accident Report**

**Utility:** Jackson Purchase Energy Corp. (Jackson Purchase)  
**Reported By:** Craig Gerke, VP Operations and Engineering  
**Incident Occurred:** February 7, 2012 Approximately 1:45 PM CST  
**Utility Notified:** February 8, 2012 Approximately 11:30 AM CST  
**PSC Notified:** February 8, 2012 Approximately 11:30 AM CST  
**PSC Investigated:** February 9, 2012 Approximately 9:00 AM CST  
**Summary Report Received:** February 15, 2012

**Incident Location:** 4946 Reidland Road  
Paducah, Kentucky  
McCracken County

**Incident Description:**

<b><u>Victim:</u></b>	<b><u>Name:</u></b>	<b><u>Employer:</u></b>
	Scott Gordon	Owner of Gordon Roofing

<b><u>Information From:</u></b>	<b><u>Name:</u></b>	<b><u>Position:</u></b>	<b><u>Employer:</u></b>
	Murray Riley	Safety Director	Jackson Purchase
	Craig Gerke	VP Engineering and Operations	Jackson Purchase

**Description:**

On February 8, 2012 I received a call from Craig Gerke, Vice President of Engineering and Operations, with Jackson Purchase. He informed me that they had been notified of a possible public primary voltage contact. Confirmation of the action was obtained later that day. On February 9, 2012, I performed an investigation on this accident. From the information obtained during this investigation and the information provided by Jackson Purchase in the utility summary report, the following is a description of what took place:

The owner of Gordon Roofing, Scott Gordon, was installing a new metal roof on a building at 4946 Reidland Road, Paducah, Kentucky in McCracken County. During the process of installing a piece of the metal roofing it appears that the victim, Scott Gordon, made contact with the metal roofing that he was in contact with to an energized primary conductor, which was energized at a level of 7.2kV line to ground. The victim, Scott Gordon, informed Jackson Purchase investigators that he received third degree burns, but would not inform them to what part of the body.

My conclusion on the facts of this accident is the energized primary conductor involved in this accident did not meet or exceed the requirement set forth in the National Electrical Safety Code on conductor clearance from buildings. The energized primary conductor involved in this accident was



owned and operated by Jackson Purchase. It appears that the lack of proper clearance had not been discovered during previous two-year system inspections.

Temporary modifications were made at this site on February 9, 2012. This increased the clearance between the building involved and Jackson Purchase's energized conductors. See Jackson Purchase summary report, Attachment G. The Jackson Purchase summary report is attached to this report as Attachment B.

**Line/Equipment Measurements/Clearances**

Line Clearances At Point of Incident:	Measured	Minimum Allowed by NESC	Applicable NESC Edition 1961*	Voltage	Construct Date
Primary Conductor: Horizontal to Building	2' 10 1/2"	3'	1961 EDITION	7.2 kV	1973
Primary Conductor: Vertical to Building	N/A	8'	1961 EDITION	7.2 kV	1973

\* If clearances were not in compliance with the current edition, then the edition in effect when the facilities were last constructed or modified would apply.

**Date of Measurement:** February 8, 2012

**Temp & Weather:** Overcast, approximately 38°

**Measurements Made By:** Name: Murray Riley Company: Jackson Purchase

**Investigated By:** Name: Steve Kingsolver Company: KPSC

Signed: 

Date: 4-4-12

**Attachment B**

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**Utility Summary Report**



Jackson Purchase Energy  
P.O. Box 4030 • 2900 Irvin Cobb Drive  
Paducah, KY 42002-4030  
270.442.7321 • 800.633.4044

*Your Cooperative Partner by Choice  
Online at JPEnergy.com*

February 15, 2012

RECEIVED

Mr. Steve Kingsolver  
Kentucky Public Service Commission  
211 Sower Blvd.  
Frankfort, KY 40602

FEB 16 2012

PUBLIC SERVICE  
COMMISSION

Re: Summary Report of Injury Incident – 02/07/2012

Mr. Kingsolver:

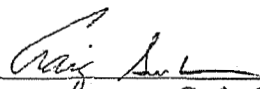
Enclosed is JPEC's seven (7) day summary report of the injury incident that occurred on JPEC's facilities on February 7, 2012. This incident involved a roofer getting "shocked" while working on a building.

We have included all of the information you requested in our meeting at JPEC's facilities on February 9, 2012.

If you have any questions or need additional information, please let us know.

Sincerely,

JACKSON PURCHASE ENERGY CORPORATION

By   
Craig Gerke  
Interim Vice President of Engineering



Your Touchstone Energy® Partner  
The power of human connections

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Incident Time: It is believed that the incident occurred on 2/7/2012 at 1:45 p.m. CST. However, JPEC has not been able to confirm this information.

Utility Investigation Began: 2/8/2012 at 11:30 a.m. CST

P.S.C Notified: 2/8/2012 at 11:55 a.m. CST

P.S.C Investigated: 2/9/2012 at 9:00 a.m. CST

Incident Location: 4946 Reidland Rd.  
Paducah, KY  
McCracken County

**Summary of Incident**

At approximately 10:00 a.m. CST 02/08/2012, Jackson Purchase Energy Corporation ("JPEC") personnel became aware of a story that ran on the local 6:00 o'clock evening news on 02/07/2012 indicating that a person had been "shocked" while working on a roof in the Reidland Area. JPEC had not received notification of an incident and Murray Riley, JPEC's Safety Coordinator, began to investigate to determine if the power lines involved belonged to JPEC. After several phone calls, we were given an address for the incident by a local ambulance service and determined the power lines involved were JPEC's. JPEC reviewed outage logs and sequence of events for the substation recloser that serves the area and no events were recorded for the date of 02/07/2012. Much of the following information has come to JPEC as hearsay as JPEC was unable to obtain information from eyewitnesses as explained below.

At approximately 1:00 p.m., Mr. Riley arrived at the location of the incident and was met by JPEC Operations Manager and a JPEC service crew. The service crew began to examine the power line and discovered burn marks on the conductor. The marks were about twelve inches long and directly in line with the highest corner of the building roof. Burn marks were also discovered on a piece of roofing that had been fastened down. This piece was nailed down on the east side of the building.

The power line in question is a two phase primary line running approximately parallel to the roofline and is not over the building. The voltage of the primary line is 7.2kV line-to-ground. The service crew took measurements from the highest corner of the building roof to the primary line with the burn marks. See Attachment B for a list of all measurements taken.

According to the script from the local 6:00 p.m. news, a roofer was working on the building in question when a piece of roofing got into the power lines.

Ms. Debbie Clark was working inside the building where the incident occurred. She was unaware anything happened until an ambulance pulled into the driveway. Ms. Clark gave the time of the incident as approximately 1:45 p.m. 02/07/2012. She stated the injured person was carried away

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

in an ambulance and later air lifted to Nashville. She informed us that Gordon Roofing was working on the roof at the time of the incident and that the owner may have been the person involved. JPEC has confirmed the injured person was a Mr. Scott Gordon and he is the owner of Gordon Roofing.

**Summary of Personnel Affected**

According to the news transcript deputies reported the roofer was conscious but received second and third degree burns and was taken to a hospital for treatment.

JPEC contacted Mr. Gordon on 02/14/2012 confirming that he was in fact the injured party and attempted to discuss the occurrence and his potential injuries. He stated to JPEC that he had received third degree burns but would not say where the burns were located. JPEC is not aware of any other injuries to the roofer.

**Damage Summary**

There was no damage to any property or equipment.

**Weather Conditions**

Incident Time - Mostly cloudy, approximately 50 degrees F, light wind  
Utility Investigation - Overcast, approximately 38 degrees F, windy  
See Attachment C.

**Witness Statements**

On 02/14/2012, as a result of a call into JPEC's dispatch center, JPEC contacted Mr. Scott Gordon, who was, in fact, the injured person and asked for a statement. Mr. Gordon confirmed to JPEC that he is the owner of the company, Gordon Roofing, and they were working on the building at the time of the incident. He indicated there were three other employees present but would not give us their names. He stated he was on his knees putting a piece of roofing trim on the corner of the building. He stated that he never touched the conductor, but it arced over.

**Last Two Year System Inspection**

See Attachment E.

**Other Activity by Company**

See Attachment F.

**Outage Information as a Result of Incident**

JPEC did not experience an interruption of service because of the incident.

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

System Protective Device: Cutout – 50 amp type K fuse

**Construction Dates of Involved Facilities**

JPEC has not been able to determine the exact construction date of the span of conductor involved at this time. JPEC distribution maps revised in 1976 show the span as existing. The building involved has a connect date of 1/03/1983.

**Additional Information**

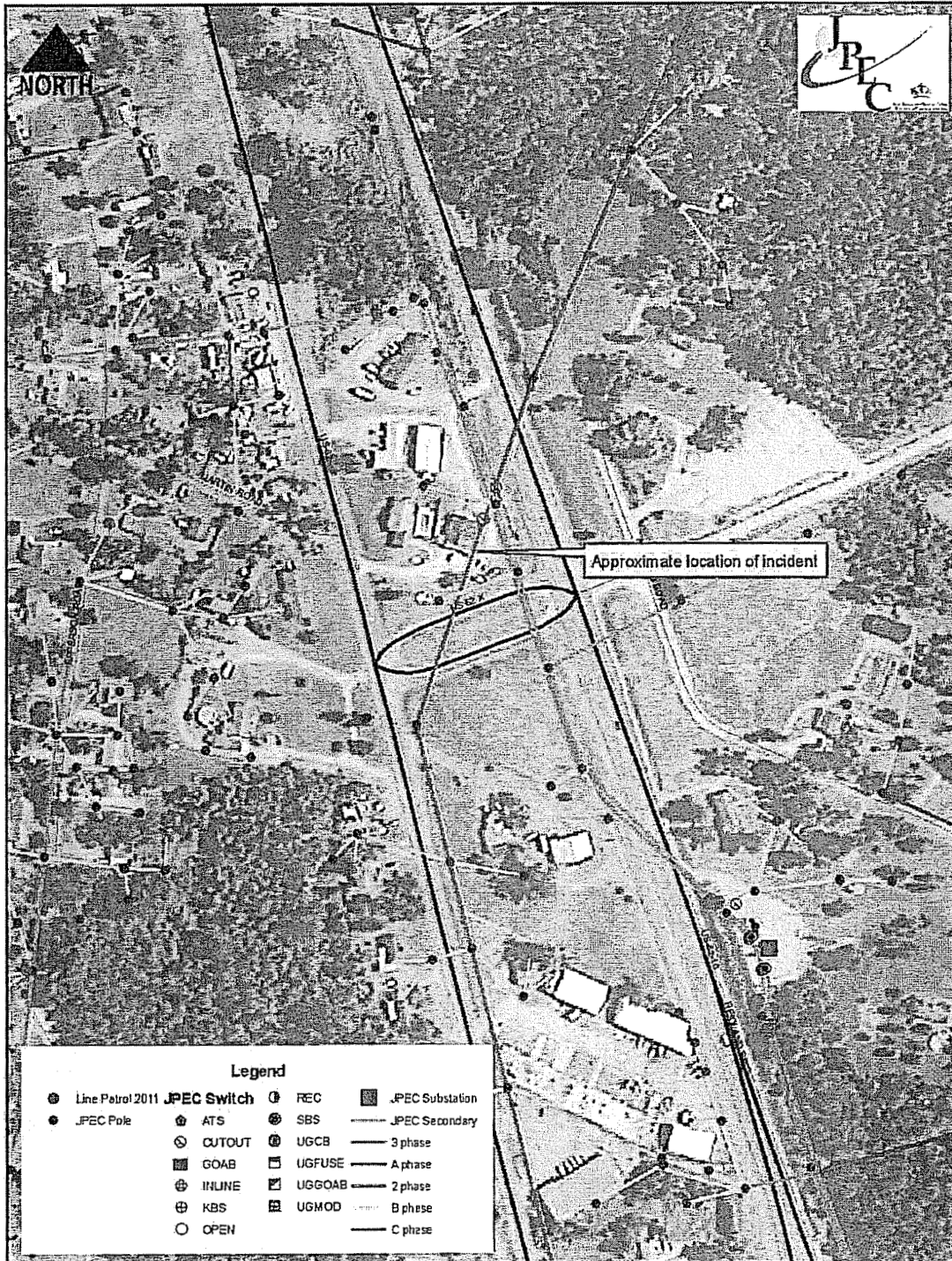
On the afternoon of 02/09/2012, JPEC was informed by Ms. Debbie Clark, that the roofing company involved was returning the next morning to finish work. Since JPEC had received notification that work may occur, it was decided to temporarily modify the primary span involved. See attachment G for measurements and pictures of the modification. The following morning, Mr. Murray Riley and an Operations Supervisor visited the location try to take witness statements, however the roofing company was not present.

**List of Attachments**

- A. Map of Area with Satellite Imagery
- B. Measurements
- C. Climate reports from National Weather Service in Paducah
- D. Pictures of incident location
- E. Last Two Year System Inspection for Area
- F. Other Activity by Company
- G. Temporary Modification of Incident Location
- H. Transcript from Local News

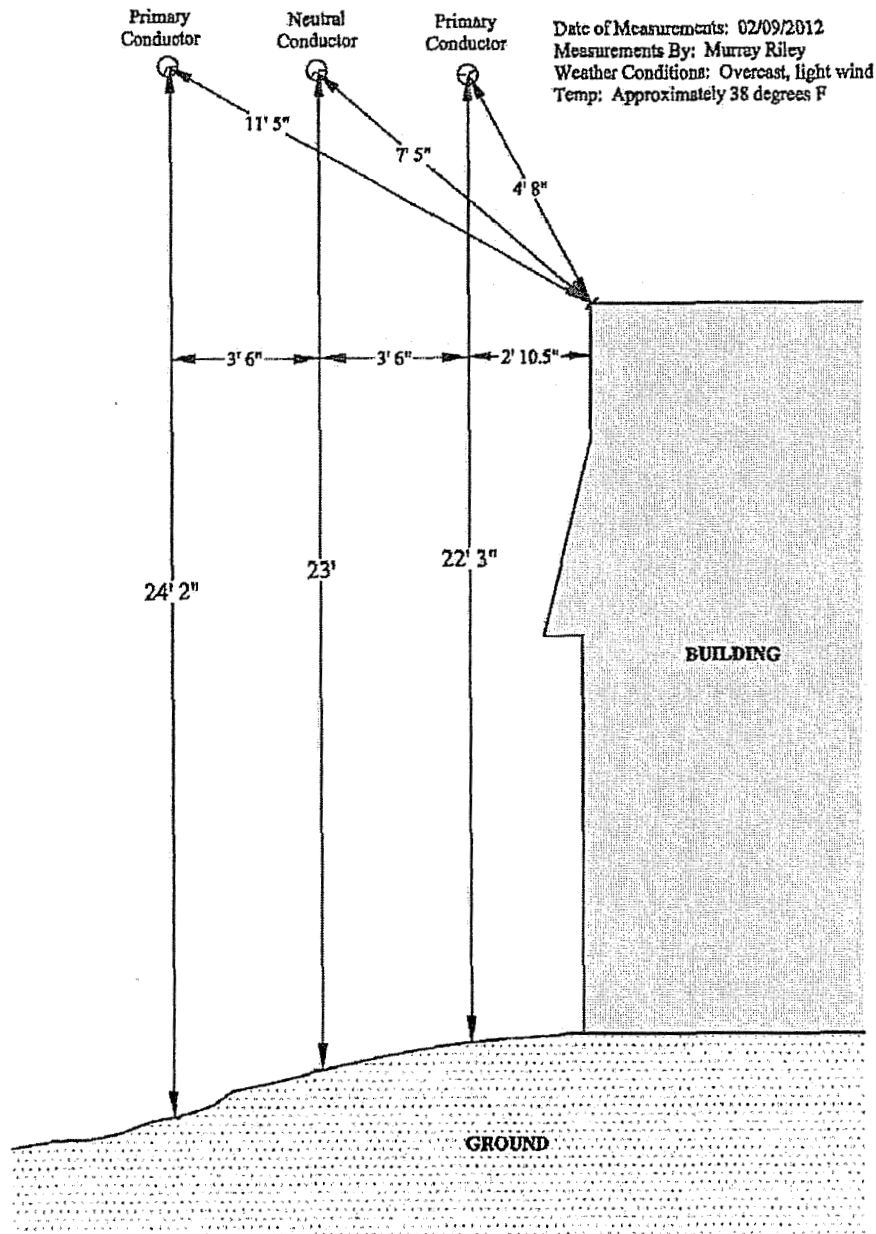
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment A  
 Map of Area with Satellite Imagery



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment B  
Measurements





**JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment C

Climate Reports from National Weather Service in Paducah

National Weather Service - Climate Data

<http://www.nws.noaa.gov/climate/getclimate.php?wfo=pat>

**These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and verified climate data can be accessed at the NCDC - <http://www.ncdc.noaa.gov>.**

**Climatological Report (Daily)**

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CDUS43 KPAH 080636  
CLLPAH

CLIMATE REPORT  
NATIONAL WEATHER SERVICE PADUCAH KY  
1232 AM CST WED FEB 8 2012

.....  
...THE PADUCAH KY CLIMATE SUMMARY FOR FEBRUARY 2012...

CLIMATE NORMAL PERIOD 1981 TO 2010  
CLIMATE RECORD PERIOD 1937 TO 2012

WEATHER ITEM	OBSERVED TIME VALUE	RECORD YEAR VALUE	RECORD YEAR	NORMAL VALUE	DEPARTURE FROM NORMAL	LAST YEAR
.....						
TEMPERATURE (F)						
YESTERDAY						
MAXIMUM	53 1:58 PM	66	1989	47	6	38
MINIMUM	27 7:20 AM	3	1982	28	-1	25
AVERAGE	40			37	3	32
PRECIPITATION (IN)						
YESTERDAY	1	1.08	1961	0.13	-0.13	0.51
MONTH TO DATE	1.11			0.99	0.12	1.39
SINCE DEC 1	11.95			9.26	2.69	4.75
SINCE JAN 1	4.66			4.67	-0.01	2.53
SNOWFALL (IN)						
YESTERDAY	0.0	5.0	2011	0.1	-0.1	6.0
MONTH TO DATE	0.0			0.9	-0.9	6.5
SINCE DEC 1	0.1			6.1	-6.0	16.4
SINCE JUL 1	0.4			6.2	-5.8	16.4
SNOW DEPTH	0					
DEGREE DAYS						
HEATING						
YESTERDAY	35			28	-3	23
MONTH TO DATE	126			200	-72	237
SINCE DEC 1	1610		1996	-386		2284
SINCE JUL 1	2300		2773	-473		2980
COOLING						
YESTERDAY	0			0	0	0
MONTH TO DATE	0			0	0	0
SINCE DEC 1	0			0	0	0
SINCE JAN 1	0			0	0	0
.....						

JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment C

Climate Reports from National Weather Service in Paducah

National Weather Service - Climate Data

<http://www.nws.noaa.gov/climate/getclimate.php?wfo=pat>

WIND (MPH)  
HIGHEST WIND SPEED 10 HIGHEST WIND DIRECTION W (250)  
HIGHEST GUST SPEED 13 HIGHEST GUST DIRECTION W (250)  
AVERAGE WIND SPEED 1.8

SKY COVER  
POSSIBLE SUNSHINE MM  
AVERAGE SKY COVER 0.4

WEATHER CONDITIONS  
THE FOLLOWING WEATHER WAS RECORDED YESTERDAY.  
LIGHT RAIN  
FOG  
HAZE

RELATIVE HUMIDITY (PERCENT)  
HIGHEST 100 800 AM  
LOWEST 44 1200 PM  
AVERAGE 72

.....  
THE PADUCAH KY CLIMATE NORMALS FOR TODAY

	NORMAL	RECORD	YEAR
MAXIMUM TEMPERATURE (F)	47	70	2009 2001
MINIMUM TEMPERATURE (F)	28	-1	1985

SUNRISE AND SUNSET  
FEBRUARY 8 2012.....SUNRISE 652 AM CST SUNSET 577 PM CST  
FEBRUARY 9 2012.....SUNRISE 651 AM CST SUNSET 528 PM CST

- INDICATES NEGATIVE NUMBERS.  
R INDICATES RECORD WAS SET OR TIED.  
MM INDICATES DATA IS MISSING.  
T INDICATES TRACE AMOUNT.

46

\*\*\*\*\* AGRICULTURAL DATA \*\*\*\*\*

SOIL TEMPERATURES AT A DEPTH OF FOUR INCHES

UNDER BARE GROUND... MAX: 44 MIN: 34  
UNDER GRASS..... MAX: 46 MIN: 45

\*\*\*\*\* DATA FOR CAPE GIRARDEAU MISSOURI FOR 2/7/2012 \*\*\*\*\*

HIGH: 51 LOW: 28 PRECIPITATION: 0.01 INCHES

JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment C

Climate Reports from National Weather Service in Paducah

National Weather Service - Climate Data

<http://www.nws.noaa.gov/climate/getclimate.php?wfo=pad>

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The U.S. Naval Observatory (USNO) computes astronomical data. Therefore, the NWS does not record, certify, or authenticate astronomical data. Computed times of sunrise, sunset, moonrise, moonset; and twilight, moon phases and other astronomical data are available from USNO's Astronomical Applications Department (<http://www.usno.navy.mil>). See <http://www.usno.navy.mil/USNO/astronomical-applications/astronomical-information-center/litigation> for information on using these data for legal purposes.

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment C

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National Weather Service - Climate Data

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**Climatological Report (Daily)**

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CDUS43 KEAH 090632  
CLIEAH

CLIMATE REPORT  
NATIONAL WEATHER SERVICE PADUCAH KY  
1230 AM CST THU FEB 9 2012

.....  
...THE PADUCAH KY CLIMATE SUMMARY FOR FEBRUARY 8, 2012...

CLIMATE NORMAL PERIOD 1981 TO 2010  
CLIMATE RECORD PERIOD 1837 TO 2012

WEATHER ITEM	OBSERVED TIME VALUE	(LST)	RECORD VALUE	YEAR	NORMAL VALUE	DEPARTURE FROM NORMAL	LAST YEAR
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.....  
TEMPERATURE (F)

YESTERDAY							
MAXIMUM	43	1239 AM	70	2009	47	-4	26
				2001			
MINIMUM	32	855 PM	-1	1985	28	4	19
AVERAGE	36				27	1	24

PRECIPITATION (IN)

YESTERDAY	0.01		1.00	1945	0.14	-0.13	T
MONTH TO DATE	1.12				1.13	-0.01	1.39
SINCE DEC 1	11.96				9.40	2.56	4.75
SINCE JAN 1	4.67				4.01	-0.14	2.53

SNOWFALL (IN)

YESTERDAY	0.0		3.6	1920	0.1	-0.1	T
MONTH TO DATE	0.0				1.0	-1.0	6.5
SINCE DEC 1	0.1				6.2	-6.1	16.4
SINCE JUL 1	0.4				6.3	-5.9	15.4
SNOW DEPTH	0						

DEGREE DAYS

HEATING

YESTERDAY	27				20	-1	41
MONTH TO DATE	155				228	-73	276
SINCE DEC 1	1637				2024	-387	2325
SINCE JUL 1	2327				2801	-474	3021

COOLING

YESTERDAY	0				0	0	0
MONTH TO DATE	0				0	0	0
SINCE DEC 1	0				0	0	0
SINCE JAN 1	0				0	0	0

.....

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment C

Climate Reports from National Weather Service in Paducah

National Weather Service - Climate Data

<http://www.nws.noaa.gov/climate/getclimate.php?wfo=pad>

WIND (MPH)  
 HIGHEST WIND SPEED 14 HIGHEST WIND DIRECTION N (350)  
 HIGHEST GUST SPEED 18 HIGHEST GUST DIRECTION N (350)  
 AVERAGE WIND SPEED 7.1

SKY COVER  
 POSSIBLE SUNSHINE 1M  
 AVERAGE SKY COVER 0.9

WEATHER CONDITIONS  
 THE FOLLOWING WEATHER WAS RECORDED YESTERDAY.  
 LIGHT RAIN  
 FOG  
 HAZE

RELATIVE HUMIDITY (PERCENT)  
 HIGHEST 92 700 AM  
 LOWEST 54 700 PM  
 AVERAGE 78

.....  
 THE PADUCAH KY CLIMATE NORMALS FOR TODAY

	NORMAL	RECORD	YEAR
MAXIMUM TEMPERATURE (F)	47	72	2009
MINIMUM TEMPERATURE (F)	26	-1	1979

SUNRISE AND SUNSET  
 FEBRUARY 9 2012.....SUNRISE 651 AM CST SUNSET 526 PM CST  
 FEBRUARY 10 2012.....SUNRISE 650 AM CST SUNSET 529 PM CST

- INDICATES NEGATIVE NUMBERS.  
 R INDICATES RECORD WAS SET OR TIED.  
 M INDICATES DATA IS MISSING.  
 T INDICATES TRACE AMOUNT.

..

\*\*\*\*\* AGRICULTURAL DATA \*\*\*\*\*

SOIL TEMPERATURES AT A DEPTH OF FOUR INCHES

UNDER BARE GROUND... MAX: 13 MIN: 13  
 UNDER GRASS..... MAX: 46 MIN: 44

\*\*\*\*\* DATA FOR CAPE GIRARDEAU MISSOURI FOR 2/8/2012 \*\*\*\*\*

HIGH: 41 LOW: 31 PRECIPITATION: TRACE

JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment C

Climate Reports from National Weather Service in Paducah

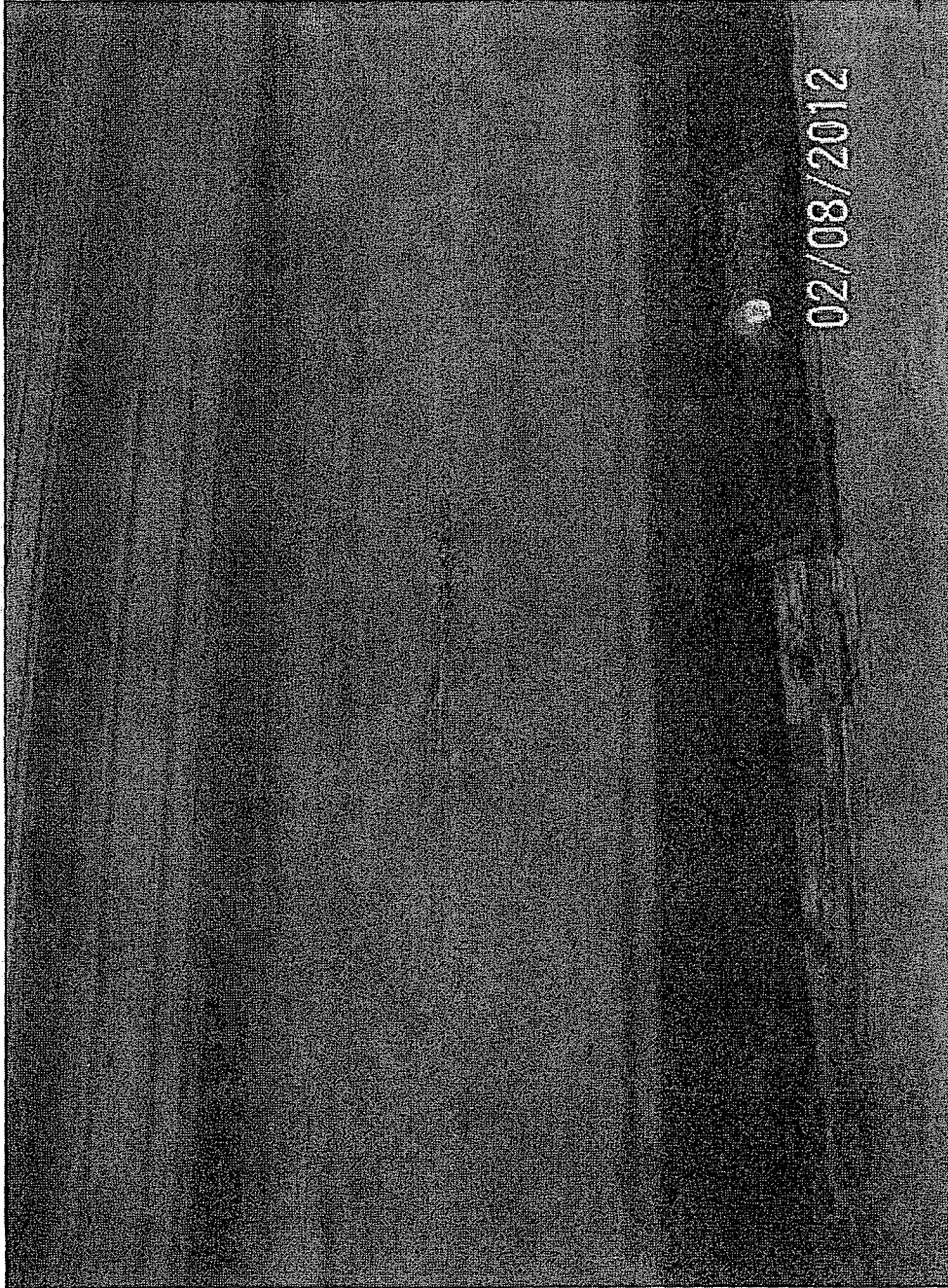
National Weather Service - Climate Data

<http://www.nws.noaa.gov/climate/getclimate.php?wfo=pah>

The U.S. Naval Observatory (USNO) computes astronomical data. Therefore, the NWS does not record, certify, or authenticate astronomical data. Computed times of sunrise, sunset, moonrise, moonset; and twilight, moon phases and other astronomical data are available from USNO's Astronomical Applications Department (<http://www.usno.navy.mil>). See <http://www.usno.navy.mil/USNO/astronomical-applications/astronomical-information-center/litigation> for information on using these data for legal purposes.

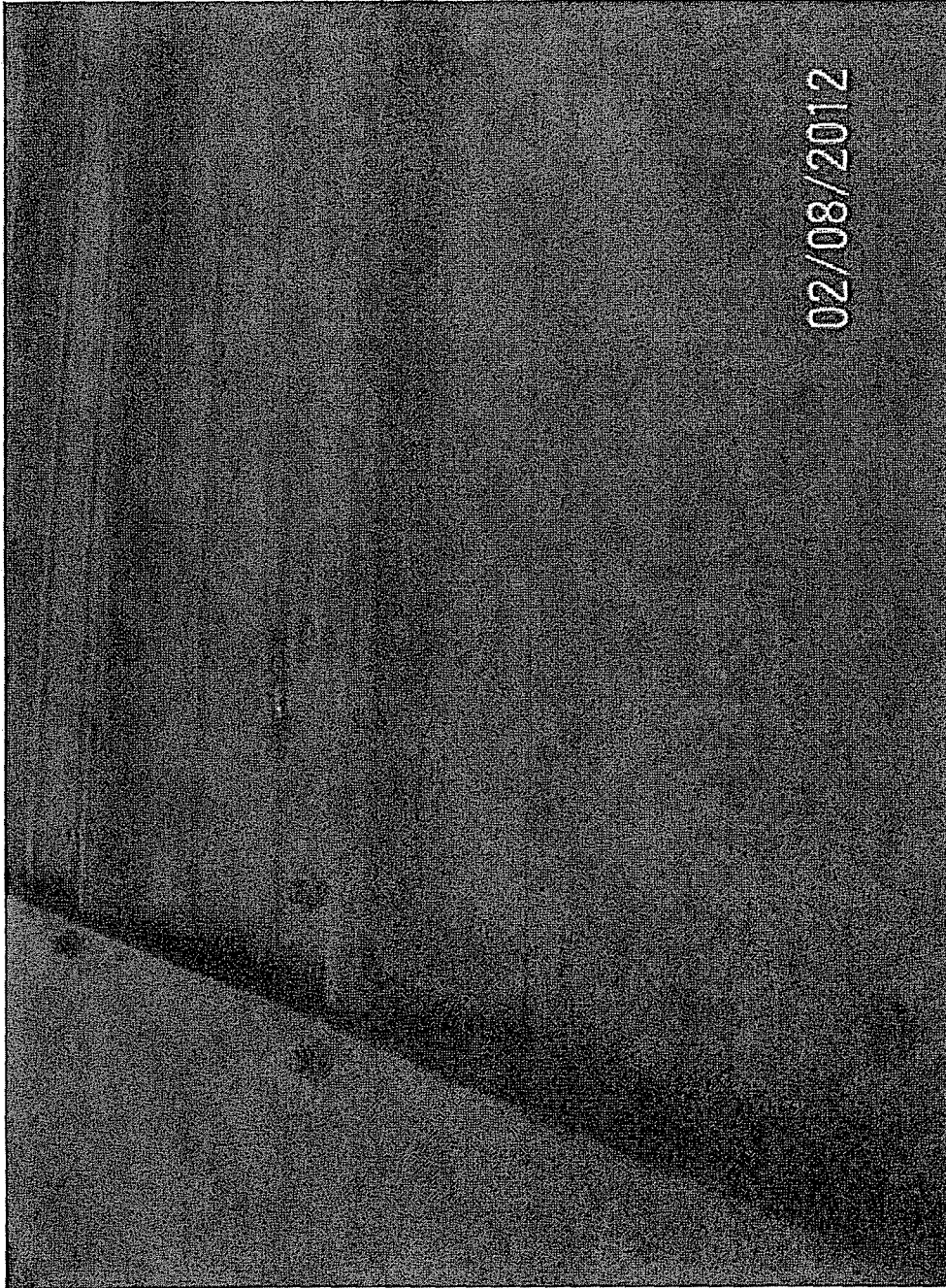
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Burn Mark #1 on Roofing Material attached to East Side of Building



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Burn Mark #2 on Roofing Material attached to East Side of Building

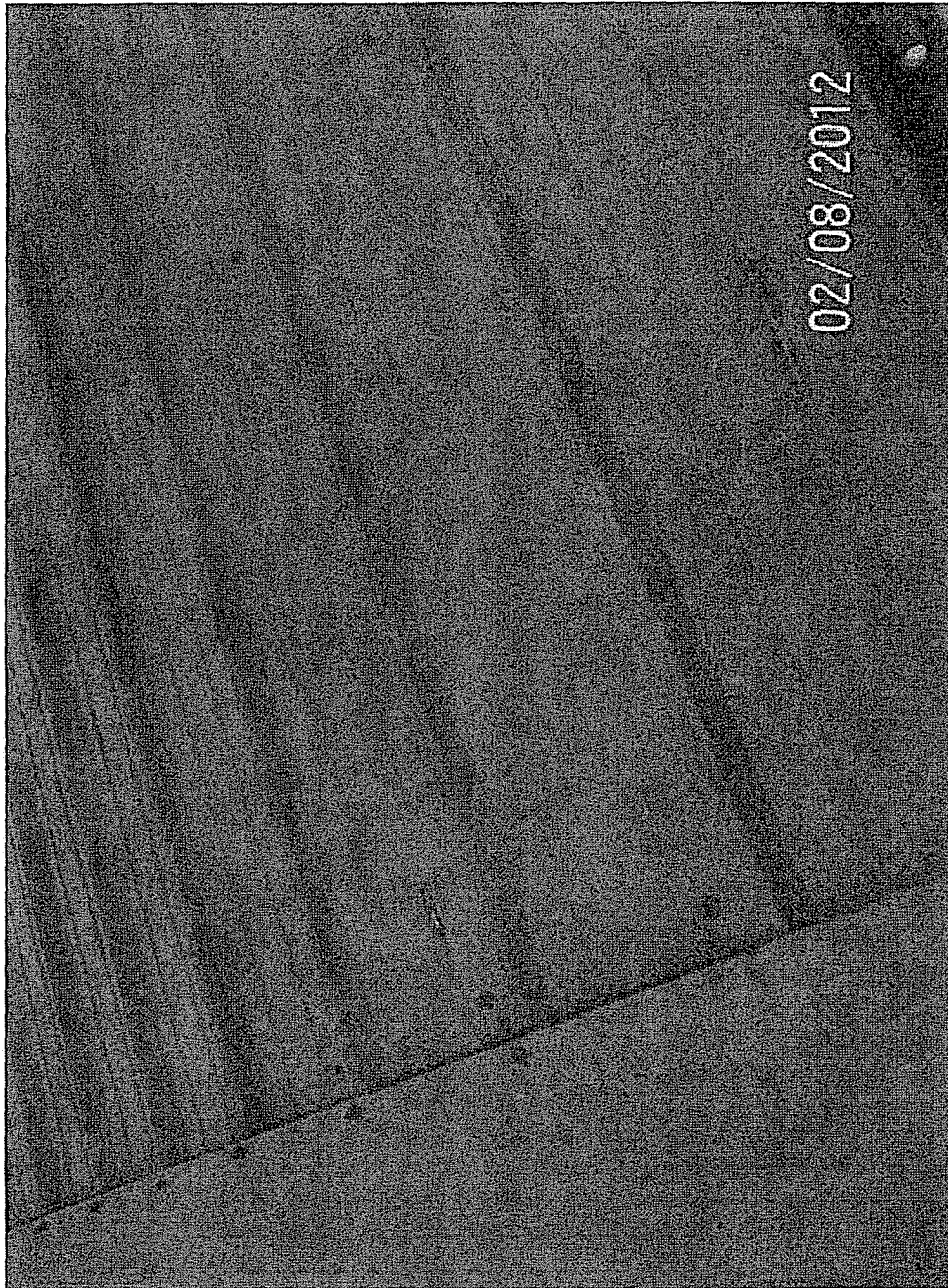




JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

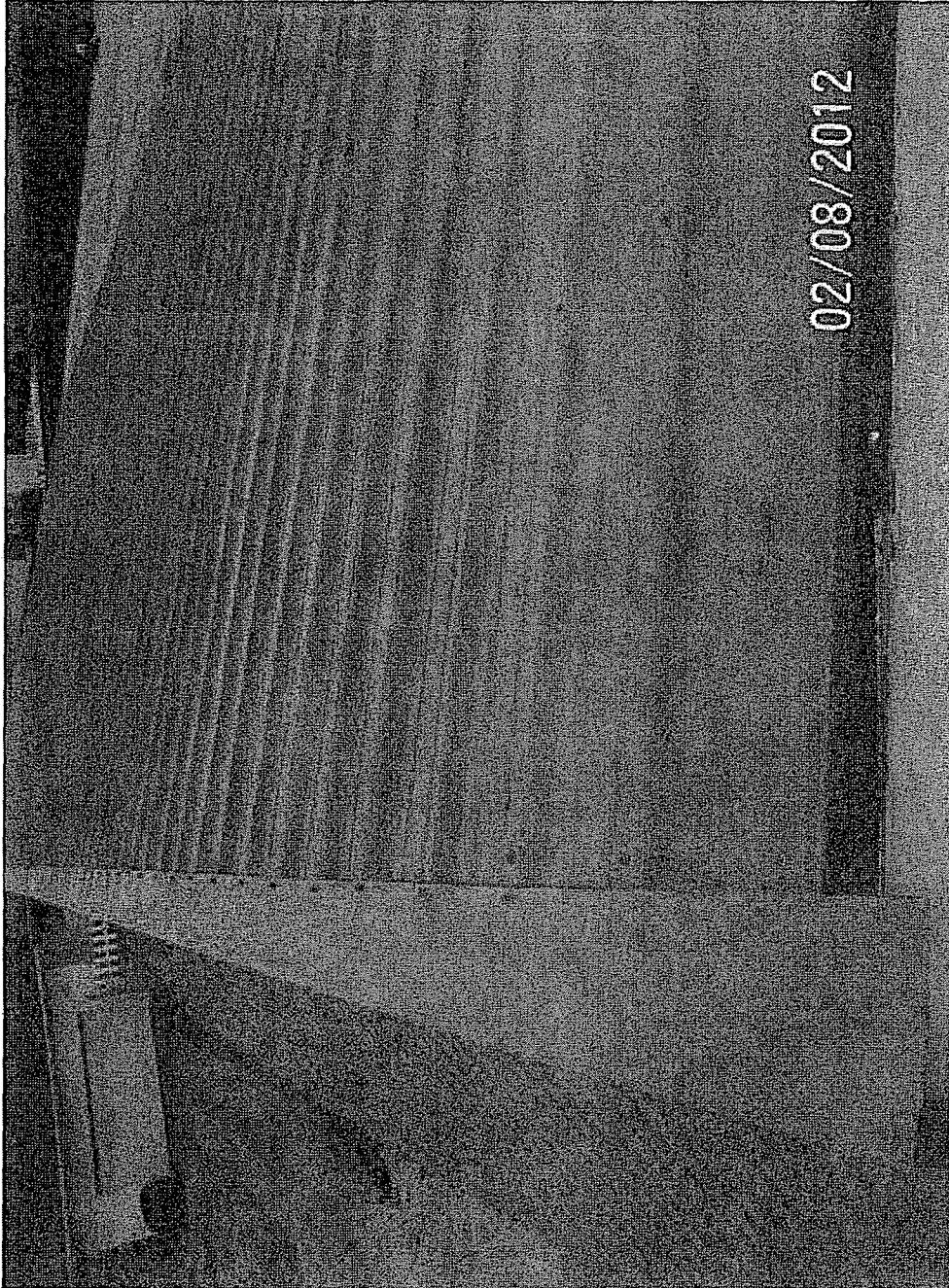
Attachment D

Burn Marks #1 & #2 on Roofing Material attached to East Side of Building



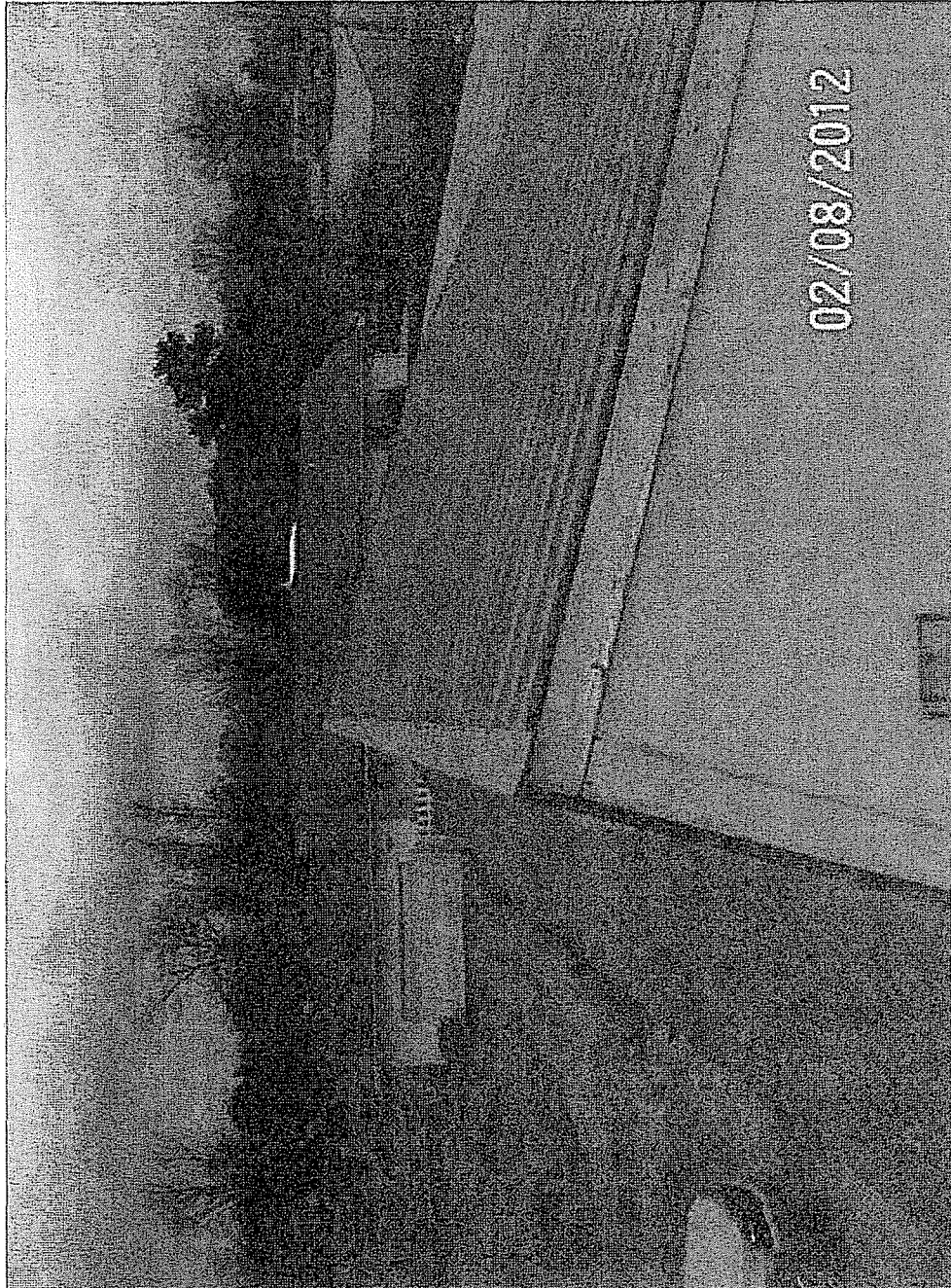
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Burn Marks #1 & #2 on Roofing Material attached to East Side of Building  
Facing Northwest



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

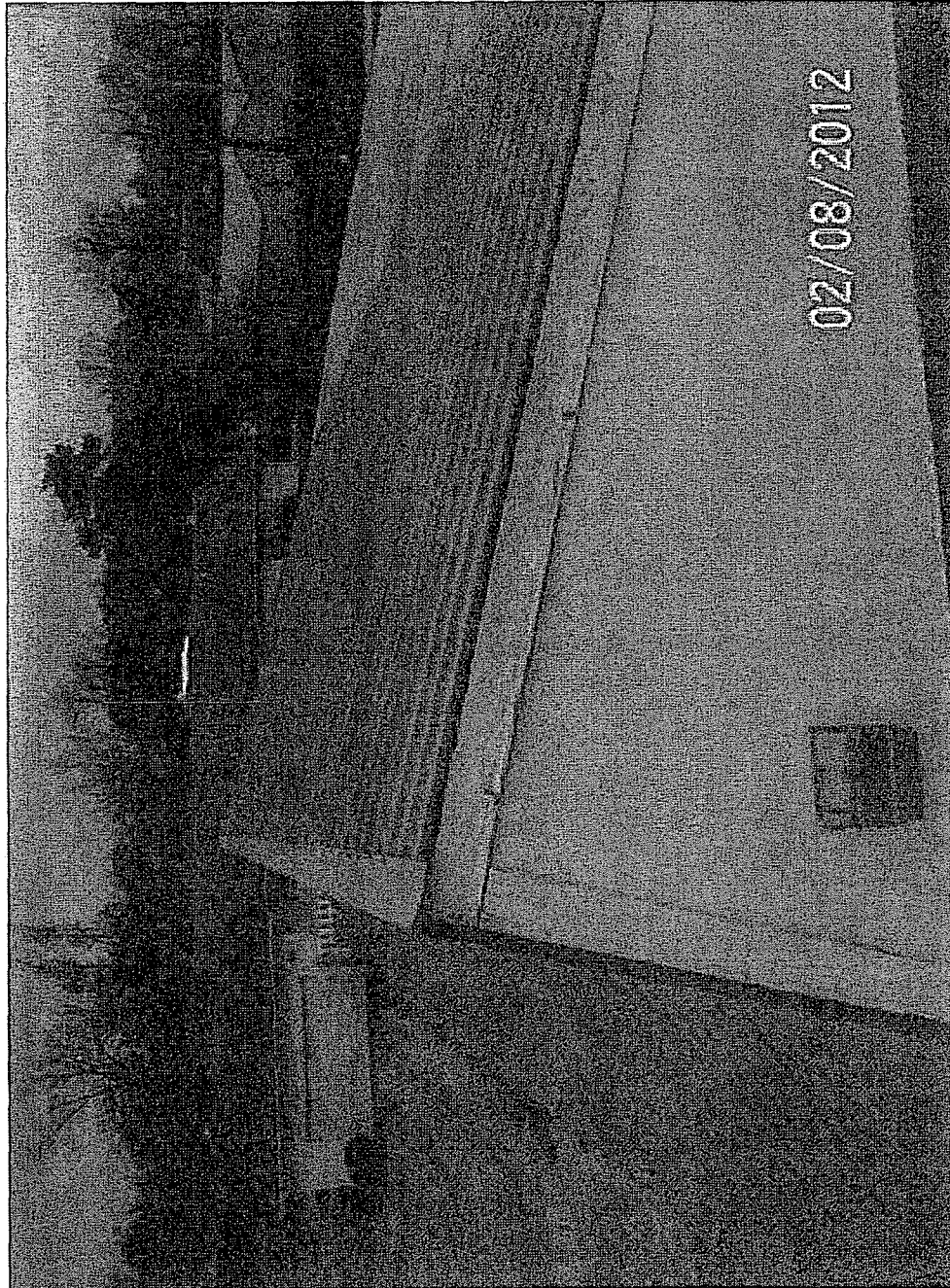
Attachment D  
Roofline of Building  
Facing Northwest





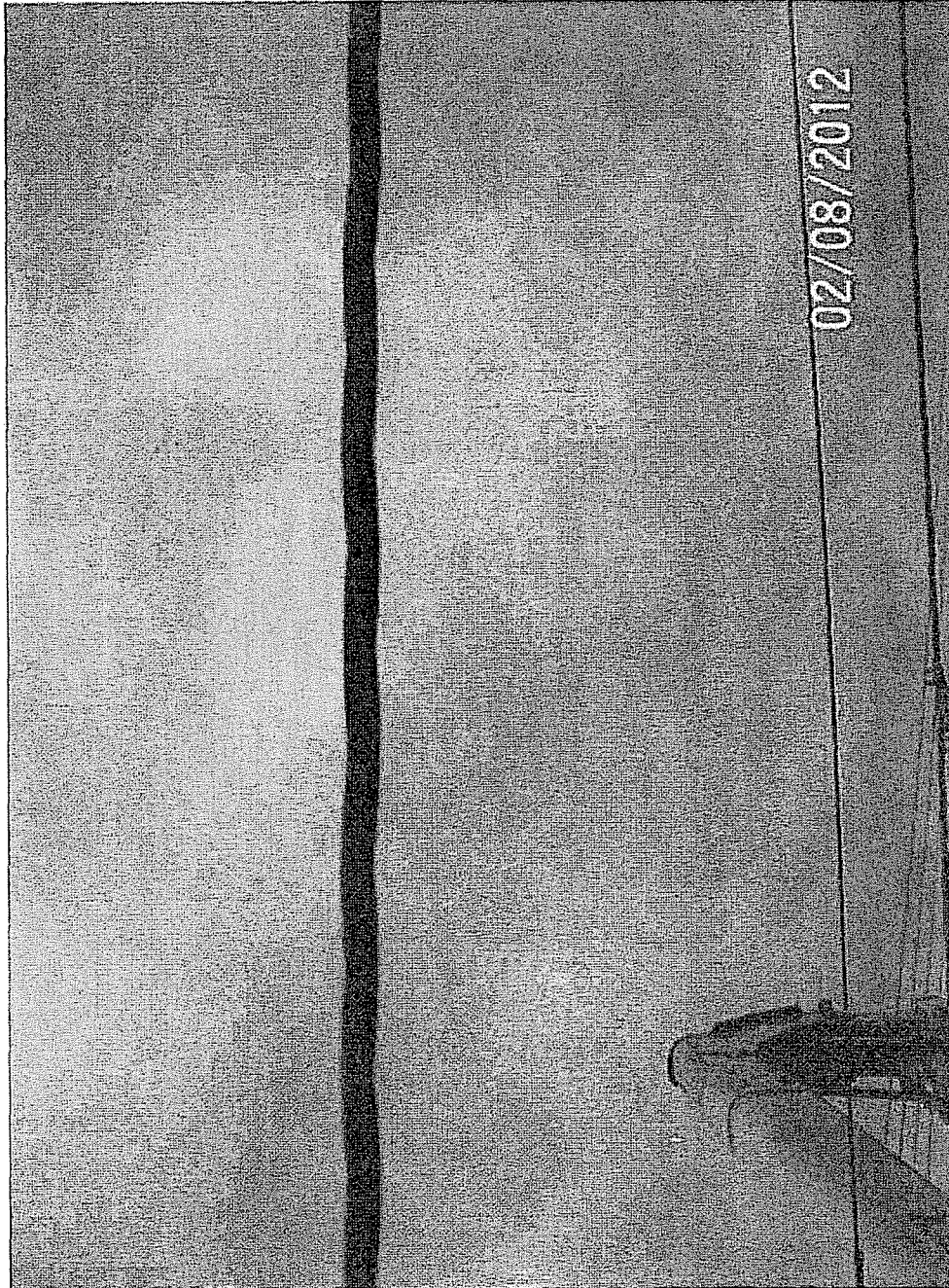
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Second Picture of Roofline of Building  
Facing Northwest



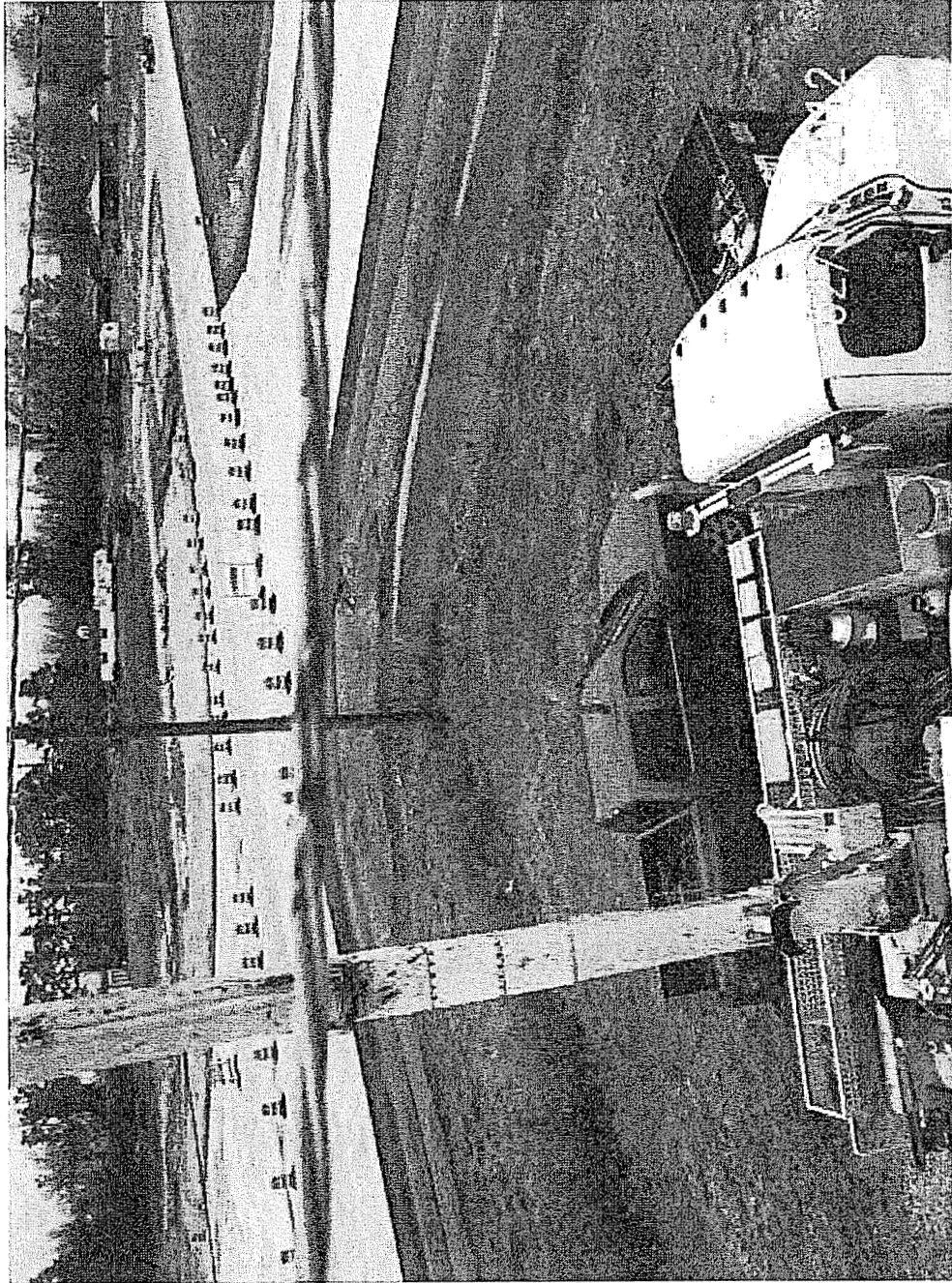
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Burn Marks on Conductor  
Facing Southeast



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

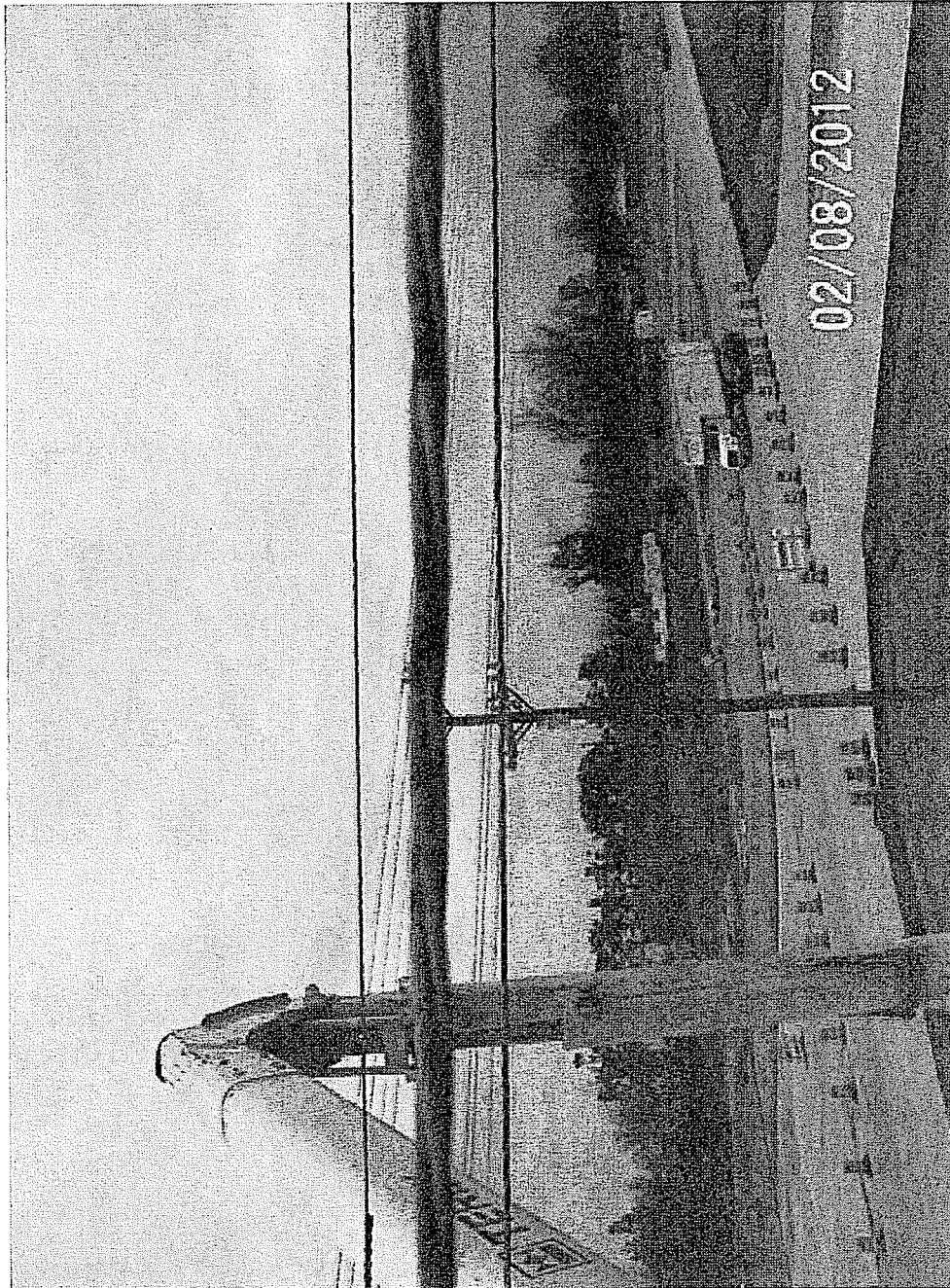
Attachment D  
Second Picture of Burn Marks on Conductor  
Facing Southeast





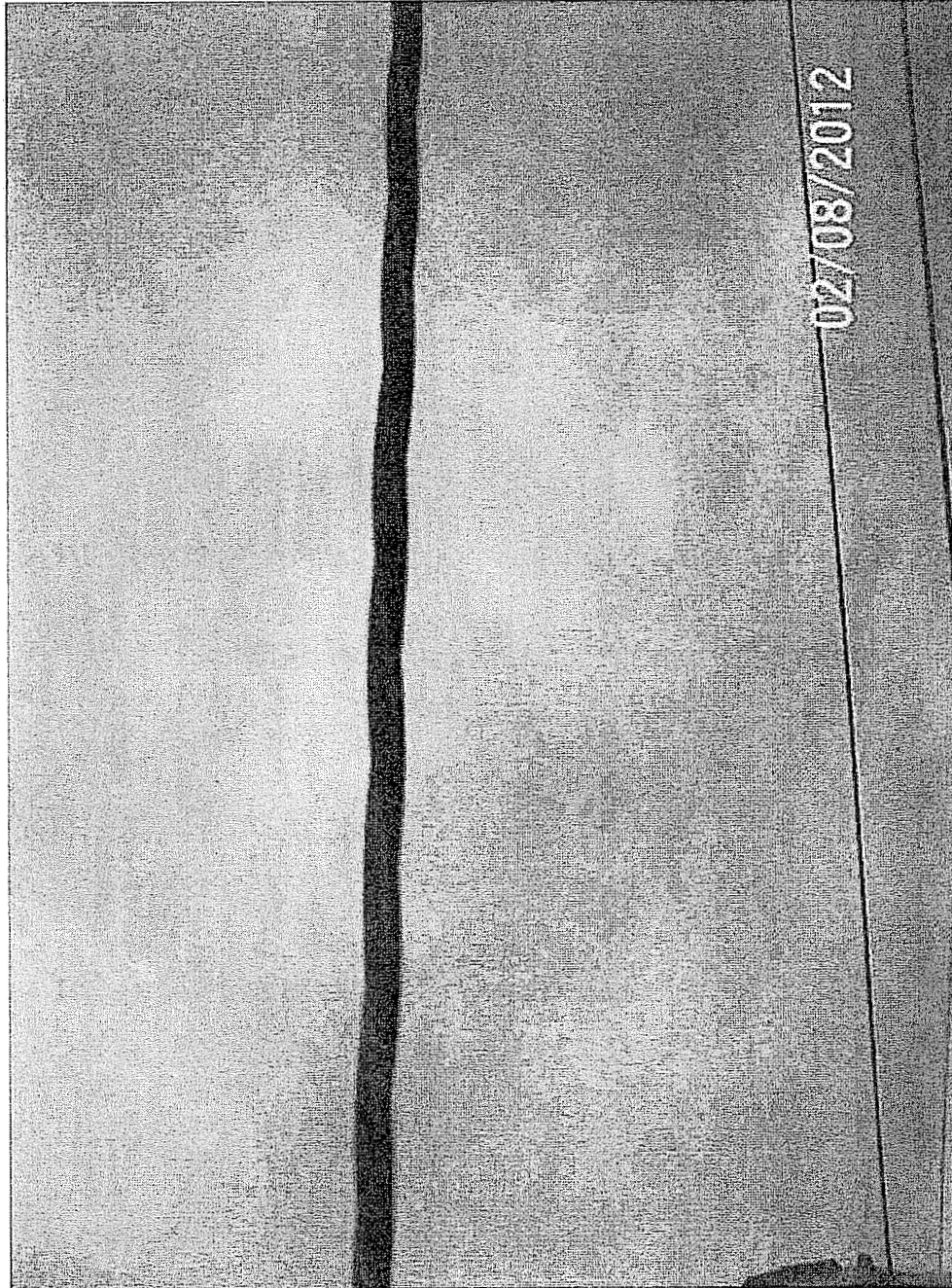
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Third Picture of Burn Marks on Conductor  
Facing Southeast



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

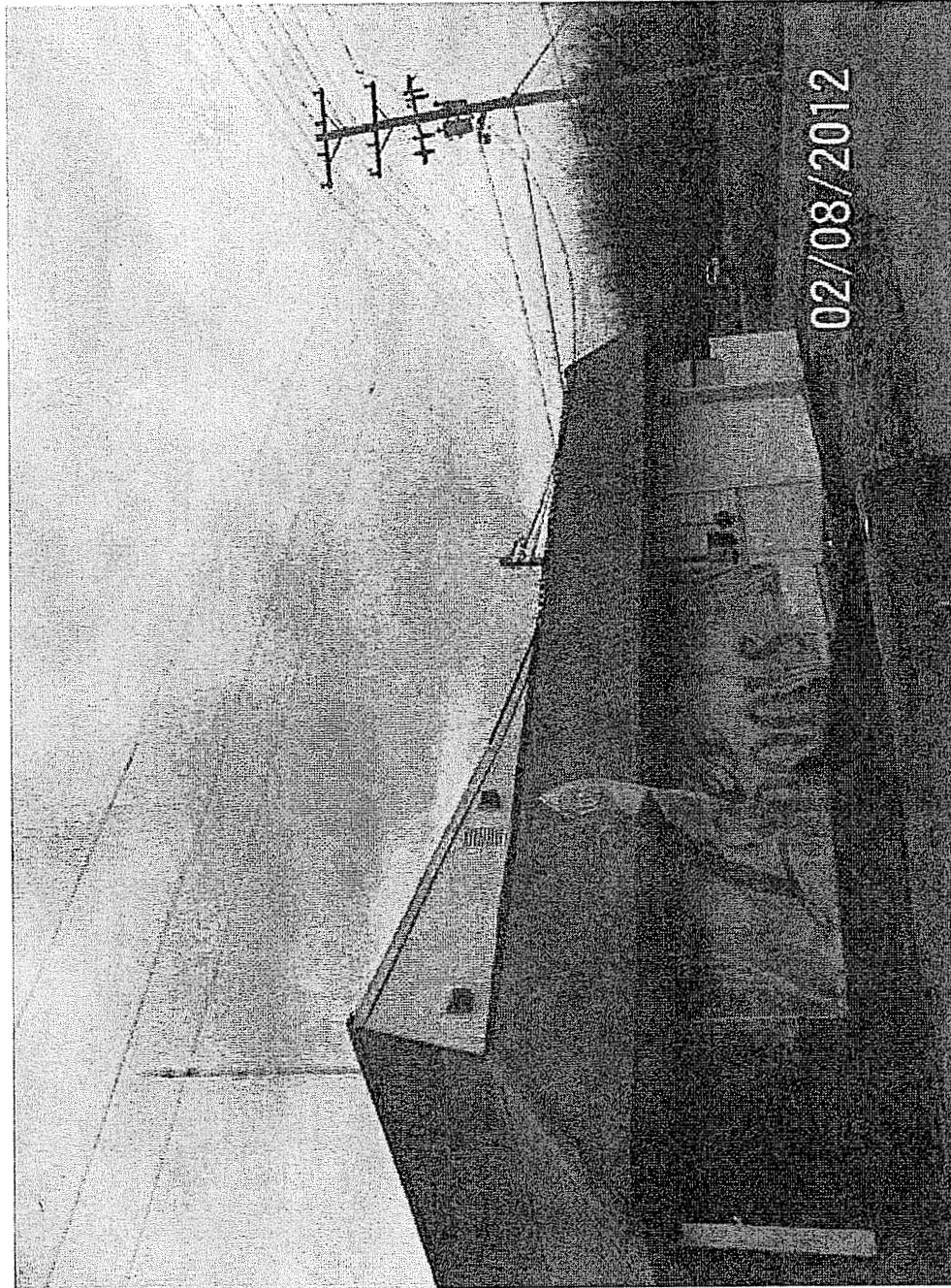
Attachment D  
Fourth Picture of Burn Marks on Conductor  
Facing Southeast





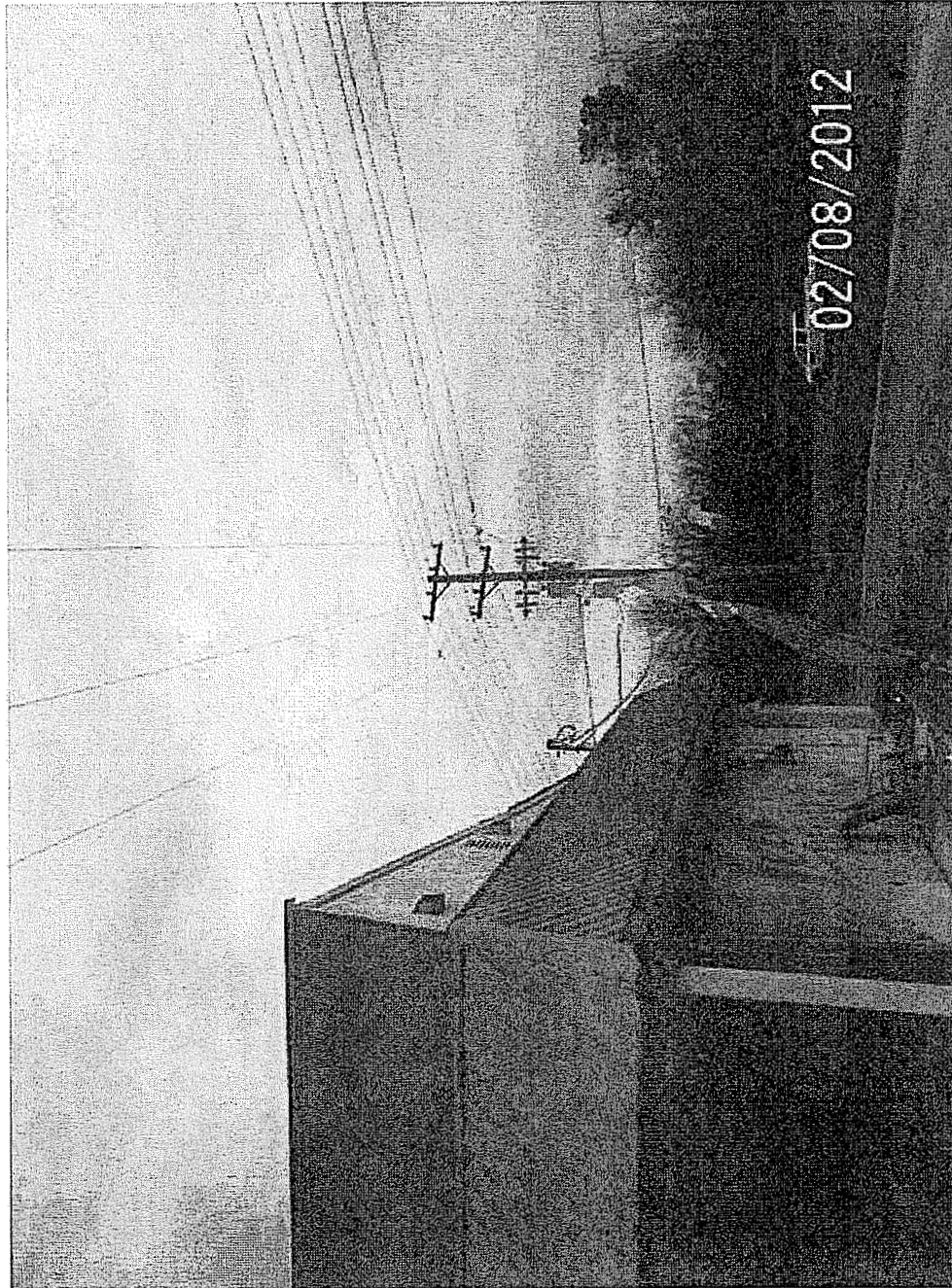
**JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment D  
Picture of Building and Overhead Primary  
Facing North



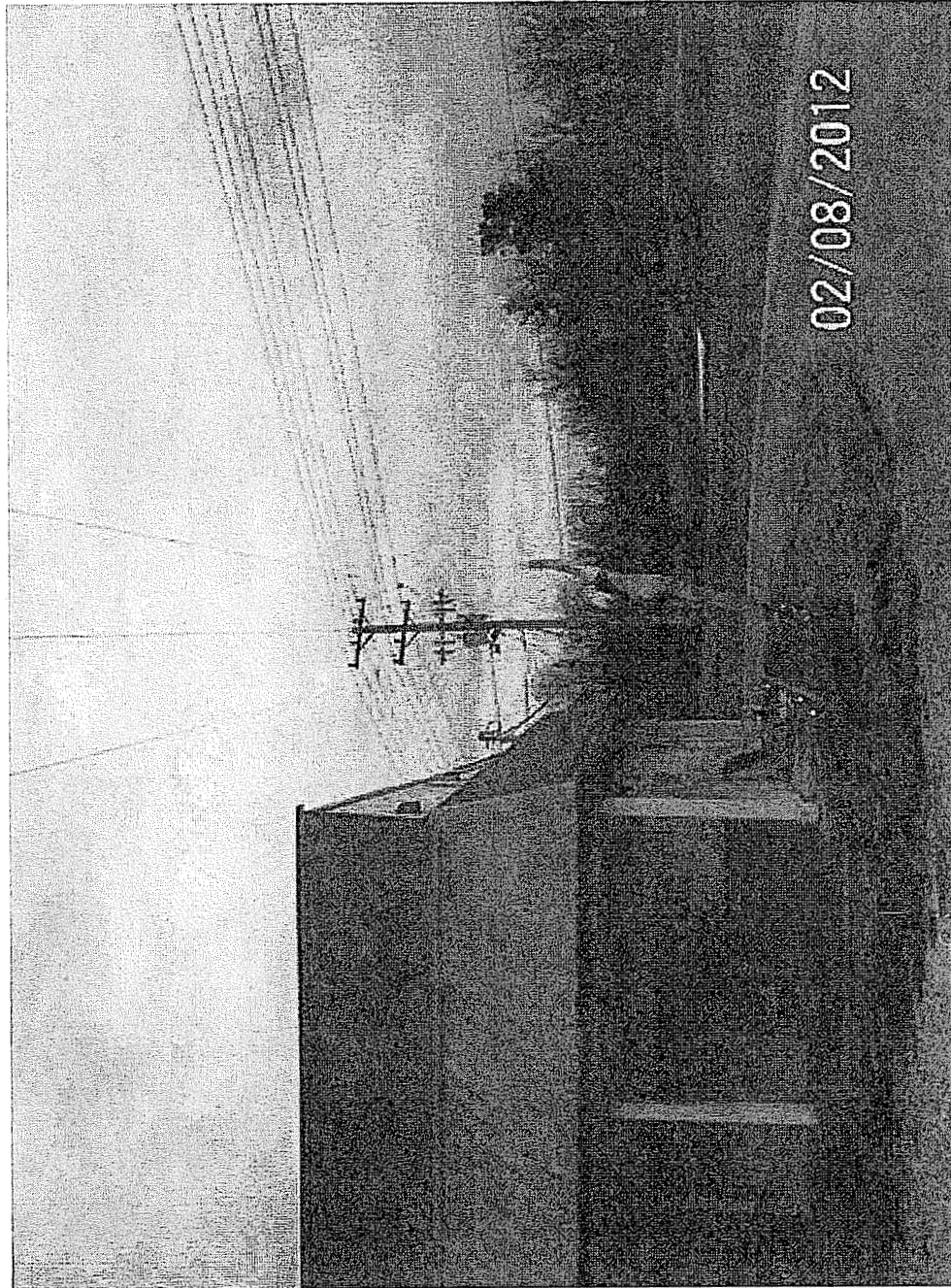
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Picture of Building and Overhead Primary  
Facing Northeast



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

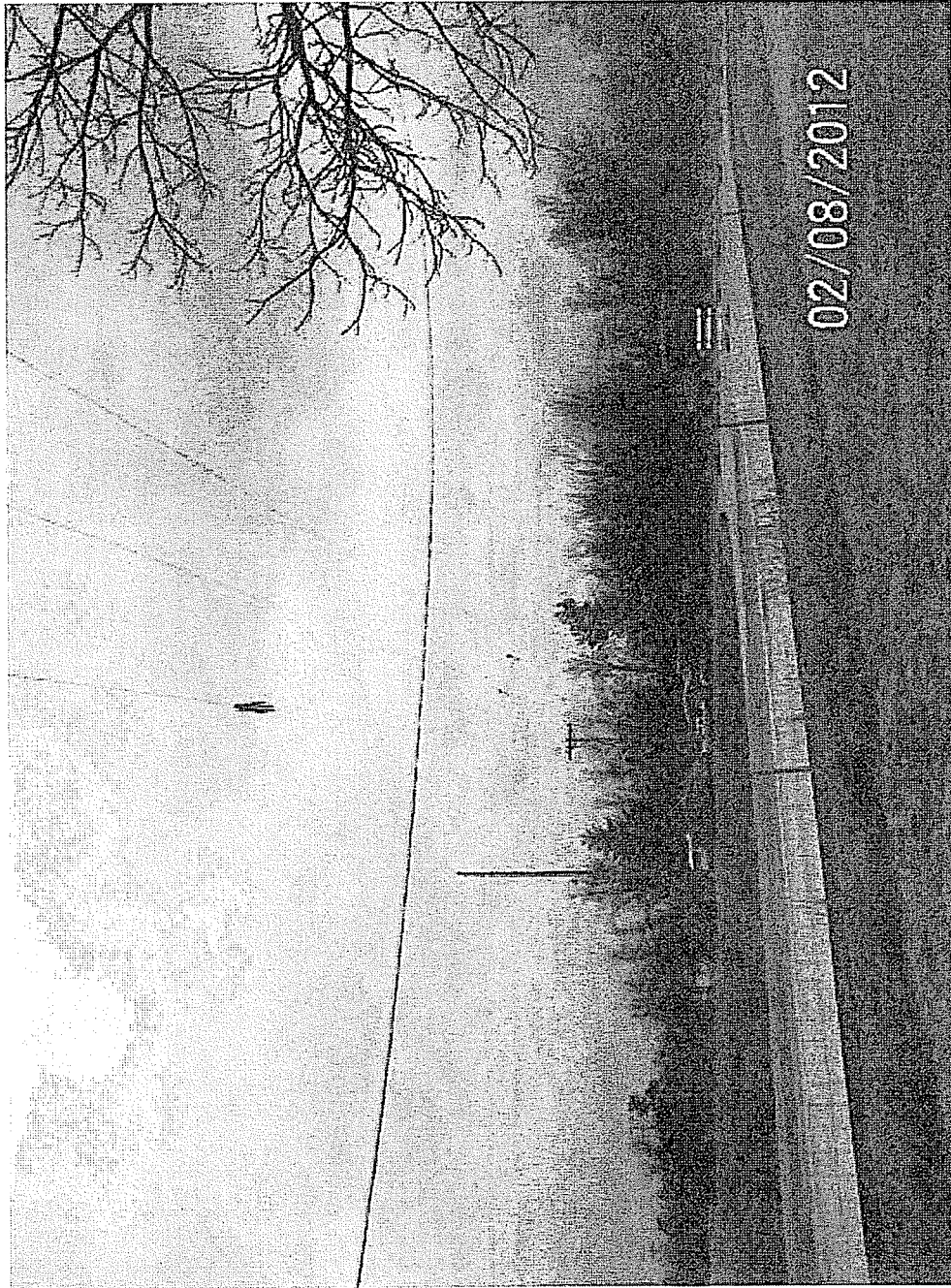
Attachment D  
Second Picture of Building and Overhead Primary  
Facing Northeast





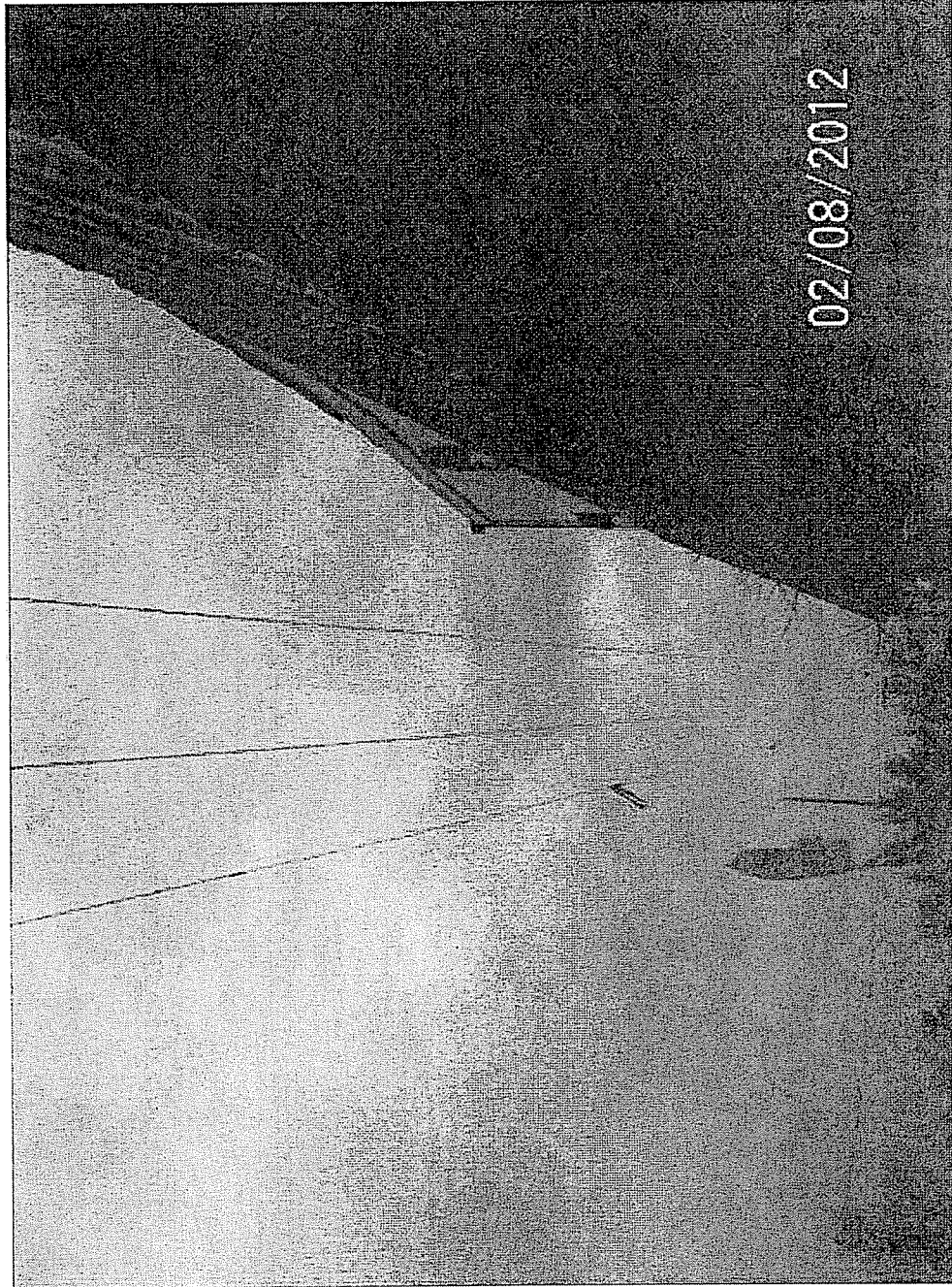
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Picture of Overhead Primary  
Facing Southwest



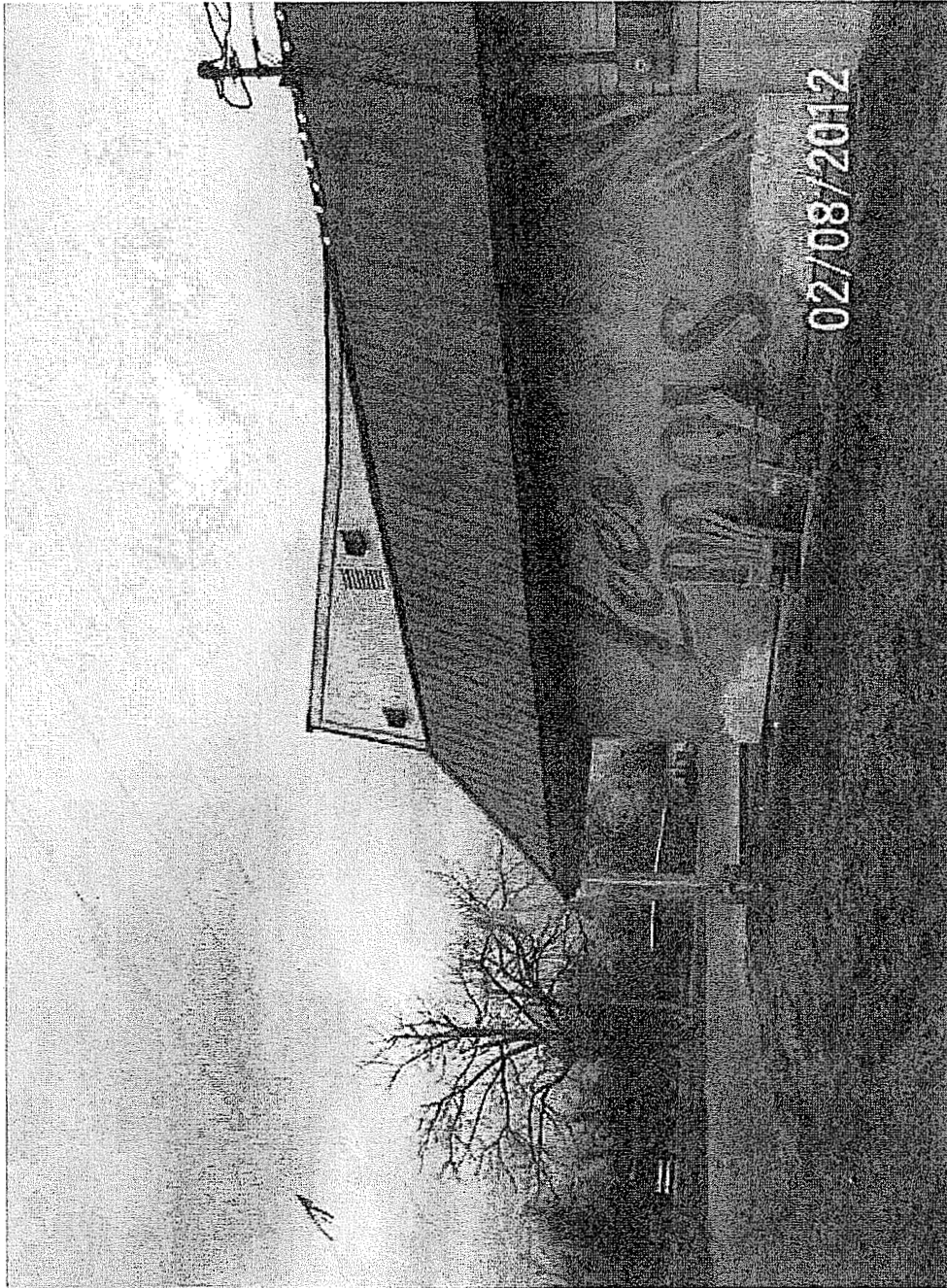
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Picture of Building and Overhead Primary  
Facing Southwest



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

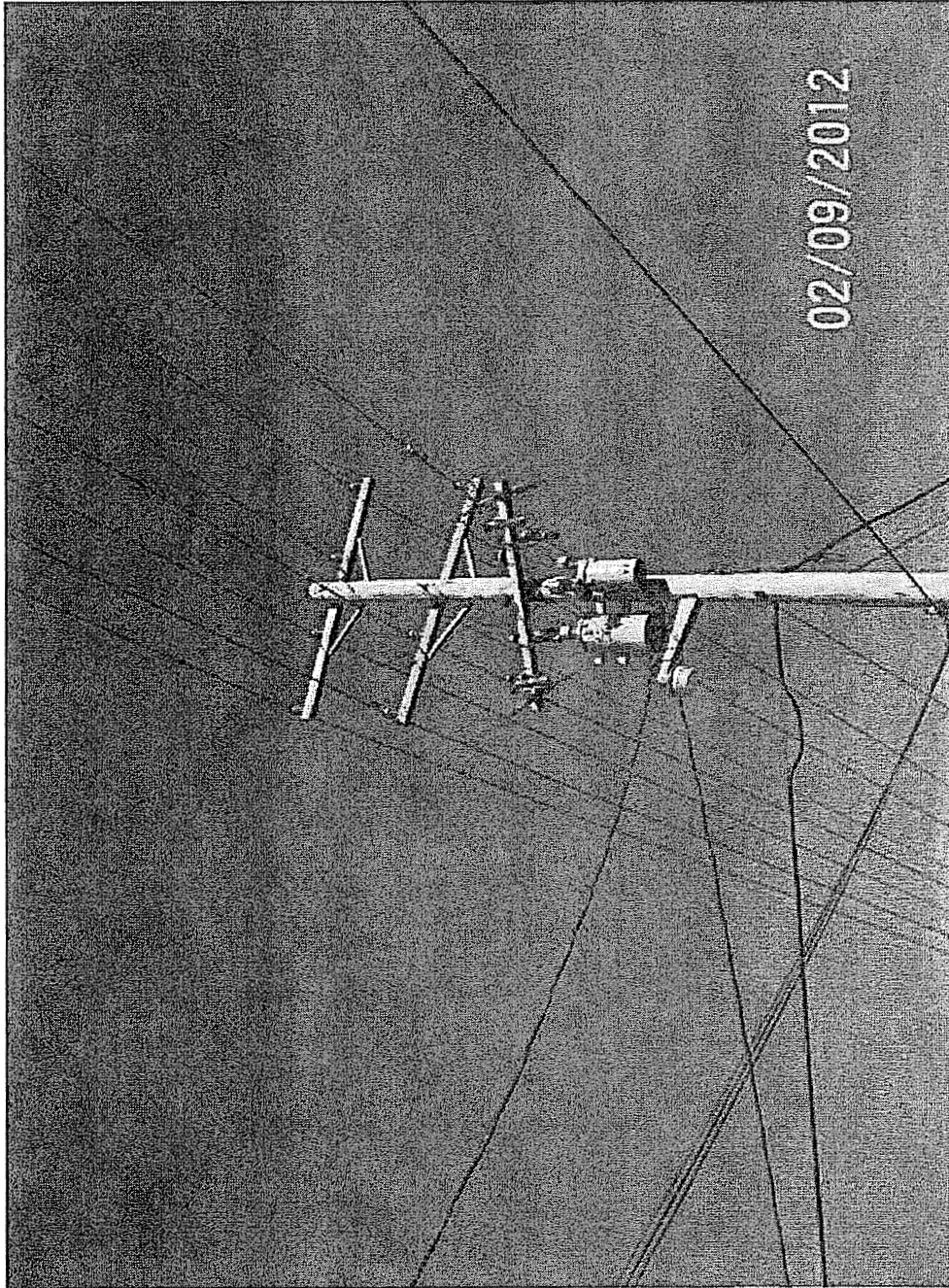
Attachment D  
Picture of Building and Overhead Primary  
Facing West





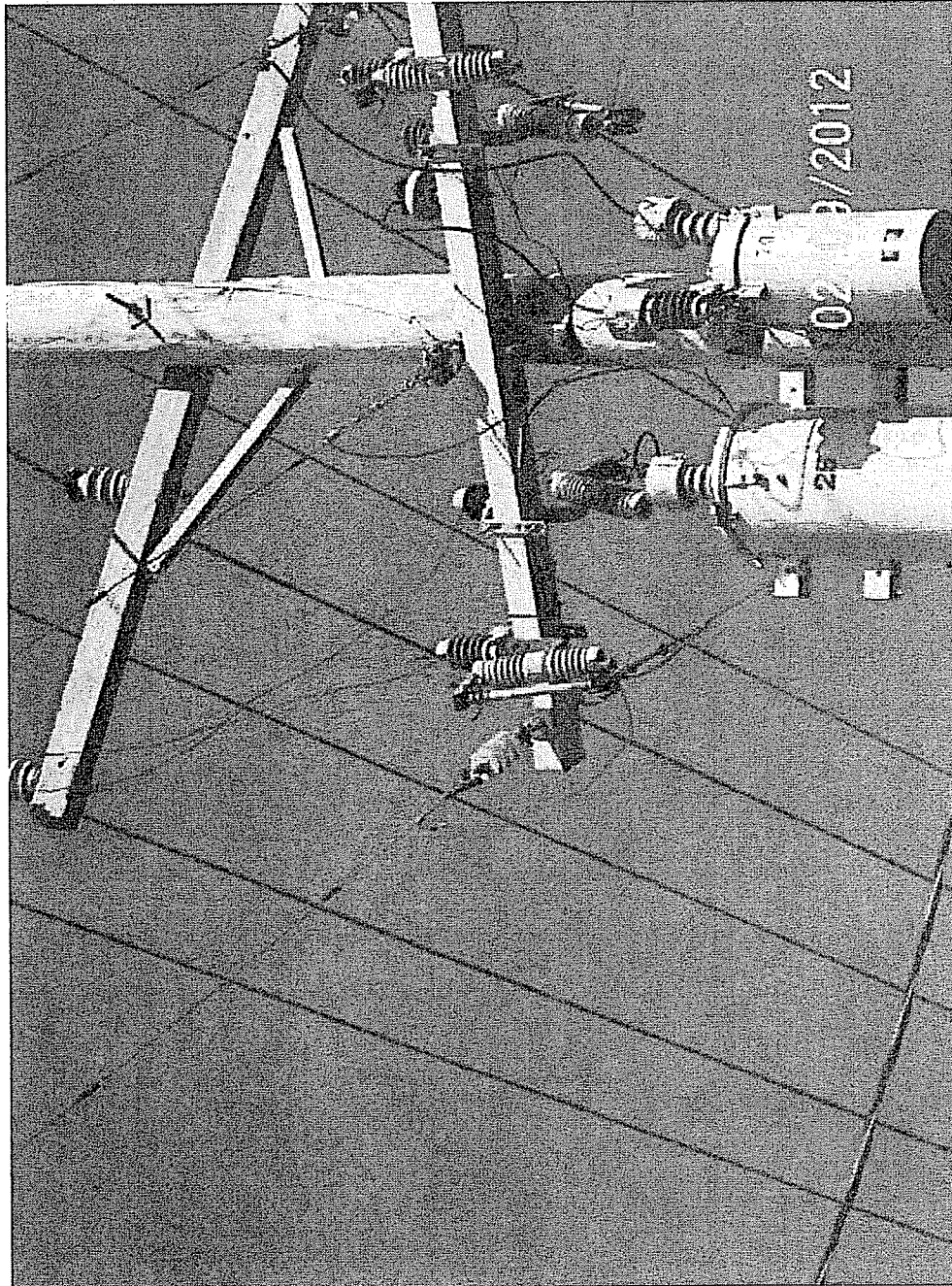
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Picture of Overhead Primary and Pole  
Facing Northeast



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment D  
Picture of Overhead Primary, Pole, Cutout, and Recloser  
Facing Northeast





JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment E  
 Last Two Year System Inspection for Area

Line Patrol- 2011-Overhead

Account No.	PrKey	Name	Date Reported	Reported by	Found	Assigned	Job Order #	Date Repaired	Crew	Solution
41056140	310408	Reidland / Epperson Rd	12/20/2011	MP	globe gone	maint.	11-33729	2/6/2012	17	replaced globe
41056032	310337	Reidland / Epperson Rd	12/20/2011	MP	unsat bolt looks loose	maint.	11-33730	2/6/2012	17	bolt is ok
41079023	310934	Reidland / Ken Mar Rd	12/20/2011	MP	replace pole, sap spitting	eng.	11-33726			
41069042	310842	Reidland / Kenmar	12/15/2011	MP	replace pole, top rotting out	eng.	11-33248			
41068008	310209	Reidland / Kenmar	12/15/2011	MP	broken guy-in water	maint.	11-33249			
41067080	310116	Reidland / Kenmar	12/15/2011	MP	ground cut at bottom	maint.	11-33250			
41067080	310117	Reidland / Kenmar	12/15/2011	MP	globe gone	maint.	11-33251			
41046115	310639	Reidland / Walker	12/20/2011	MP	globe twisted	maint.	11-33727	2/6/2012	17	light is ok
41035066	310606	Reidland / Walker	12/20/2011	MP	old meter pole needs replacing or reeling	eng.	11-33728			
41014008	310777	Reidland / Walker	12/21/2011	MP	one light is missing globe and bulb	maint.	11-33738	2/6/2012	17	not our light
41035022	310598	Reidland / Walker	12/21/2011	MP	pole sounds hollow at bottom	eng.	11-33739			
41036015	310578	Reidland / Walker	12/21/2011	MP	ol pole has a lean to it	maint.	11-33740	2/6/2012	17	customer didn't want us on his property



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F  
AMI Meter Change by STS



WO: 1042554 MTR: 30080259-09/27/2010-(3)



WO: 1042554 MTR: New-09/27/2010-(3)

JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F  
 AMI Meter Change by STS cont.

```

14:09:10 ACTIVE          LEVEL CONSUMER HISTORY JBL355 JBL355FM 2/10/12
4-41-056-159-00 1 Rate-CI KWH Mlt-00001 LevelIrd- 127.00 Today's Balance
STYERS/H LEE          Class-4 CrCd-2 Min Bill-                224.43

102110 BILL 10 S1 Tx-    5.86 Sch Tx-    2.85 MC-          Bal-    204.99
PaRd-0000557 Usg-0001007 Fl-    9.11 YL-    18.73 PB-    101.43 CC-    103.56
Disct          -          Addt Chg          -          -

102110 Level Bill Lvl Amt- 113.00 Lvl Dif          Avg KWH- 1007

101610 READING 08-01 AMI READING Rd-0000557          10/17/10 Usg 1007

101110 PAYMENT 08-79 BF-79 Pd- 112.00 Rd-0000000 10/11/10
          Usg-0000000 Bal- 101.43

092810 MTR CHG 08-79 Dt- 9/27 New Rd-0000000 Mtr-JP024866 Mult 1
          Usg 450 Old Rd-0075328 Mtr-30080259 Mult 1

092210 BILL 09 S1 Tx-    7.33 Sch Tx-    3.57 MC-          Bal-    213.43
PaRd-0074878 Usg-0001373 Fl-    10.31 YL-    18.73 PB-    83.79 CC-    129.64

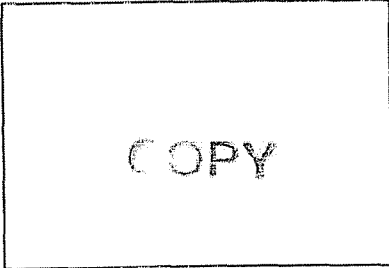
Help Available - Help Key          New Account 0 00 000 000 00 [DETAILS]
  
```

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment F  
JPEC Work Order CR113551

**Work Order  
Summary Sheet**

Construction W/O # C113551 Retirement W/O # R113551  
 G/L Account # 107.200 X 107.100 G/L Account # 108.600 X 108.810  
 Map Location: 41-057-001  
 County Code: 1 \_\_\_ 2 \_\_\_ 3 \_\_\_ 4 \_\_\_ 5 \_\_\_ 6 X  
 Contractor Code: \_\_\_\_\_  
 Budget Code: 801-00 ( )  
 Loan #: AS B  
 Goes with W/O: \_\_\_\_\_  
 Phase (1-6) \_\_\_\_\_  
 Date Entered: 12/9/11  
 Date Released: 12/13/11  
 Date Completed: 11/30/11  
 Month Closed: \_\_\_\_\_

NOTES:  


**Wire Statistics**

	Add	Remove
Pri. OH	_____	_____
UG	_____	_____
Sec. OH	_____	_____
UG	_____	_____
Ser. OH	_____	_____
UG	_____	_____
Member	_____	_____
Construction Cost \$	_____	
Retirement Cost \$	_____	
Actual Cost of W/O \$	_____	
<small>(Construction + Retirement - Contribution paid)</small>		

Description:  
ADD CUTOUT/ARRESTOR  
 \_\_\_\_\_  
 Consumer:  
ADD CUTOUT/ARRESTOR  
 \_\_\_\_\_  
 Contribution Paid: \$ \_\_\_\_\_  
 Date Paid: \_\_\_\_\_ Acct# \_\_\_\_\_  
 Non-Cash Contribution: \$ \_\_\_\_\_  
 Construction Contribution: \$ \_\_\_\_\_  
 Retirement Contribution: \$ \_\_\_\_\_  
 Total Contribution: \$ \_\_\_\_\_



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

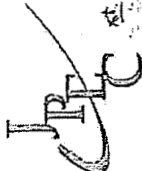
Attachment F  
 JPEC Work Order CR113551 cont.

C: 113551  
 R: 113551

ASSEMBLY UNITS REPORT

Location	Location Name	Function	Const. Unit	Description	Quantity	Work Crew
1		INSTALL	4619	M S-3 (RETIRED ONLY)	1	JPEC1
1		REMOVE	4620	M S-1 (RETIRED ONLY)	2	JPEC1
		INSTALL	4613	P1-01 LMS-6	1	12/13/11- <i>grt</i>
		INSTALL	4603	M5-1 LBSLIRE 01004	2	

COPY

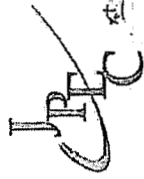


JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F  
 JPEC Work Order CR113551 cont.

C: 113551  
 R: 113551

ASSEMBLY UNITS REPORT



Summary	Function	Const. Unit	Description	Quantity	Correction
REMOVE		4002	M S-1 (RETIRE ONLY)	2	
INSTALL		4010	M S-3 (RETIRE ONLY)	1	
INSTALL		4013	P1.01 (MS-6)	1	
INSTALL		4003	M S-1 (RETIRE ONLY)	2	2 - 8R 12/13/11

COPY





**JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment F  
JPEC Work Order CR113551 cont.

Description	Code	Quan.	Description	Code	Quan.	Description	Code	Quan.
<b>Primary URD Cable</b>			<b>Pads, Pedestals, Shields, Boots</b>			<b>Controls, Heads, Globes, Ballast</b>		
Pri. 2 Alum URD	642		Pad (Info Park)	679		SL & FL Control (Eye all)	495	
Pri. 1/0 Alum URD	641		Pad, Concrete	680		SL 100W Head	498	
Pri. 4/0 Alum URD	645		Pad, Fiberglass Trans	681		SL 175W Head	496	
500 Cu Pri. URD	646		Box Pad, Trans (Vault)	682		Optical, Assembly (Globe all)	497	
500 MCM Alum Pri. URD	647		Box Pad, Cover (Vault cover)	683		Ballast SL (all but below)	494	
750 MCM Alum Pri. URD	655		Pad, Power (sec)	684		Ballast HPS	499	
			Shield Cable Riser 8' (Shield)	686		Ballast 100W MH	483	
<b>Secondary URD Cable &amp; Wire</b>			<b>Shield, Back Up Pole (H)</b>					
6 URD DPX	746		Shield, Back Up Pole (H)	687				
1/0 URD TPX	651		Boo for Shield	688		<b>Security &amp; Flood Lights</b>		
2/0 URD TPX	652		Shield, Riser (6 ft)	689		SL 100W HPS	488	
4/0 URD TPX	654					SL 175W MV	491	
350 URD TPX	656		Brackets, Cabinets, etc.			SL 250W HPS	489	
1/0 Quad	657		Bar, Trans - Bare	811		FL 250W HPS	490	
4/0 Quad	658		Bar, Trans - Ins - 4 Pos	813		SL 400W MV	492	
350 Quad	659		Bar, Trans - Ins 0 or B Pos	814		SL 400W MH	2503	
10/2 UF W/Grd.	740		Bar, Pedes - Ins - 4 Pos	815		FL 1000W MH	605	
12/2 UF	741		Bracket, Conduit	620				
10/2 UF W/Grd.	742		Bracket, Stand-Off Con.	628		<b>Decorative Lighting</b>		
8 UF	743		Cabinet, 4 Junct. 3-Phase	630		Breakaway Base (Info Park)	2100	
10 UF	744		Cabinet, Junct. 1-Phase	632		Pole (Info Park)	2200	
8 UF	745		Sleeve, Ord 1-Phase (Vault)	633		8' Arm (Info Park)	2300	
12/3 UF W/Grd.	747		Box Pad, Switch Gear	631		Head 400W MH/480V (Info Park)	2400	
10/3 UF	748		Switchgear PMHS	637		AAL Fixture (Info Park)	2401	
						AAL Pole (Info Park)	2201	
			URD, Splice, Term, Misc.			Fixture 1000w (Info Park) Big Sq	2405	
<b>Arrestors</b>			Tee Splice 1/0	1008		Pole (West Park)	2202	
Arrestor-Elbow	031		Splice URD Repair (Pri)	691		Fixture-Acom 150W hps (West Park)	2402	
Arrestor-Parking Stand	705		Splice URD Repair (Sec)	692		Screw Base	1999	
			Splice Cover (Sec)	693		Bracket, Arm/2 Light (Woodlawn)	2403	
<b>Conduit</b>			Splice Jacket	694		Fixture-Acom 100W HPS	503	
Conduit, 1/2" PVC	651		Sealing Kit (Cold Strink)	695		20' Fib Glass Pole (Direct Bury)	504	
Conduit, 3/4" PVC	652		Support Cable (PigTail)	697		Cobra Head (400W 2/unit)	501	
Conduit, 1" PVC	653		Term Bushing (Well Bushing)	706		Cobra Head (250W SL Light HPS)	602	
Conduit, 1 1/4" PVC	654		Rotable Feed Thru (Well)	707		Cobra Head (100W HPS)	608	
Conduit, 1 1/2" PVC	655		Pothead (2 thru 4/0)	710		Acom Head (400W MH)	607	
Conduit, 2-2 1/2" PVC	656		Pothead (all other-750)	711		Acom Head (175W MH)	2500	
Conduit, 2-2 1/2" Rigid	766		Term Indoor	715		Mongoose Fixture 250W HPS	2409	
Conduit, 3" PVC	657		Term Elbow-4/0	714		Roadway Fixture 100W HPS typeII	2404	
Conduit, 4" PVC	658		Term Elbow-500 MCM	716		10' Arm (Only)	500	
Conduit, 4" Rigid	768		Term Elbow-#1/0	717		SL Concrete Foundation	2000	
Conduit, 5" PVC	650		Term Elbow-#2	718		Dice Screw Base (Large)	2105	
Conduit, 5" Rigid	769		Splice, 500 URD, 18KV	720		Pole 30' Tapered Steel Pole Bronze	2203	
Conduit, 6" PVC	677		Term Junc.-1 Pos	721		Pole 30' Fiberglass Black	2204	
Conduit, 6" Rigid	777		Term Junc.-2 Pos	722		Pole 35' Steel	2205	
			Term Junc.-3 Pos	723		Pole 30' Tapered Aluminum	2208	
			Term Junc.-4 Pos	724		Pole 12' MH Black Fluted	2207	
<b>Conduit Elbow, Cap &amp; Adaptor</b>			Term Junc.-Caps (Ground)	730		8' Arm (for 60. Steel Pole)	2303	
Elbow-1" PVC	670		2-Way Loadbreak Junc.	728		8' Arm Black	2304	
Elbow-1 1/2" PVC	671							
Elbow-2-2 1/2" PVC	672		600 Termination Kit					
Elbow-2-2 1/2" Rigid	772							
Elbow-3" PVC	673		Cable Adaptor	733				
Elbow-4" PVC	674		Elbow Housing	734				
Elbow-4" Rigid	774		Connector Plug	736				
Elbow-5" PVC	676		Term, Dead End Plug	737				
Elbow-5" Rigid	776		Well Bushing Reducer 600 Amp	738				
Elbow-6" PVC	676		Insul. Plug	739				
Elbow-6" Rigid	776							
<b>Vented Cap &amp; Adaptor (all)</b>			<b>Security &amp; Flood Light Bulbs</b>					
			SL Bulb-100W Metal Halide	482				
			SL Bulb-100W	485				
<b>Polypipe</b>			Bulb, 150W HPS	2502				
2 - 2 1/2" Polypipe	2825		Bulb, 175W & 400W MV	483				
4" Polypipe	2840		Bulb, 175W Metal Halide	2501				
2 1/2" Polypipe Coupling	2826		Bulb, 250 W HPS	487				
4" Polypipe Coupling	2841		Bulb, 400 W Metal Halide	2500				
			FL Bulb-1000W Metal Halide	484				

Contractor/Employee DD

Prepared By

Unit No.

Entered By Stawie 2/13/11

JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F  
JPEC Work Order CR113551 cont.

Material Returned From Truck

Job Name ALCO CUTOUT + ARR Job No. CR113551 Date 11-30-11  
RETURNED FOR: Coop - Constr.  Retirement  Contractor - Constr.  Retirement

Description	Code	Quan.	Description	Code	Quan.	Description	Code	Quan.
Anchor, 6-8-10M	005		COND. B O/H -			Ground Pole Butt Plate	263	
Anchor, Screw Type	007		6 Std. C	111		Blocker, Stray Voltage	264	
Anchor	008		4 Std. C	112				
Anchor Rods	015		2 Std. C	113		Guy Atsch. for Guy Str.	269	
Anchor Rods - Twin Eye	016		1/0 Std. C	114		Guy Attachment	270	
Anchor Rods, Screw Type	017		2/0 Std. C	115		Guy Clamp - 3 Bolt	271	
Anchor Rods, J233787	018		4/0 Std. C	117		Guy Grips	272	
			350 Std. C	118		Guy Guards	273	
Armor Rod	020		500 Std. C	119		Guy Wire - 8M	276	
Arrestor, Distrib.	030					Guy Wire - 10M	277	
Arrestor, Elbow	031		COND. SER. -			Guy Wire - 3/8"	278	
Arrestor, 9KV Inter.	032		6 DPX	130		Guy Wire - 12.5M	279	
Arrestor, Secondary	033		2 TPK	131				
Arrestor, Transformer	034		1/0 TPK	132		HANGERS -		
Arrestor, Station, 60 KV	035		2/0 TPK	133		Capac - w/Switch	303	
			3/0 TPK	134		3T Bolt Ovr	305	
			4/0 TPK	135		2T Bolt Und	306	
BOLTS -			350 TPK	136		3T Bolt Und	307	
Carriage	040					3T Bolt Ovr	308	
Clevis	041					6M3 (TR/OCR)	309	
D.A.	042		4 Quad	141		ISM 36	310	
Eye	043		2 Quad	142		H-OCR Clust.	311	
Machine - 1/2"	044		1/0 Quad	143		R-OCR	312	
Machine - 5/8"	045		2/0 Quad	144		Alarm Platform	313	
Machine - 3/4"	046		3/0 Quad	145		4-Way Pole Bend	314	
Thimble Eye	048		4/0 Quad	146				
Upsat	049		350 Quad	147		Hook, Drive	330	
Machine - 5/8" x 6"	051							
			2/0 Std. C	155		INSULATORS -		
Brace, Alley Arm	055		4/0 Std. C	156		Pin Type	354	
Brace, Wood - 28"	056					Post Type	355	
Brace, Wood - 60"	057		500 Std. C	158		Post Type - Hor.	356	
Brace, Wood - 72"	058		750 Std. C	159		Horiz. Post - 69"	357	
						23 KV Post	358	
BRACKET -			1/0 ST P/CU	161		Guy Strain	359	
Angle Susp.	060		4/0 ST P/CU	164		Spool	360	
Horiz. Inuit	061					Suspension	362	
Pole Top Pin	062		350 MCM AL	177		Epoxilator	363	
Pole Top Post (Light)	063		500 MCM AL	178		Fiberglass - 600 Volt Buss	364	
Pole Top Post (Heavy)	066							
			2 Std. RHW	184		Nut, Eye	371	
CLAMPS -			250 Std. RHW	187		Nut, Lock	372	
Anchor Rod	070		300 Std. RHW	188		Nut, Thimble Eye	373	
Dead End	071		350 Std. RHW	189				
Ground Rod	072							
Hot Line	073		Conn. Small	200		PINS -		
Service Grip	075		Conn. K-1 Jumper	201		Insul. Adaptor	390	
Suspension	076		Conn. Large	202		Steel Crossarm	391	
						Clamp Type	392	
			Crossarm - 8'	218		Stud - 5/8 x 7	393	
Clevis, Sec. SW	080		Crossarm - 10'	220		Stud - 3/4 x 1 x 3/4	394	
Clevis, Ser. SW	081		Crossarm - All Other	221		Stud - All Other	395	
Clevis, Anchor Shackles	082		Crossarm - 12'	222		Angle Mounting	396	
Clevis, Sec. Wide Back	083		Crossarm Assy. - 8'	223		Pole Top	397	
			Crossarm - Sadde Pole	225				
COND. B O/H -						Pole Split	398	
2/0 ACSR	100							
4 ACSR	101		Cutout, Single Type	231				
2 ACSR	102		Cutout, Load Break	232		Pole - 25'	425	
1/0 ACSR	103		Cutout, Load Bkt, 200 Amp	233		Pole - 30'	430	
3/0 ACSR	104		Cutout, Comb. Arrestor	234		Pole - 35'	435	
4/0 ACSR	105					Pole - 40'	440	
336.4 AAAC	106					Pole - 45'	445	
397.5 AAAC	107		Fuse, PDMT Trans.	240		Pole - 50'	450	
500 MCM AL	108		Fuse, Line	241		Pole - 55'	455	
350 MCM AA	109		Fuse, Transformer	242		Pole - 60'	460	
652.4 MCM	110		Fuse, Substation	243		Pole - 65'	465	
						Pole - 70'	470	
			Ground Rod - 5/8"	261		Pole - 75'	475	
			Ground Rod - 3/4"	262				

Form No. MS-P

JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F  
JPEC Work Order CR113551 cont.

Description	Code	Quan.	Description	Code	Quan.	Description	Code	Quan.
Saddle Tap - Stirrup	480		Bracket, Term - 1 Pos	621		Splice, 500 URD, 15RV	720	
Screw, Lag	485		Bracket, Term - 2 Pos	622		Term Junc - 1 Pos	721	
			Bracket, Term - 3 Pos	623		Term Junc - 2 Pos	722	
100 Watt Bulb	486		Bracket, Term 48 - 6 Pos	626		Term Junc - 3 Pos	723	
250 Watt Bulb	487		Bracket, Stand-Off Con.	628		Term Junc - 4 Pos	724	
100 Watt Light	488		Cabinet, 30, 3 Junct.	629		Term Junc - 2 Pos, 1 Pos	725	
250 Watt Light	489		Cabinet, 30, 4 Junct.	630		Term Junc - Caps	730	
Flood Light	490		Box Pad, Switch Gear	631		Cable Ad (655-CA-1)	733	
Sec. Lite - 175W	491		Cabinet, Switch CW326	632		Elbow Housing (655-BLH)	734	
Sec. Lite - 400W	492		Skerve, Gd. Hdr CW326	633		Term Junc - Test Rods	735	
Sec. Lite - Bulb	493		Transclosure	636		Connector Plug	736	
Sec. Lite - Ballast	494		Switchgear PMH6	637		Term, Dead End Plug	737	
Sec. Lite - Control	495					Wall Bushing Reducer	738	
Sec. Lite - 175W Head	496		URD CABLE -			Insul. Plug (650-BIP)	739	
			Pri 2 Copper	640		Wire, 10/2 UF W/Grd.	740	
Assembly, Optical 11-3-6	497		Pri 1/0 Alum	641		Wire, 12/2 UF	741	
100 Watt Heads	498		Pri 2 Alum	642		Wire, 10/2 UF	742	
10' Arm Only	500		Pri 4/0 Alum	645		Wire, 8 UF	743	
Street Lite - 250W - Cobra	502		500 Copper Pri	646		Wire, 10 UF	744	
Lite, Acrom	503		500 MCM Al Pri	647		Wire, 6 UF	745	
20' F.G. Pole	504		500 MCM Al Sec.	648		6 DPX URD	746	
Flood Lite - 1000W Metal Halide	505		Sec - 2 TPX	650		Wire, 12/3 UF W/Grd.	747	
Street Lite - 100W - Cobra	506		Sec - 2/0 TPX	652		Wire, 10/3 UF	748	
Fixture - 150W HPS	2402		Sec - 4/0 TPX	654				
Bulb - 400W MH	2500		Sec - 350 TPX	655		Auto Booster	801	
Bulb - 175W MH	2501		Sec - 1/0 Quad	657		Cap Bank, 300 KVAR w/Sw.	803	
Bulb - 150W HPS	2502		Sec - 4/0 Quad	658		Cap Bank, 450 KVAR w/Sw.	809	
			Sec - 350 Quad	659		Cap Bank, 600 KVAR w/Sw.	805	
Splice, Tension	510					Cap Bank, 300 KVAR w/o Sw.	806	
Splice, Repair	511		Conduit, 5"	660		Cap Bank, 300 KVAR w/o Sw.	807	
Splice, Jumper	512		Conduit, 1/2"	661		Capacitor, 100 KVAR	812	
			Conduit, 3/4"	662		Capacitor, 150 KVAR	813	
Switch, Line Disc.	521		Conduit, 1"	663		Capacitor, Control	816	
Switch, Line Disc, Gang Op.	522		Conduit, 1 1/4"	664		Capacitor, Junc. Box	818	
Switch, Disc. J035562	524		Conduit, 1 1/2"	665		Test Switches, Meter 1020F	819	
Switch, By-Pass - 400A	525		Conduit, 2"	666		Mount, Meter PMH6	820	
Switch, By-Pass - 600A	526		Conduit, 3"	667		Cabinet, Meter	821	
Switch, Auto Reg. Byp.	528		Conduit, 4"	668		Rack, Barefield, QTMB	822	
			Conduit, 4" Split	669		Meter Sub Demand	825	
Terminal, Pin PTT4-ORH	534		Conduit, Elbow - 1"	670		Meter, PF-1 Phase	827	
Terminal, Pin 500	535		Conduit, Elbow - 1 1/2"	671		Meter, PF-3 Phase	828	
Terminal, Ser Pin	536		Conduit, Elbow - 2"	672		Recloser, UVVE	831	
Terminal, Lug	537		Conduit, Elbow - 3"	673		Recloser, RK w/Hdr	832	
Terminal, Adapt 4 Hole	538		Conduit, Elbow - 4"	674		Regulator, 50 Amp	841	
			Conduit, 12" Plastic	675		Regulator, 100 Amp	842	
Ties, Preform - S.T.T.	540		Conduit Caps 12" Plastic	676		Regulator, 150 Amp	843	
			Vented Cap and Adaptor	678		Regulator, 219 Amp	844	
Washer, Curved	551		Pad/info Park	679		Regulator, 328 Amp	845	
Washer, Round	552		Pad, Concrete	680		Regulator, 500 Amp	846	
Washer, Square	553		Pad, Fiberglass Trans	681				
Washer, Square 4 x 1/2	554		Box Pad, Trans	682		Trans, Current	851	
Washer, Anchor Log	555		Box Pad, Cover	683		Trans, Current 15 KV	852	
Washer, Spring	556		Pedestal, Power	684		Trans, Current Reg.	853	
			Shield, Cable Riser 8" Non-V	686		Trans, Current Aux	854	
Wire, Awn Tie-4	571		Shield, Back Up Pole (in ft.)	687		Trans, Potent. 480/120V	856	
			"Door" For Shields	688		Trans, Potent. 300/120V	857	
Wire, Solid Bare Cop. -			Shield, Riser (5 ft.)	689		Trans, Potent. 15 KV	858	
#6	572							
#6	573		Splice 500 to 750 MCM	690		Miscellaneous Charges	860	
#4	574		Splice #2, URD Repair	691		Miscellaneous Charges	861	
			Splice, 4/0 URD Repair	692		Miscellaneous Charges	862	
Warehouse, Conduit	580		Splice, Cover Sec	693				
			Splice Jacket Cover	694		Socket Breaker Unit (150A)	870	
			Sealing Kit (Cold Shrink)	695		Pole Top Meter Rite (M2211)	871	
			Support, Cable	697				
Bar, Trans - Bare (PTT4-0)	604		Term Block, Sec	701				
Bar, Trans - Bare 2 Hubs	610		Term Block, Ser. Unit	702				
Bar, Trans - Bare	611		Term Block, Sub Hub	703				
Bar, Trans - Ins - 2 Pos	612		Term Bushing	706				
Bar, Trans - Ins - 4 Pos	613							
Bar, Trans - Ins - 8 Pos	614		Pothole, Outdoor #2	710				
Bar, Pedes - Ins - 4 Pos	615		Term Outdoor - All Other	711				
Bar, Trans - Ins - 4 Pos 2 H.	616		Term Indoor	715				
Bar, Trans - Ins - 3 Pos	617		Term Junc	716				
			Term Elbow - #1/0 Wire	717				
Bracket, Conduit	620		Term Elbow - #2 Wire	718				

Contractor/Employee LD  
Unit No. \_\_\_\_\_

Prepared By \_\_\_\_\_  
Entered By \_\_\_\_\_

**JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012**

Attachment F  
JPEC Work Order CR113551 cont.

JACKSON PURCHASE E.C.  
MATERIAL PICKING SLIP

113011

DATE ENTERED 12/12/11      REMOVED BY CO-OP X CONTRACTOR      WAREHOUSE 01  
MAP LOCATION 41057001      NAME ADD CUTOFF/ARRESTOR  
FORCE ACCOUNT 108.800      WORK ORDER R113551

RETIREMENT MATERIALS  
INVENTORY SUMMARY

INV #	DESCRIPTION	POSSIBLE RETIREMENT	GOOD	BAD	WH/ TRK
073	CLAMP, HOT LINE	2	_____	_____	_____

----- CONSTRUCTION UNIT SUMMARY-RET -----

UNIT #	DESCRIPTION	POSSIBLE RETIREMENT	ACTUALLY RETIRED	ACTUAL TIME	OFFICE USE
4602	M 5-1 (RETIRE ONLY)	2	_____	_____	_____

COPY

JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F  
 JPEC Work Order CR113551 cont.

ID-JBL009      JACKSON PURCHASE E.C.      8:41:15  
 11/22/11 USER: LAURIE      JOB ORDER 11-0031264      41-057-001  
 KEYPED BY: LAURIE REED      REQUESTED BY: NIKE WASHAM  
 DATE KEYPED: 11/22/11      DESIRED PRINT DATE: 11/23/11  
 TIME KEYPED: 8:38:08      CREW NUMBER: 17  
 ASSOCIATED WITH SERVICE ORDER: 11-0031264      JOB ORDER  
 CCH#: 348310      SERVICEMAN READ  
 4 41-057-001 02 0      \* ACTIVE \*  
 EARLES/RUSSELL      PHONE: 270 898-3651 HOME  
 LITTLE HOUSE      COUNTY: MC CRACKEN COUNTY  
 105 ASHLAND RD      DESIRED COMPLETION DATE: 11/23/11  
 PADUCAH      KY 42003-9309      LAST COOP READ: 11/24/11  
 METER NUMBER: JP022867      LAST COOP KWH READ: 0000032  
 PRESENT READ: 0000032

PHILED  
 PER MIKE WASHAM - AT SWITCH PRIKEY  
 310022 MOVE STINGERS FROM CUTOUT TO  
 PROTECT TAP

SUBSTATION: Reidland  
 FEEDER: Reidland/Epperson Rd  
 MAILING ADDRESS  
 105 ASHLAND RD  
 PADUCAH      KY 42003-9309

JP  
 COMPLETED DD      DATE 11-30-11  
20405

NOTES.....  
 Budget Code: \_\_\_\_\_  
 Work Order No: \_\_\_\_\_  
 Budget Code: \_\_\_\_\_  
 Work Order No: CR 113551  
COOP  
11/24

COPY

\*\*\*\*\*  
 METER TEST DUE 08/11/35  
 LAST TESTED 08/11/10  
 \*      OLD      NEW      \*  
 \* MULT BY      00001      \_\_\_\_\_      \*  
 \* MAKER'S NO.      JP022867      \_\_\_\_\_      \*  
 \* SIZE      300      \_\_\_\_\_      \*  
 \* METER READ      \_\_\_\_\_      \_\_\_\_\_      \*  
 \* AMI MTR ADR      \_\_\_\_\_      \_\_\_\_\_      \*  
 \*      \*  
 \*      \*  
 \*\*\*\*\*

\*\*\*\*\*  
 TAILGATE DISCUSSION  
 Crew Leader: DD      Unit#: 17  
 No. Of Crew Members:      Date: 11-30  
 Names: JG      JF  
JK      BH  
 Comments  
 Unusual Conditions: \_\_\_\_\_  
 Existing Hazards: \_\_\_\_\_  
 Work Procedures: \_\_\_\_\_  
 Energy Source Controls: \_\_\_\_\_  
 PPE: \_\_\_\_\_  
 Traffic Control: \_\_\_\_\_  
 Rescue: \_\_\_\_\_

JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F  
JPEC Work Order CR113551 cont.

JACKSON PURCHASE E.C. (MATERIAL PICKING SLIP) 2/0 12/12/11  
 WORK ORDER C113551 W.I.P. ACCT. NO. 107.200 W/O DATE 12/12/11  
 CONSUMER DATA : ACCOUNT NO. 41057001 NAME ADD CUTOUT/ARRESTOR  
 BUILT BY CO-OP X CONTRACTOR WAREHOUSE 01 UNIT \_\_\_\_ INITIALS \_\_\_\_

4619 M 5-9-3 (RETIRE ONLY)	QTY =	1	ACTUAL TIME	
073 CLAMP, HOT LINE	7.900	1	_____	T
231 CUTOUT, SINGLE TYPE 100 AMP	65.320	1	_____	T
480 SADDLE TAP-STIRRUP	3.850	1	_____	T

OTHER ISSUES					
ITM #	DESCRIPTION	AVERAGE	QTY	RETURNS	LOCATION

COPY

RESEARCHED  
 CLR 12/12/11  
 JK

JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
 REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment F  
 Outages Near The Incident Location

Hist. Member Outages Inquiries 2/14/2012

Account #	Creation Time	Restoration Time	Duration (Min)	outage Code	Comments	Sub	Feeder
41056038	2/7/2011 11:42	2/7/2011 12:22	40	Cut Out - Line or SFMR	Communica	REIDLAND	4103
41056038	11/22/2011 7:00	11/22/2011 8:27	87	Storm 11/22/2011	line fuse-30 k.	REIDLAND	4103

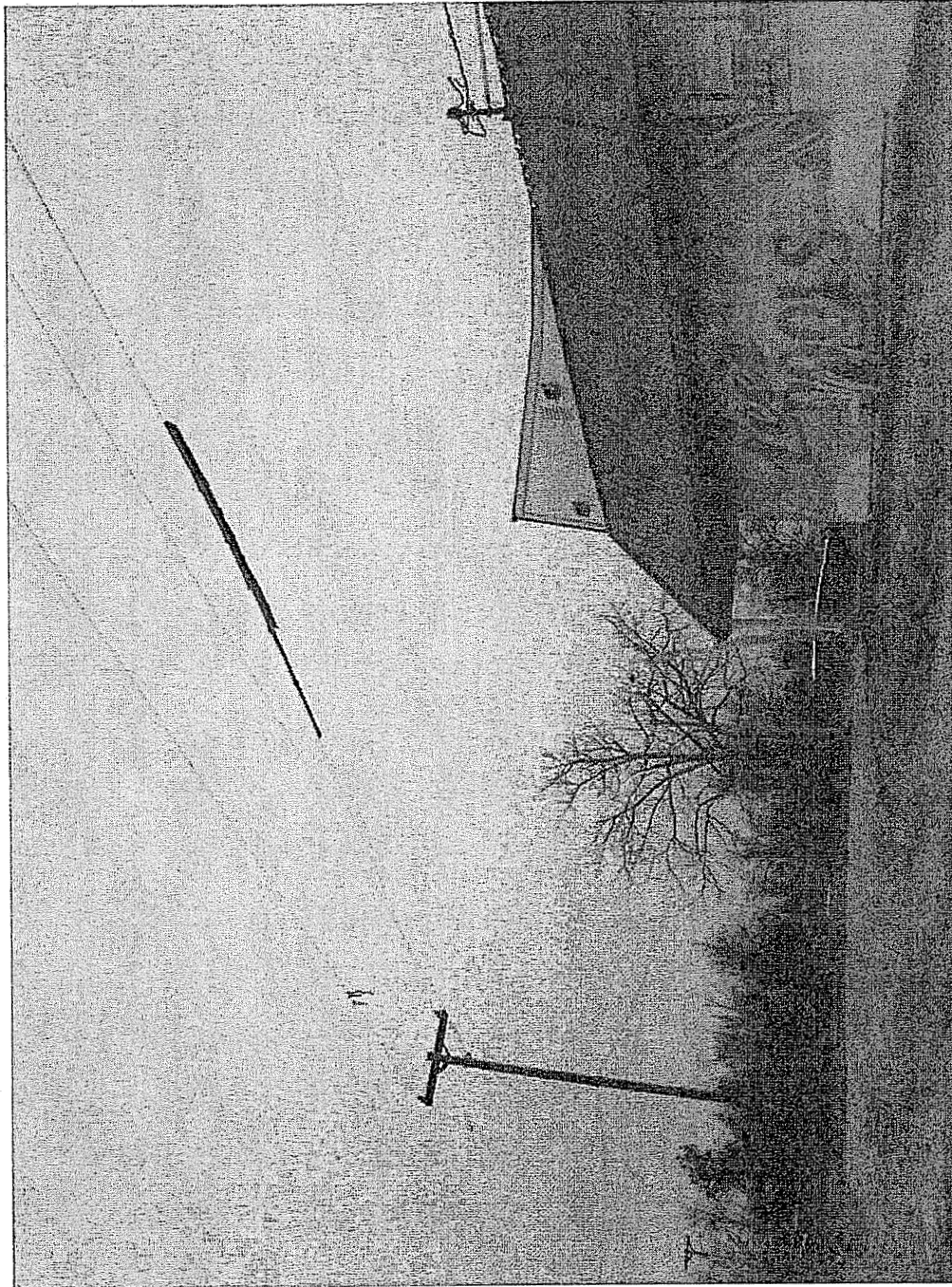
Hist. Member Outages Inquiries 2/14/2012

Account #	Creation Time	Restoration Time	Duration (Min)	outage Code	Comments	Sub	Feeder
41057027	8/23/2011 10:57	8/23/2011 11:20	23	Public	Crack hoe got into b phase	REIDLAND	4103



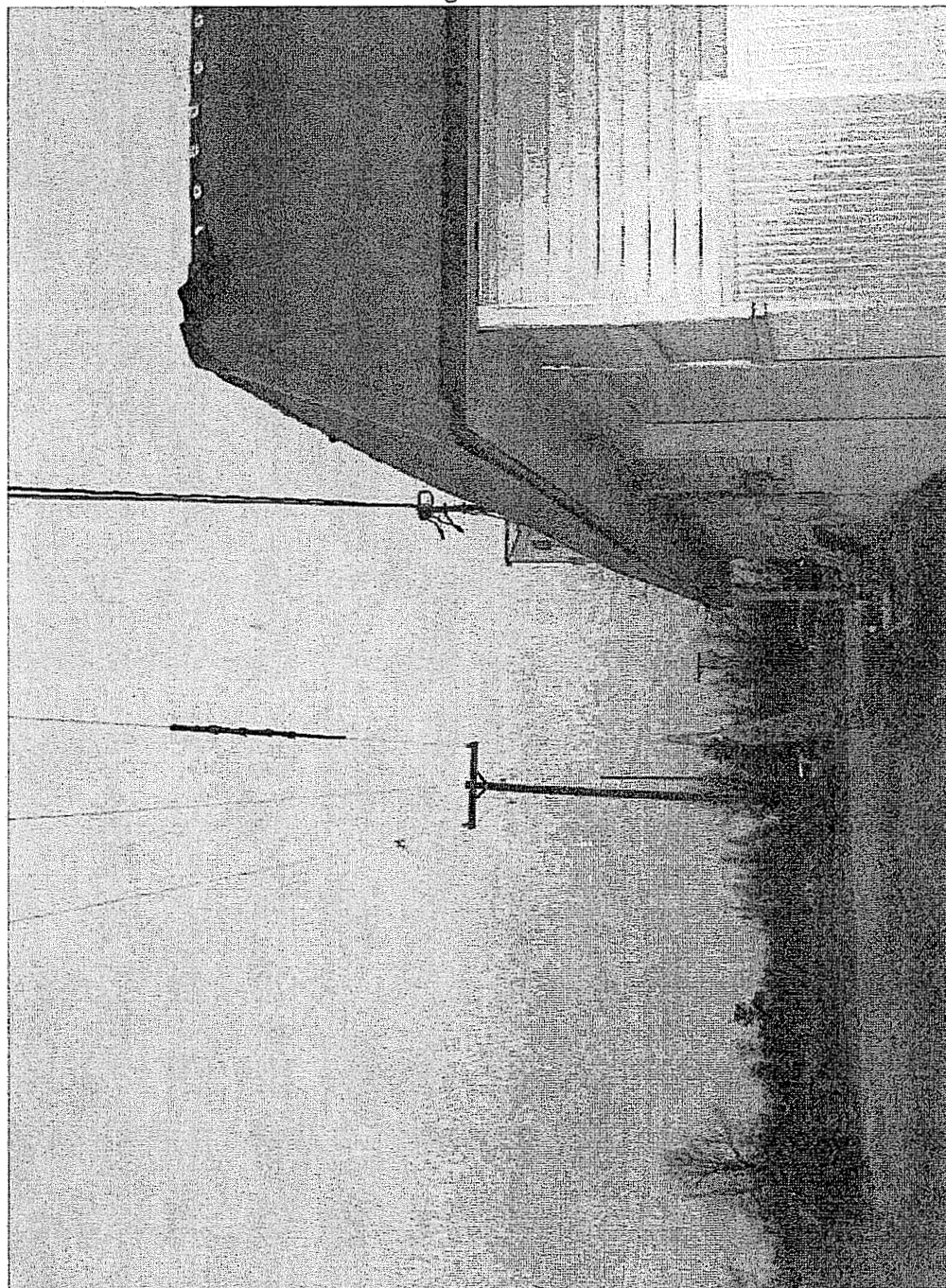
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment G  
Picture of Temporary Modifications Made 02/09/2012  
Facing Southwest



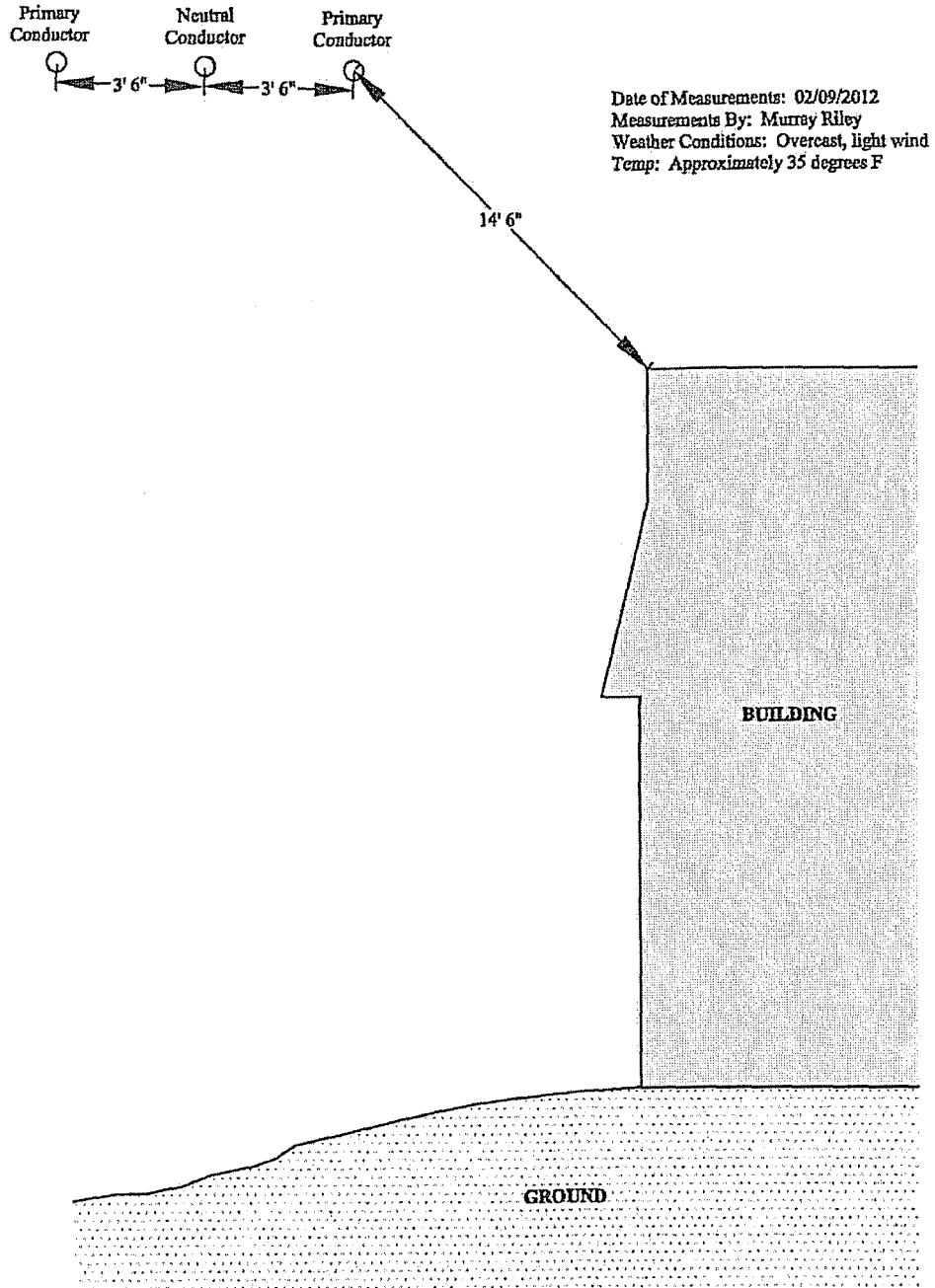
JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment G  
Second Picture of Temporary Modifications Made 02/09/2012  
Facing Southwest



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment G  
Measurements of Temporary Modifications Made 02/09/2012



JACKSON PURCHASE ENERGY CORPORATION (JPEC)  
REPORT OF INCIDENT ON FEBRUARY 8, 2012

Attachment H  
Transcript from Local News.

From: Murray Riley  
To: Crain, Corle  
Subject: Fwd: Script request  
Date: Wednesday, February 08, 2012 11:45:12 AM

---

Sent from my iPhone

Begin forwarded message:

**From:** Lori Barrett <lbarrett@wpsdlocal6.com>  
**Date:** February 8, 2012 11:06:38 AM CST  
**To:** <murray.riley@jpecenergy.com>  
**Subject:** Script request

This was in our 6 pm newscast on Tuesday, February 7<sup>th</sup>:

[Anchor:2/2 SHOT]  
[Anchor:LAURA]  
[ReadRate:15]  
{\*\*LAURA\*\*}

A LOCAL MAN GOT SHOCKED WHILE INSTALLING A METAL ROOF.

[Notes:K1]  
<mp3> 0P REIDLAND ELECTRIC SHOCK-VO</mp3>  
[TAKE VO  
DURATION:0:00]  
{\*\*VO\*\*}  
[Anchor:SCOTT]  
[ReadRate:16]  
{\*\*SCOTT\*\*}

</mp3> 2 Line Super VDO - 1 Electric Shock | Roofer Shocked While Installing A Metal Roof</mp3>  
MCCRACKEN COUNTY SHERIFF'S DEPARTMENT SAYS A PIECE OF ROOFING  
GOT INTO DROP LINES AND SHOCKED A ROOFER.  
HE WAS INSTALLING A METAL ROOF ON LEE'S POOLS IN REIDLAND,  
KENTUCKY.  
DEPUTIES SAY THE ROOFER WAS CONSCIOUS BUT RECEIVED SECOND AND  
THIRD DEGREE BURNS.  
THE VICTIM WAS TAKEN TO A HOSPITAL FOR TREATMENT.  
NO WORD ON HIS CONDITION.

**Jackson Purchase Additional Information**

**Received 3-9-12**

---

**Steve Kingsolver**

## **Kingsolver, Steve (PSC)**

---

**From:** Craig Gerke <Craig.Gerke@jpenergy.com>  
**Sent:** Thursday, March 08, 2012 4:52 PM  
**To:** Kingsolver, Steve (PSC)  
**Subject:** RE: JPE Accident-2-7-12-Gordon  
**Attachments:** Gordon\_1 03082012.pdf; Gordon\_2 03082012.pdf

Steve,

Once again I apologize for taking so long to get this information to you. Hopefully this is the type of information you were looking for. I have attached two scans of old staking sheets that I have been able to find showing the line in question. The first scan (Gordon\_1 03082012) looks to have been drawn up in 1962 and shows the span as existing. In reviewing the staking sheet it appears this line was originally a single phase line that has since been converted to two phase. The second scan (Gordon\_2 03082012) appears to have been drawn up in 1973 and shows the span as an existing two phase line. I have not been able to find a work order that shows when the line was converted from single phase to two phase. Please let me know if there is anything else I may help you with.

Craig Gerke  
Jackson Purchase Energy Corporation  
P.O. Box 4030  
2900 Irvin Cobb Drive  
Paducah, KY 42002-4030  
Office: (270) 442-7321 ext. 2311  
Fax: (270) 442-5337  
[craig.gerke@jpenergy.com](mailto:craig.gerke@jpenergy.com)

---

**From:** Kingsolver, Steve (PSC) [<mailto:Steve.Kingsolver@ky.gov>]  
**Sent:** Wednesday, March 07, 2012 6:45 PM  
**To:** Craig Gerke  
**Subject:** Re: JPE Accident-2-7-12-Gordon

Thanks. Looking forward to getting it.

Steve Kingsolver

---

**From:** Craig Gerke [<mailto:Craig.Gerke@jpenergy.com>]  
**Sent:** Wednesday, March 07, 2012 05:56 PM  
**To:** Kingsolver, Steve (PSC)  
**Subject:** RE: JPE Accident-2-7-12-Gordon

Steve,

I apologize that I have not been able to get back with you before now regarding the age of the line for the this incident. This process has taken longer than I had anticipated. I believe I have found something and will try to send it to you tomorrow. Thank you for your patience and please let me know if I can help you with anything else.

Craig Gerke  
Jackson Purchase Energy Corporation  
P.O. Box 4030  
2900 Irvin Cobb Drive  
Paducah, KY 42002-4030  
Office: (270) 442-7321 ext. 2311  
Fax: (270) 442-5337

[craig.gerke@jpenenergy.com](mailto:craig.gerke@jpenenergy.com)

---

**From:** Kingsolver, Steve (PSC) [<mailto:Steve.Kingsolver@ky.gov>]  
**Sent:** Wednesday, March 07, 2012 1:14 PM  
**To:** Craig Gerke  
**Subject:** JPE Accident-2-7-12-Gordon

Craig,

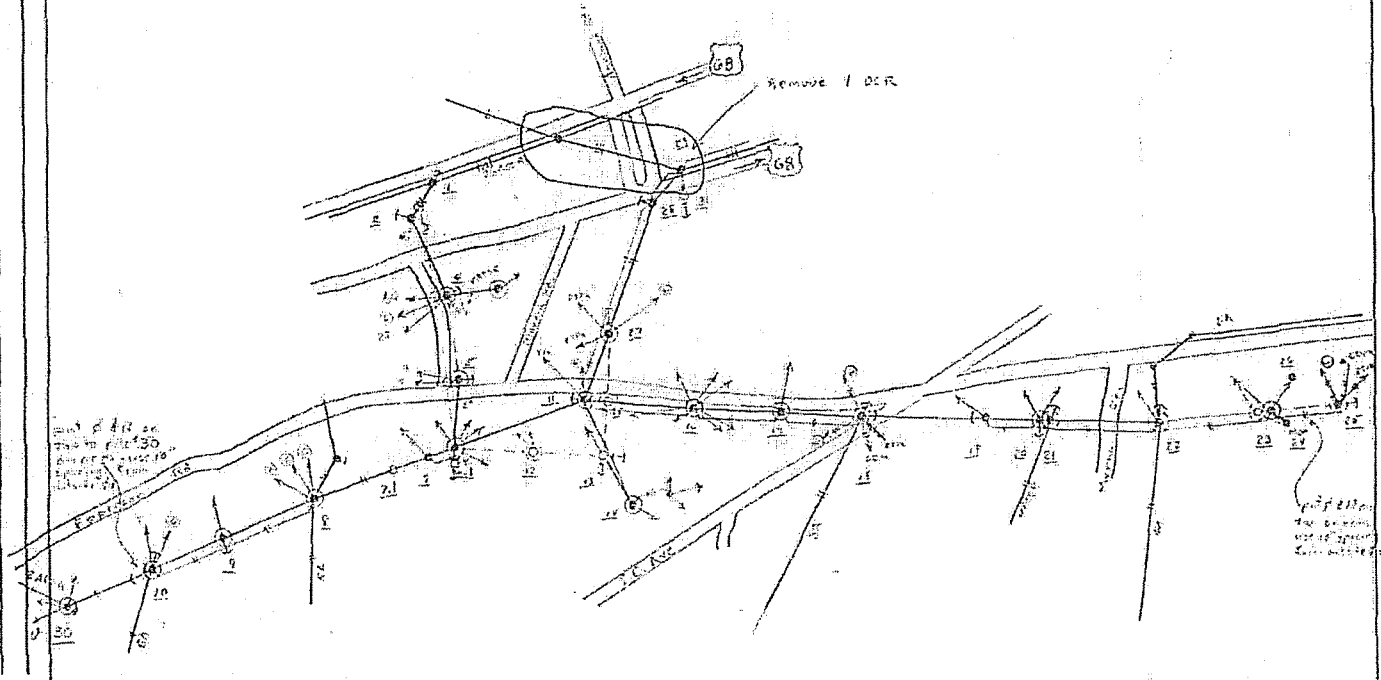
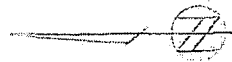
Have you uncovered any additional information on the age of the line and poles where this accident took place? I am getting to the point that I need to start completing my accident report on this.

Let me know where you stand on this. Give me a call.

Thanks,

Steve Kingsolver

SKETCH OF WORK — INDICATE NORTH



SYSTEM DESIGNATION KY 20 STARING SHEET W.O. NO. 20 86  
 NAME Jackson Purchase RECC LOCATION McCracken SHEET 1 OF 2  
 LINE NAME Epperson Road St MAIN LINE EXISTING 16 2nd GA CDR PROPOSED 36 2nd GA CDR  
 RULING SPAN \_\_\_\_\_ POLE NO. TO POLE NO. \_\_\_\_\_ PHASING, WIRE SIZE, TYPE WIRE \_\_\_\_\_

POLE NO.	LINE BACK SPAN	OFFLING BACK SPAN	PRI. WIRE		UNDERGROUND SEC. WIRE		R/W		POLES			PRIMARY UNITS			"E" TRANSFORMERS			"M" TRANSFORMERS			"J" TRANSFORMERS			"K" TRANSFORMERS			SERVICE		SEE REF. NO.	
			I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N		I
1																														
2	184		552	736																										
3	214			552																										
4	230		170	1160																										
5	200			800																										
6	205		416	230																										
7		57	114																											
8	214	371	292	832																										
9	220		520	800	450																									
10	170		160	320	320																									
11		315																												
12	188			732																										
13	200			800																										
14	76	236	512	772																										
15	200			800																										
16	268	240	580	1172	570																									
17	225		450	900	450																									
18	261		420	804	432																									
19	370		740	1480																										
20																														
21	170		340	680	340																									

NO.	NOTES	TYPE	PLANT CHANGE	DESCRIPTION	LINE	FEET	DETAIL MAP REFERENCE
		PRI.					
		SEC.					
		SER.					
		R/W					
		TOTAL					

1 - REMOVE, L - REMAIN, N - NEW, H - CONVERSION UNIT TOTAL CENTRAL ASSOC. ENGRS. INC. VERSAILLES, KENTUCKY

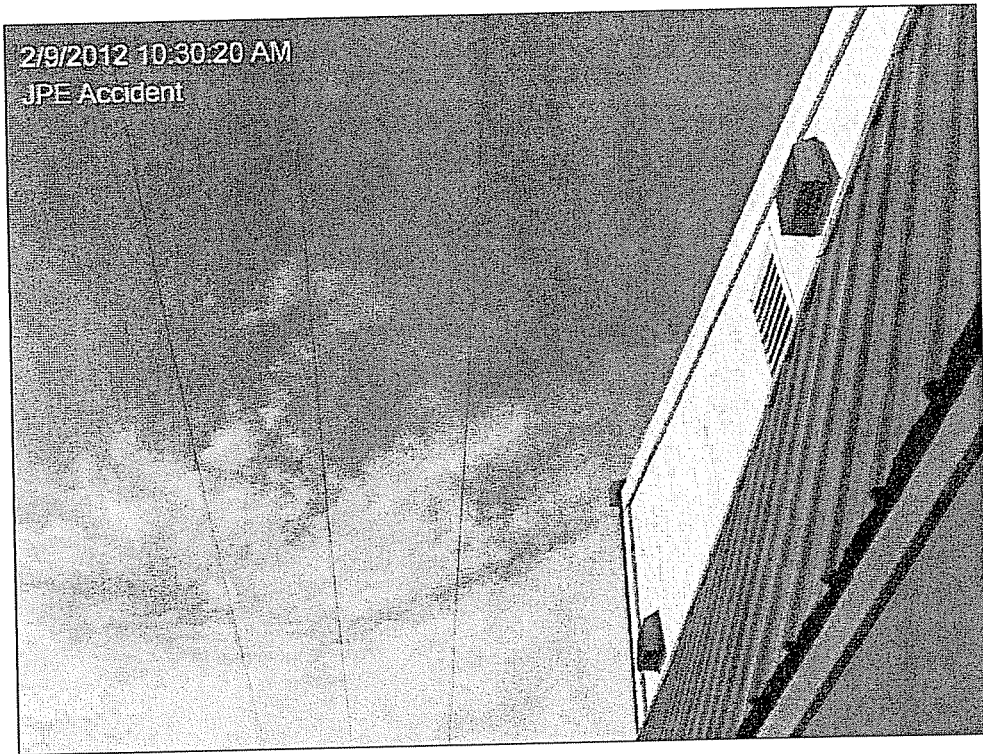




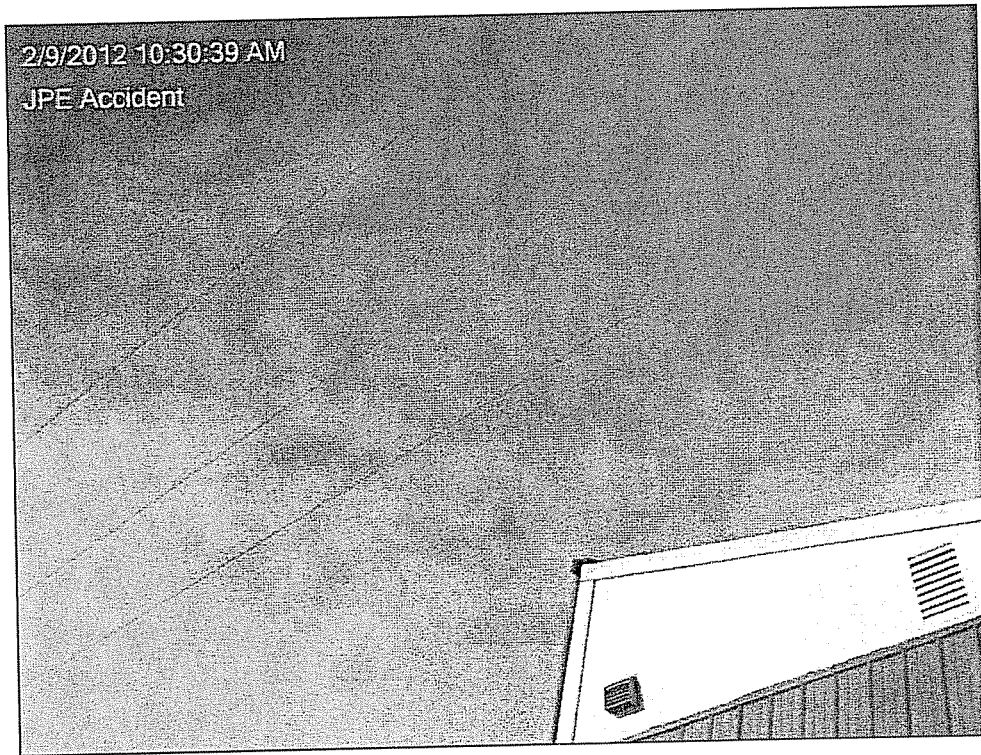
**Attachment C**

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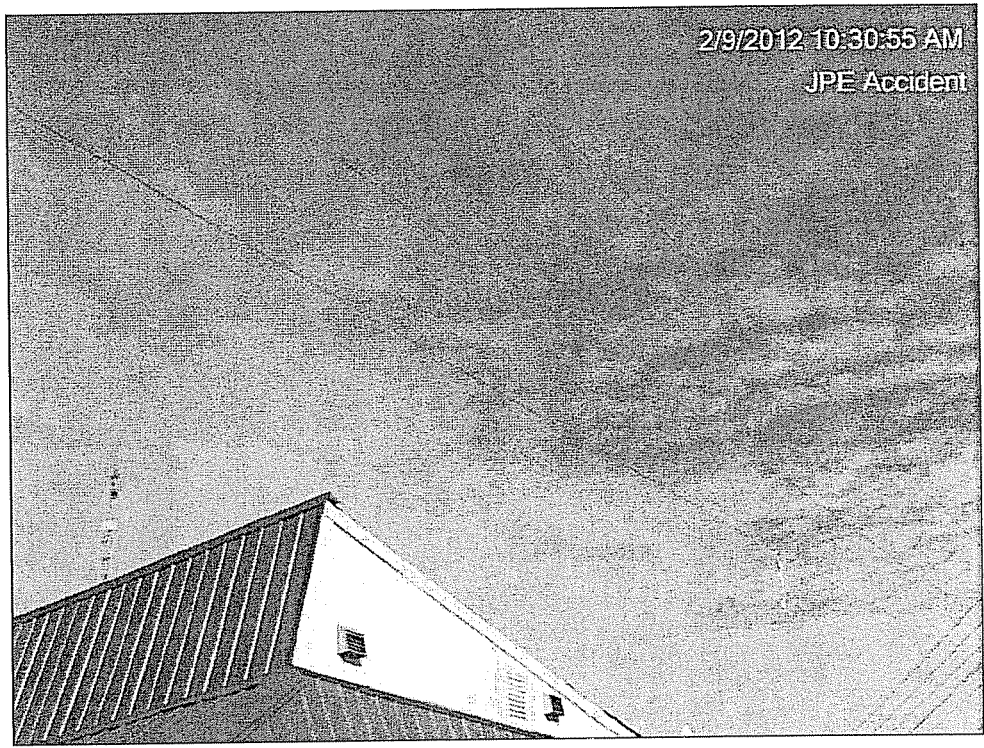
**KPSC Photographs of Accident**



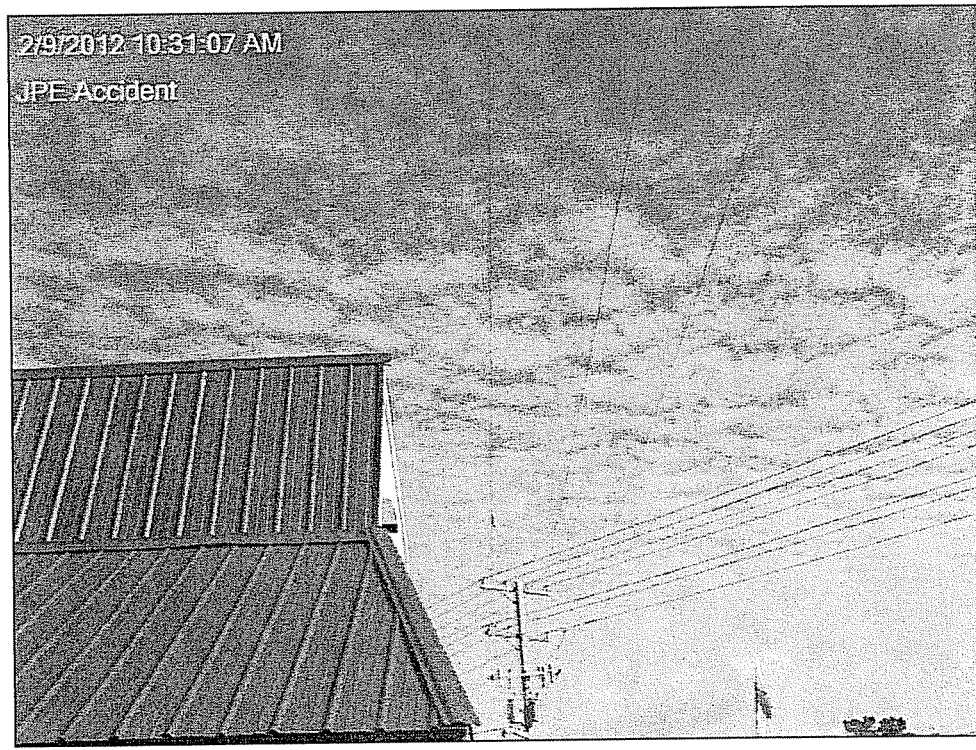
#1



#2

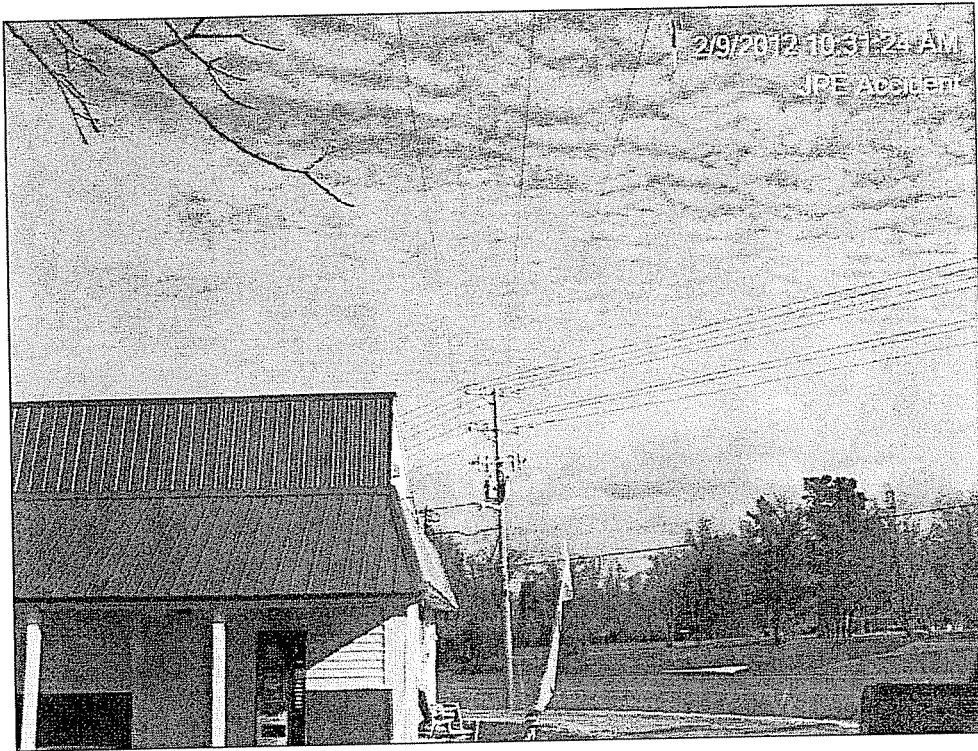


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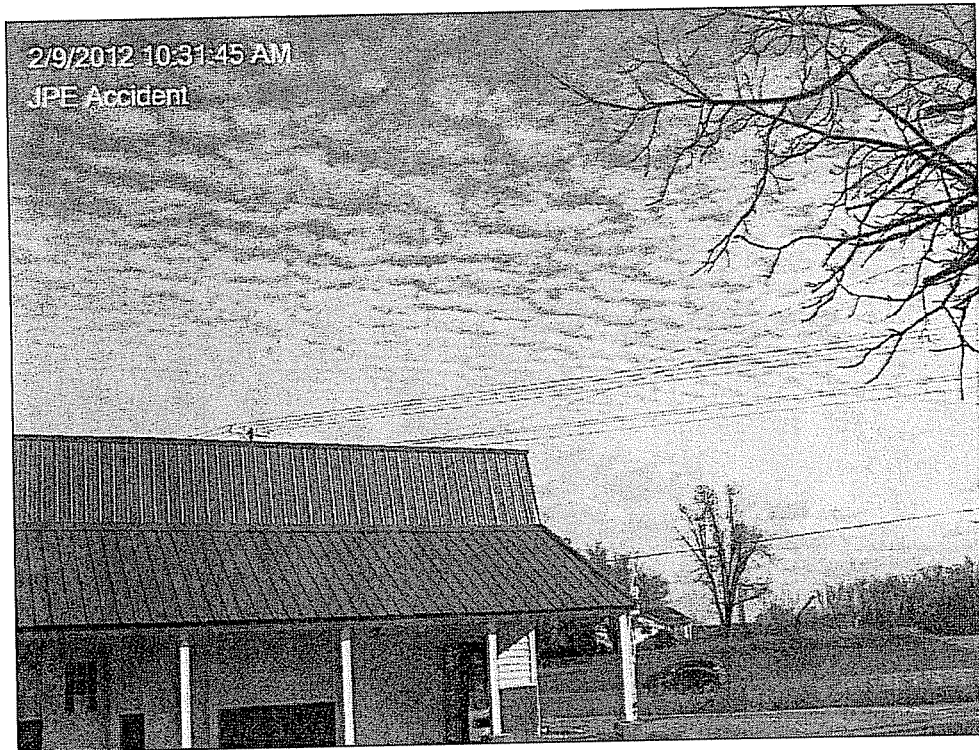


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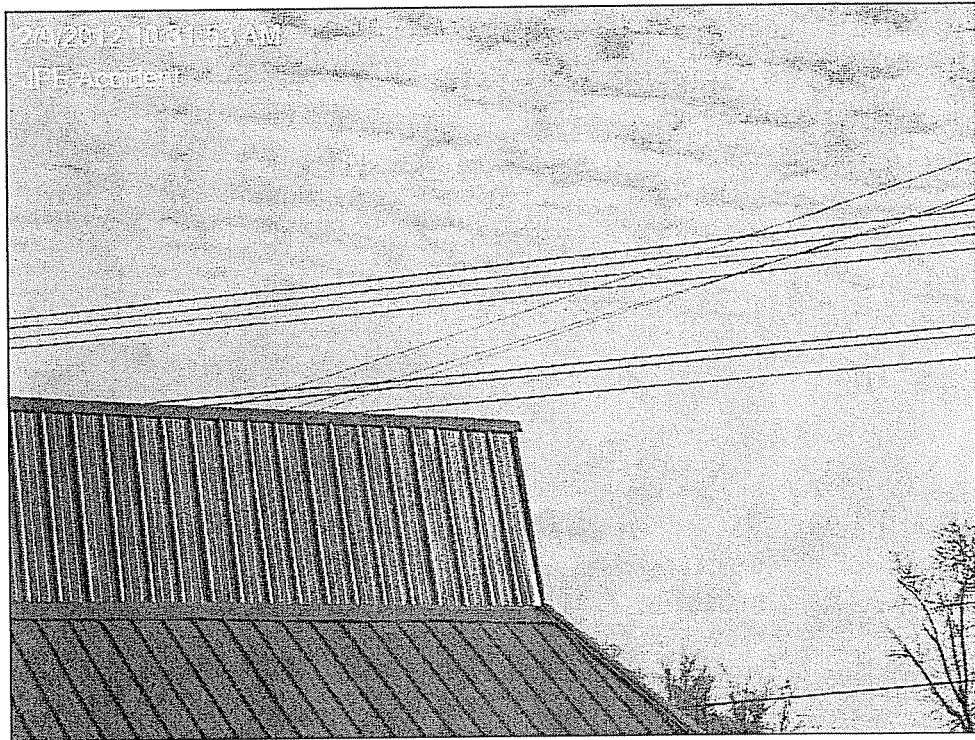




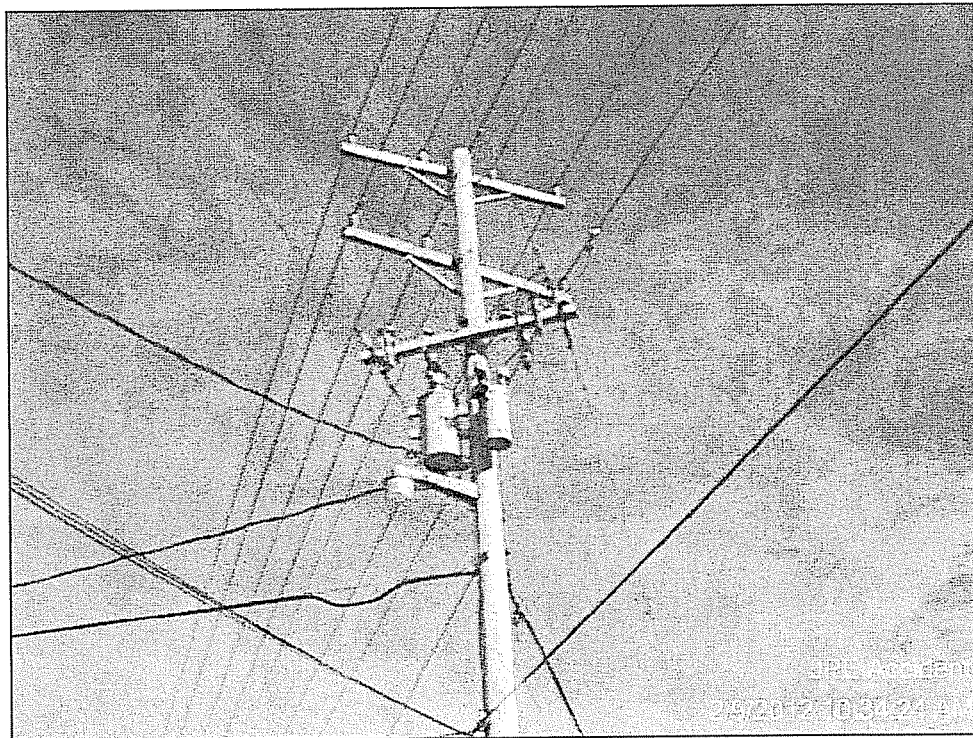
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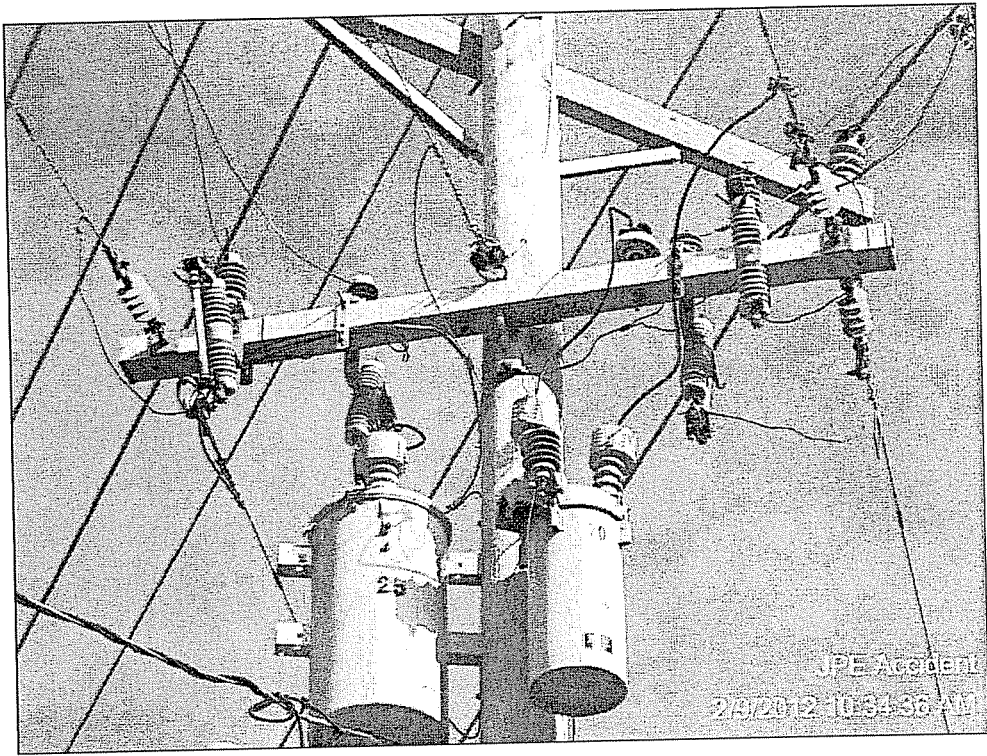
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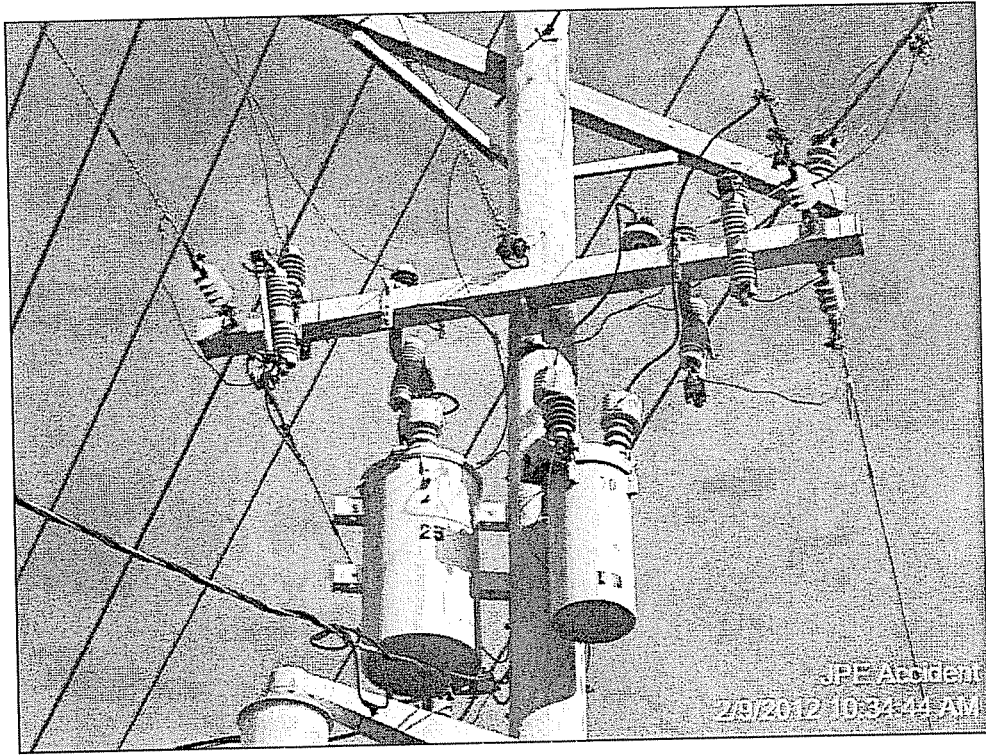
#7



#8

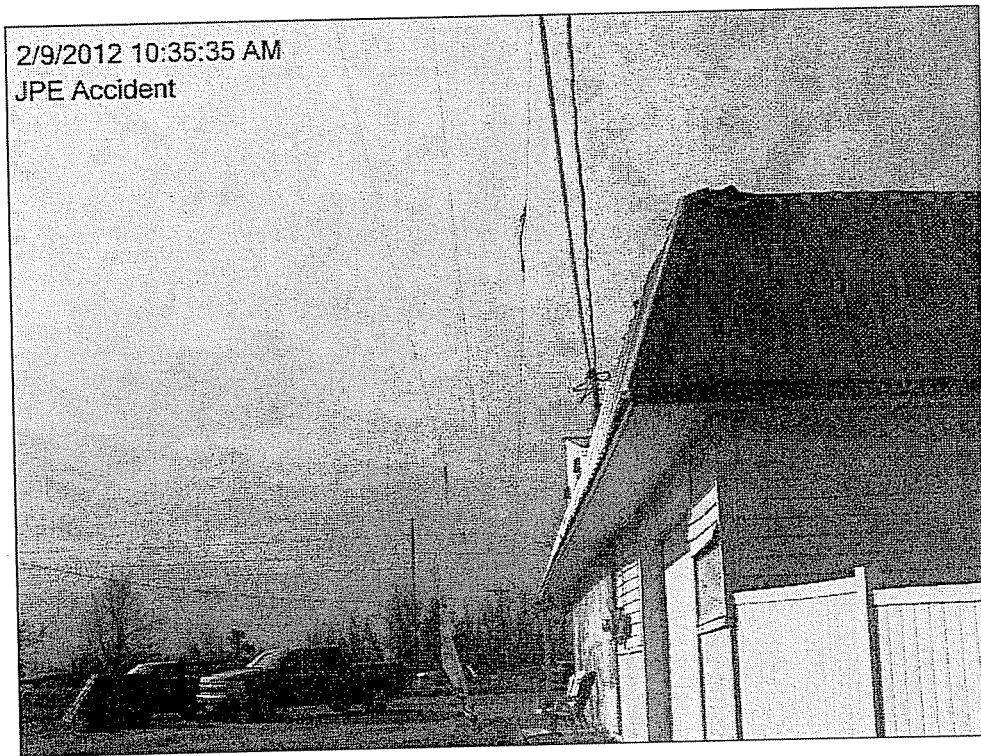


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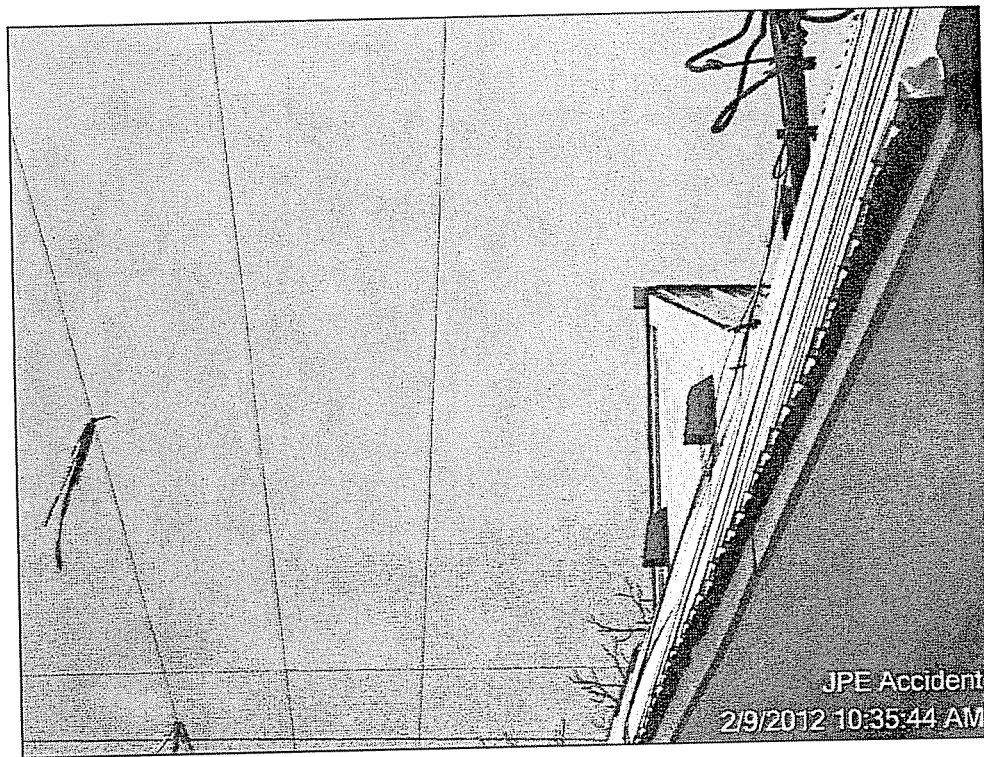


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#11

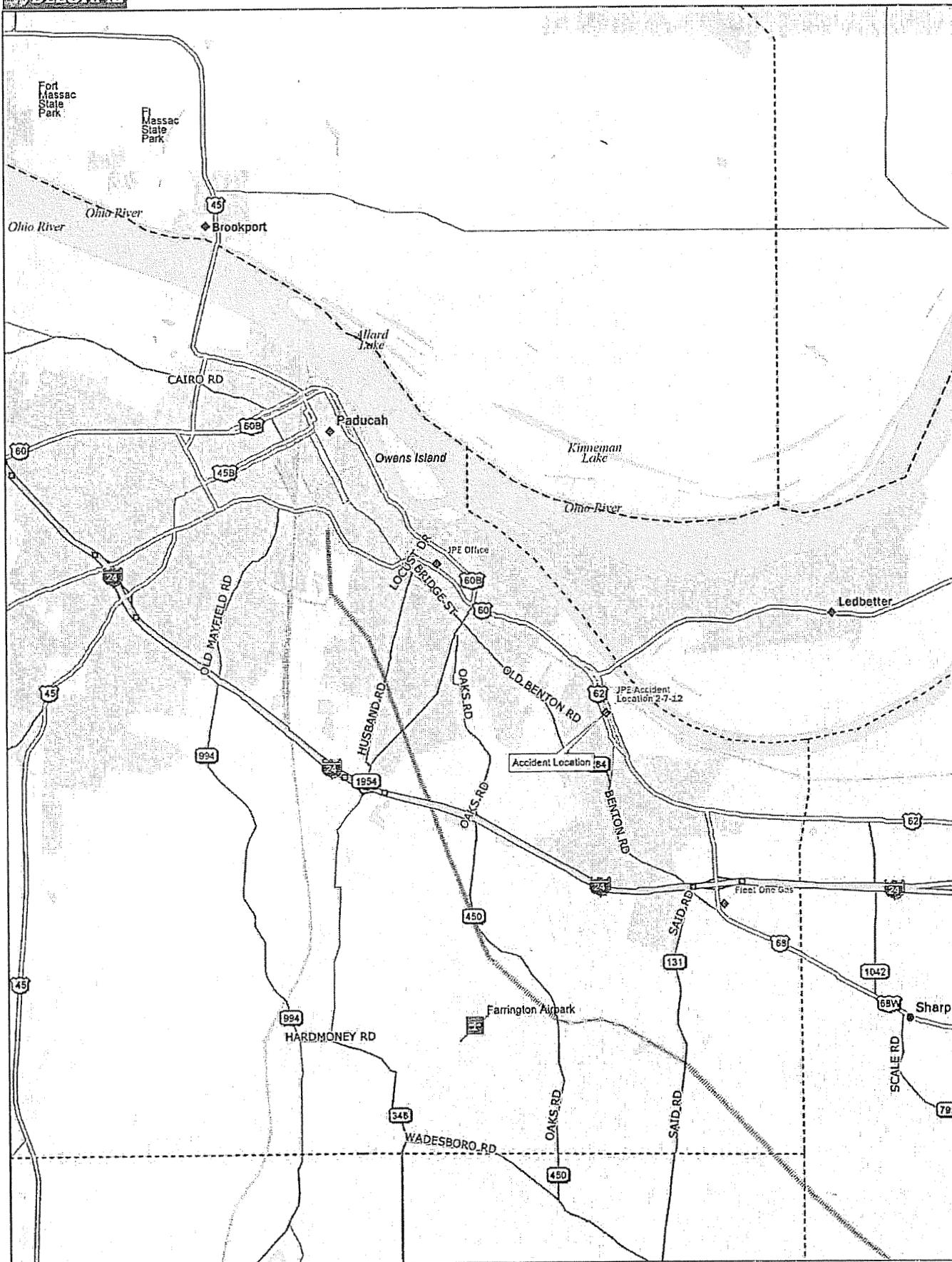


#12

**Attachment D**

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**KPSC Maps**



Data use subject to license.

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www.delorme.com



Scale 1 : 112,500



1" = 1.78 mi Data Zoom 10-7

**Attachment E**

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**1961 Edition of the National Electrical Safety Code  
Section 234-C**

## 234. C. Clearances from Buildings—Continued

- (b) Clearance of wires from building surface shall be not less than those required in table 9 (rule 235, A, 3, (a)) for clearance of conductors from pole surfaces.

## 4. CONDUCTORS PASSING BY OR OVER BUILDINGS.

- (a) **MINIMUM CLEARANCES.** Unguarded or accessible supply conductors carrying voltages in excess of 300 volts may be run either beside or over buildings. The vertical or horizontal clearance to any building or its attachments (balconies, platforms, etc.) shall be as listed below. The horizontal clearance governs above the roof level to the point where the diagonal equals the vertical clearance requirement. From this point the diagonal clearance shall be equal to the vertical clearance requirement. This rule should not be interpreted as restricting the installation of a trolley contact conductor over the approximate center line of the track it serves.

- (1) **SPANS 0 TO 150 FEET.** For spans of 0 to 150 feet, the clearances shall be as given in table 4.

TABLE 4.—Clearances of supply conductors from buildings

Voltage of supply conductors	Horizontal clearance	Vertical clearance
	<i>Feet</i>	<i>Feet</i>
300 to 8,700.....	3	8
8,700 to 15,000.....	8	8
15,000 to 50,000.....	10	10
Exceeding 50,000.....	10 plus 0.4 inch per kv in excess.	10 plus 0.4 inch per kv in excess.

- (2) **SPANS EXCEEDING 150 FEET.** Where span lengths exceed 150 feet, the increased clearances required by rule 232, B, 1 shall be provided.

70

## Clearances

## 234. C. Clearances from Buildings—Continued

*Exception:* These increased clearances are not required where the voltage of the supply conductors is from 300 to 8,700 volts.

- (b) **GUARDING OF SUPPLY CONDUCTORS.** Supply conductors of 300 volts or more shall be properly guarded by grounded conduit, barriers, or otherwise, under the following conditions:
- (1) Where the clearances set forth in table 4 (rule 234, C, 4, (a), (1)) cannot be obtained.
  - (2) Where such supply conductors are placed near enough to windows, verandas, fire escapes, or other ordinarily accessible places, to be exposed to contact by persons.

*Note:* Supply conductors in grounded metal-sheathed cable are considered to be guarded within the meaning of this rule.

**Attachment F**

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**Site Diagram**

SITE DIAGRAM.

NESC REQUIREMENTS  
1961 EDITION

THE ENERGIZED PHASE CONDUCTOR  
DOES NOT MEET OR EXCEED THE  
NESC.

CLEARANCE ENVELOPE  
AROUND BUILDING

VERTICAL  
REQUIREMENT  
8'

ENERGIZED  
PHASE  
CONDUCTOR

4'8"

HORIZONTAL  
REQUIREMENT  
3'

3'

2'10.5"

BUILDING



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President & CEO  
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Paducah, KY 42002-4030