COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

-	ln	th	10	M	at	te	r	∩f	
- 3	It 1	LI	163	IV	CI I	ıc		vi	

JACKSON PURCHASE ENERGY CORPORATION))) CASE NO. 2012-002	40
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.¹

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

¹ 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	10 plus 0.4 inch per kV
	in excess	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 Puchase's practices related to the construction, installation and repair of electric facilities.

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

- 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

ENTERED

M

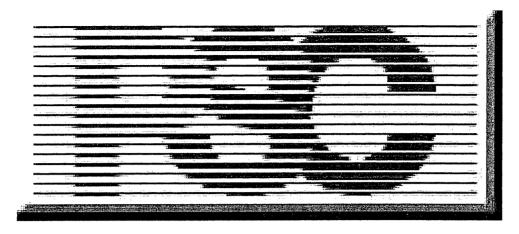
JUN 25 2012

KENTUCKY PUBLIC SERVICE COMMISSION

ATTES!

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2012-00240 DATED JUN 2 5 2012



ACCIDENT INVESTIGATION ~ Staff Report

Report Date ~ April 4, 2012

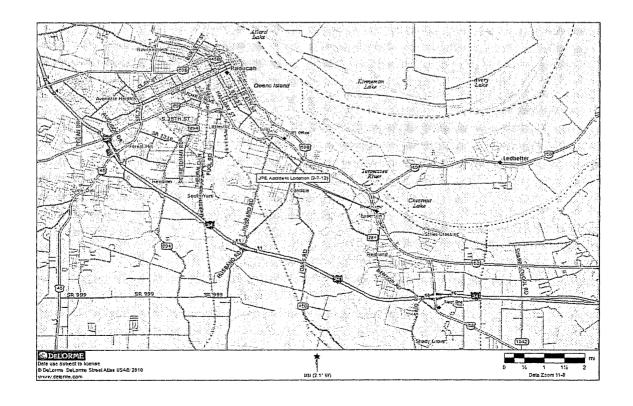
Accident Date ~ February 7, 2012

Serving Utility ~ Jackson Purchase Energy Corp.

Incident Location ~ Paducah, Kentucky

<u>Victim</u> ~ 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.

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

From: Craig Gerke [mailto:Craig Gerke@jpenergy.com]

Sent: Wednesday, February 08, 2012 01:49 PM

To: Kingsolver, Steve (PSC)

Cc: Kelly Nuckols <Kelly Nuckols@jpenergy.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

KPSC

Utility regulatory and Safety Investigator IV

Hun Kin zwolner

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

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:

Victim:	Name:	Employer:
	Scott Gordon	Owner of Gordon Roofing

Information From:	Name:	Position:	<u>Employer:</u>
	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

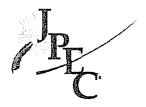
Line Clearances At Point of Incident:	Measured	Minimum Allowed by NESC	Applicable NESC Edition 1961*	Voltage	Construct Date
Primary Conductor: Horizontal to Building	2' 10 ½"	3'	1961 EDITION	7.2 kV	1973
Primary Conductor: Vertical to Building	N/A	8'	1961 EDITION	7.2 kV	1973

^{*} 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.

<u>Date of Measurement:</u>	February 8, 2012	
Temp & Weather:	Overcast, approximately 38°	
Measurements Made By		Company:
	Murray Riley	Jackson Purchase
Investigated By:	Name:	Company:
	Steve Kingsolver	KPSC
Signed: 5	terek in grobus	
Date:	1-4-17	

Attachment B

Utility Summary Report



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

Your Cooperative Partner by Choice Online at JPEnergy.com

February 15, 2012

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

RECEIVED

FEB 1 6 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

Craig Gerke

Interim Vice President of Engineering

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 were 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

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.

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.

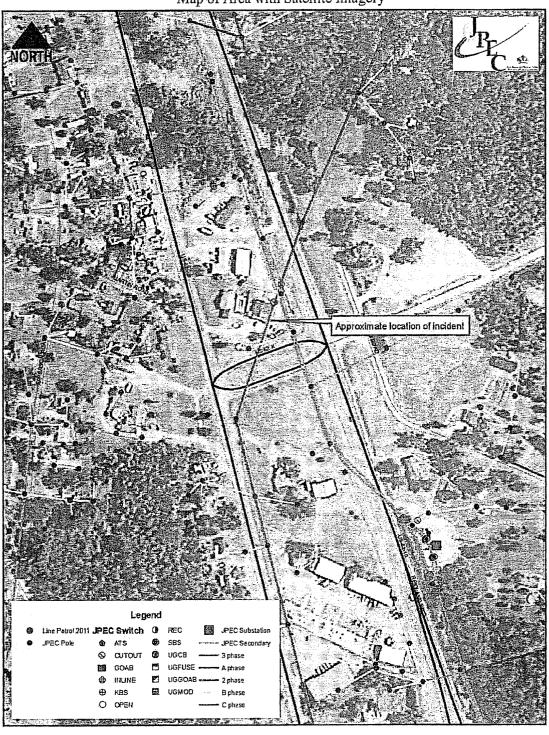
Additional Information

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.

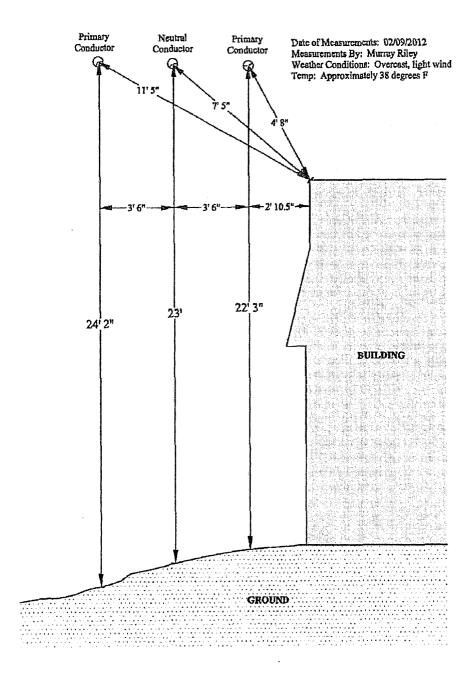
List of Attachments

- 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

Attachment A
Map of Area with Satellite Imagery



Attachment B Measurements



Attachment C

Climate Reports from National Weather Service in Paducah

National Weather Service - Climate Data

http://www.nws.noze.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 certified climate data can be accessed at the NCDC - http://www.ncdc.noaa.gov.

Climatological Report (Daily)

000 CDUS43 KEAH UBUG36 CL1FAH

CLIMATE REPORT HATIONAL WEATHER SERVICE PADOCAH NY 1232 AM CST WED FEB 8 2012

..........

... THE PAINCAN BY CLIMATE SUMMARY FOR FEHRVARY & 2012...

CLIMATE NORMAL PERIOD 1981 TO 2010 CLIMATE RECORD PERIOD 1987 TO 2012

WEATHER ITEM	OBSERVED VALUE	TIME (LST)		YEAR	Hormai. Value	DEPARTUR PROM HORNAL	E LAST YEAR
TEMPERATURE (F	;			*****		*******	
MAXIMM	5.2	158 PM	6.6	1999	47	6	38
MINIMUM	27	720 AM		1982	28	-1	25
AVERAGE	40	4 # Q (PA)	Í	4000	37	3	32
PRECIPITATION							
YESTERDAY	1		1.08	1961	9.13		0.51
MONTH TO DATE						0.12	1.39
SINCE DEC 1	11.95					2.69	4.75
SINCE JAN 1	4.66				4.67	-0:01	2.53
SKOWEFILL (IN)							
YESTERDAY	0.0		6.0	2011	0.1		6.0
MONTH TO DATE	E 0.0					-0.9	6.5
SINCE DEC 1	0.1					-6.0	16.4
SINCE JUL I	0.4				6.2	-5.0	15.4
SNOW DEPTH	Q :						
DEGREE DAYS							
Herting							
YESTERDAY	25				28	-3	3.3
MONTH TO DATE						-	237
	1610						2254
SINCE JUL 1	23-00			2	2773 -	-173 :	2980
COOLING							
YESTERDAY	Ü				Ú	Ü	Û
MONTH TO DATE					Ģ.	3(1	Ų
SINCE DEC 1	ó				Ð	D.	0
SINCE JAN 1	0				0	ø	Ð

Attachment C

Climate Reports from National Weather Service in Paducah Climate Data http://www.nws.noaa.gov/climate/getelimate.php?wfo~pal:

National Weather Service - Climate Data

WIND (MPH) HIGHEST WAR HIGHEST OF AVERAGE WATER	WIND SPEED BOST SPEED DIND SPEED	10 HIGH 13 HIGH 1.8	est vind di Est gust di	RECTION RECTION	w (250) w (250)
	SORSHIRE FZ SKY COVER 0.4				
WEATHER COI THE FOLLOW LIGHT RAN FOR HAZE	HING WEATHER	Was record	en testeriv	<i>.</i>	
RELATIVE H HIGHEST LOWEST AVERAGE	UMIDITY (PER 100 44 72	CURT) HOO AM 1200 PM			
			,,,,,,,,,,,,		
	h ky climate Emperature (1	HORTAL	r today Record 70	YEAR 2009 2001	
MINIPUN T	emperature (P) 28	-1	1985	
SUNRISE AN FEBRUARY FEBRUARY	9 SUNSET 6 20125 9 20125	e aālanus Selanus	52 AM OST 51 AM CST	SUMSET SUMSET	527 PM CST 528 FM CST
R THOTCAT	es negative i es record has es data is ho es trace and	s set or ti Issing.	en.		
46	****		******		
···· AGRI	CULTUPAL DATA	V +4#=7			
SOTI, TEMPE	PATURES AT A	DEPTH OF F	OUR INCHES		
	GROUND I				
***** DATA					
,,,,,,,	. FOR CAPE GE	KARDEAU MIS	SOURT POR	system :	

Attachment C Climate Reports from National Weather Service in Paducah National Weather Service - Climate Data http://www.nws.noan.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, moonsie, 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.

Attachment C

Climate Reports from National Weather Service in Paducah

National Weather Service - Climate Data

http://www.nws.noza.gov/climate/getelinrate.php?wfo-pal:

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 certified climate data can be accessed at the NCDC - http://www.ncdc.noaa.gov.

Climatological Report (Daily)

000 CDUS43 KFAH 090632 CLIPAH

CLIMATE REPORT NATIONAL WEATHER SERVICE PARACAN KY 1230 AM CST THU FEE 9 2012

.........

... THE PADUCAN KY CLIMATE SURMARY FOR PERBURRY STORES. . .

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

TEMPERATURE (F) YESTERDAY MAXIMOM		VALUE	(LST)	VALUE		VALUE	PROM NORMAL	YEAR
TESTERDAY							• • • • • • • • •	
MAXIMUM 43 1239 AM 76 2009 47 -4 26 2001								
MINIMUM 32 855 FM -1 1985 28 4 19 AVERAGE 36 37 2 24 FRECIFITATION (IN) YESTERDAY 0.01 1.00 1945 0.14 -0.13 T FROMEM TO DATE 1.12 1.13 -0.01 1.39 SINCE DEC 1 11.96 9.40 2.55 4.75 SINCE JAN 1 4.67 4.67 4.01 -0.14 2.53		. ~			no destarte		п	2.0
MINIMUM 32 855 FM -1 1985 28 4 19 AVERAGE 38 37 1 24 FRECIFITATION (IN) TESTERDAY 0.01 1.00 1945 0.74 -0.13 T FORMUM 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	MAXIIIM	<i>4 1</i>	1232 A0	30			-4	2.6
AVERAGE 36 37 1 24 FRECIFITATION (IN) YESTERIAN 0.01 1.00 1945 0.14 -0.13 T MANTH TO DATE 1.12 1.13 -0.02 1.39 SINCE DEC 1 11.96 9.40 2.55 4.75 SINCE JAN 1 4.67 4.01 -0.14 2.53			H1 5 50.5				4	* **
FRECIFITATION (IN) YESTERIAN 0.01 1.00 1945 0.14 -0.13 T PONTH 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			855 199	- :	1,350		4	
YESTERDAY 0.01 1.00 1945 0.14 -0.13 T RENERT TO DATE 1.12 1.13 -0.01 1.39 SINCE DEC 1 11.96 9.40 2.55 4.75 SINCE DAN 1 4.67 4.01 -0.14 2.53	AVERAGE	3 6				3/	<u>.</u>	£4
YESTERDAY 0.01 1.00 1945 0.14 -0.13 T RENERT TO DATE 1.12 1.13 -0.01 1.39 SINCE DEC 1 11.96 9.40 2.55 4.75 SINCE DAN 1 4.67 4.01 -0.14 2.53	PRECIPITATION ((111						
SINCE DEC 1 11.96 9.40 2.56 4.75 SINCE DAN 1 4.67 4.01 -0.14 2.53				1.00	1945	0.14	-0.13	T
SINCE JAN 1 4.67 4.01 -0.14 2.53	HONTH TO DATE	1.12				1.13	-0.01	1.39
Supplied the supplied to the s	SINCE DEC 1	11.96				9.40	2.55	4.75
CHANGE I LENA	SINCE JAN 1	4.67				4.03	-0.14	2.53
CHENCEN I LAND								
	SHOWEFALL (IR)							
YESTERDAY 0.0 3.6 1900 0.1 -0.1 T				3.6	1920			
MONTH TO DATE 0.0 1.0 -1.0 6.5	Month to late	0.0						
SINCE DEC 1 0.1 6.2 -6.1 16.4	SINCE DEC 1	0,1						
SINCE JUL 1 0.4 6.3 -5.9 16.4	SINCE JUL 1	0.4				6.3	-5.9	16.4
SNOW DEFTH 0	SNOW DEFTH	Ð						
DEGREE DAYS	herenoù rasvo							
HENTING								
YESTERDAY 27 28 -1 41		5.79				*-0	- t	
MONTH TO DATE 155 228 -73 276								
SINCE DEC 1 1637 2024 -387 2325								
SINCE JUL 1 2327 2801 -474 3021								
SINCE DOLI SSEA WOOL SALE SOCI	STRUE DOT I	654			.•	foot .	-4 ,4	2001
COOLING	COOLING							
YESTERDAY 0 0 0 0		O.				Ġ	þ	0
MONTH TO DATE 0 U U						υ	U	ø
SINCE DEC 1 0 0 0						Qt .	(t	£3
SINCE JAN 1 0 0 0 0		0				0	£1	Ü
***************************************	*********							

Attachment C

Climate Reports from National Weather Service in Paducah

National Weather Service - Climate Data http://www.nws.noaa.gov/climate/getclimate.php?wfo-pal:

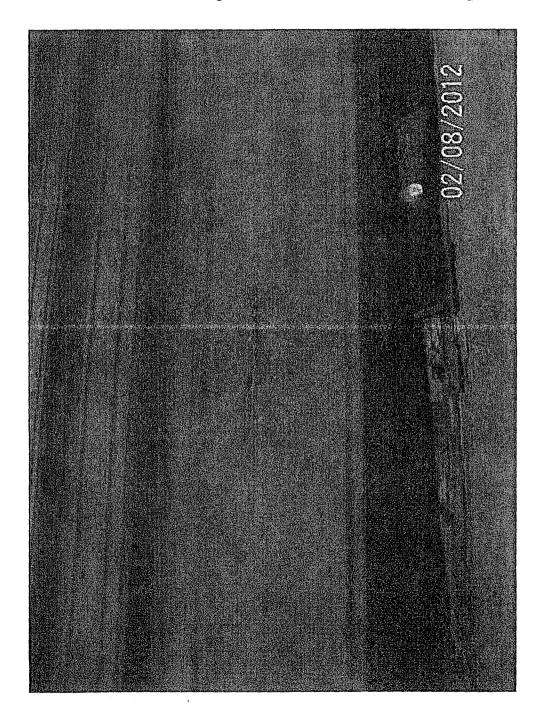
WIND (MPH) HIGHEST WIND SPEED 14 HIGHEST WIND DIRECTION HIGHEST GUST SPEED 18 HIGHEST GUST DERECTION AVERAGE WIND SPEED 7.1 HIGHEST WIND SPEED 11 (350) 11 (350) SKY COVER POSSTBLE SUNSHINE I'M AVERAGE SKY COVER 0.9 WEATHER COMPTTIONS THE FOLLOWING MEATHER WAS RECORDED YESTERDAY. LIGHT BATH POG -HAZE PELATIVE HUMIDITY (PERCENT) 92 700 AM HIGHEST LOWEST 154 700 FM AVERAGE 78 ************** THE PALUCAH KY CLIMATE NORMALS FOR TODAY NORMAL RECORD YEAR HAMIMUM TEMPERATURE (F) 47 2009 1965 MINIMUM TEMPERATURE (F) 26 SUMPLISE AND SUMSET FEBRUARY 9 2012.....SUNRISE 651 AM CST SUNSET 5%E FM CST FEBRUARY 10 2012.....SUNRISE 650 AM CST SUNSET 529 FM CST 538 IM OST - INDICATES REGATIVE NUMBERS. R INDICATES RECORD WAS SET OR TIED. HM INDICATES DATA IS MISSING. T INDICATES TRACE NACUNT. **** AGRICULTURAL PATA ***** SOIL TEMPERATURES AT A DEPTH OF FOUR INCHES UNDER BARE GROUND... HAN: MY MIN: HM UNDER GRASS..... MAX: 46 MIN: 44 ***** DATA FOR CAPE GIRARDEAU MISSOURT FOR 2/8/2012 ***** HIGH: 41 NOW: 31 PRECIPITATION: TRACE

Attachment C

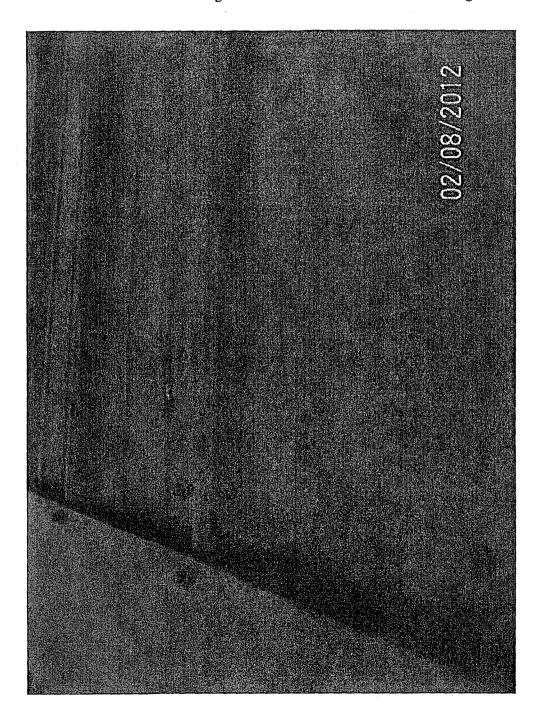
Climate Reports from National Weather Service in Paducah
National Weather Service - Climate Data
http://www.nws.noaa.gov/climate/getclimate.php?wfo=pah

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.

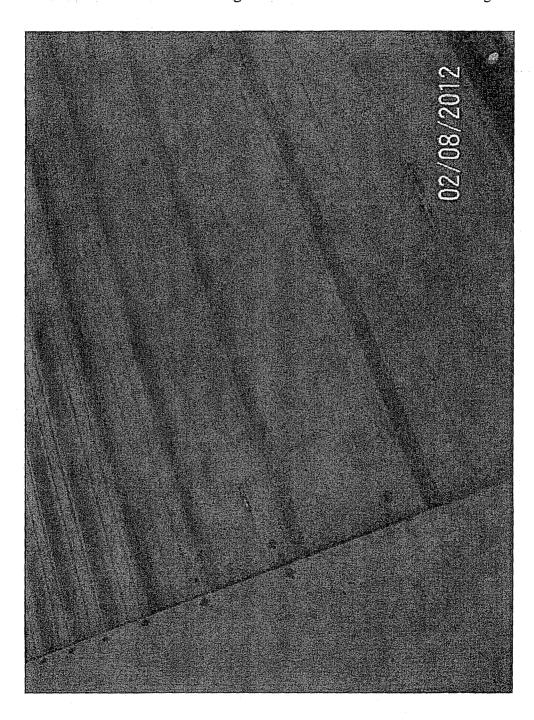
Attachment D
Burn Mark #1 on Roofing Material attached to East Side of Building



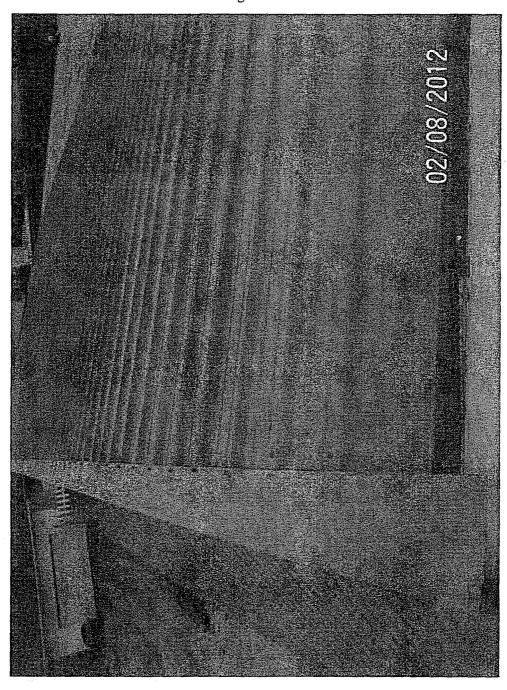
Attachment D
Burn Mark #2 on Roofing Material attached to East Side of Building



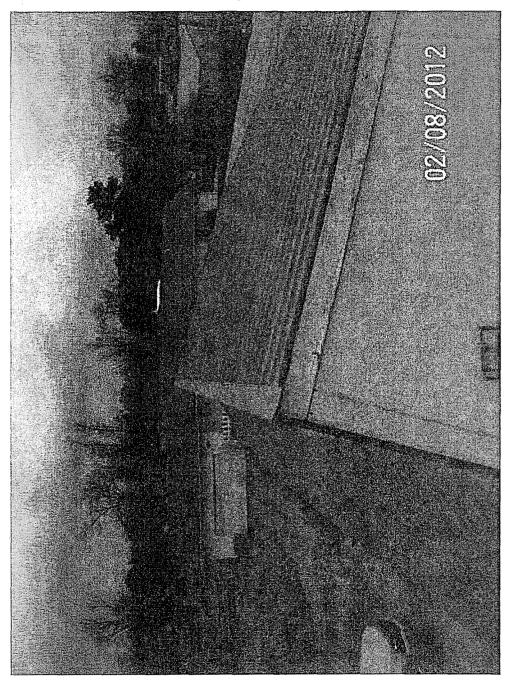
Attachment D
Burn Marks #1 & #2 on Roofing Material attached to East Side of Building



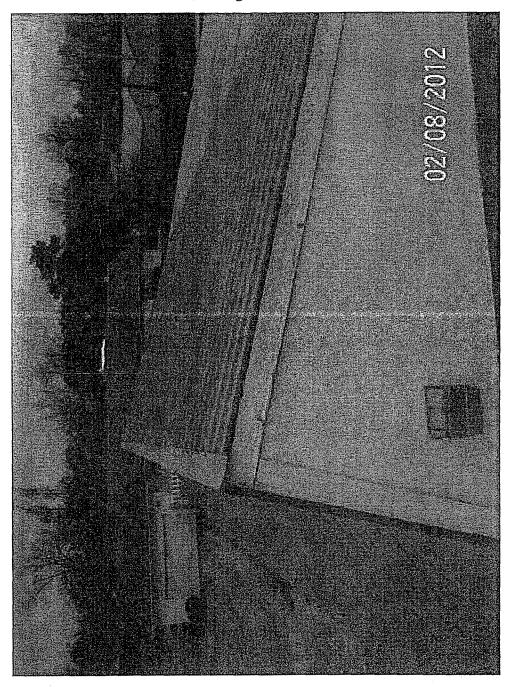
Attachment D
Burn Marks #1 & #2 on Roofing Material attached to East Side of Building
Facing Northwest



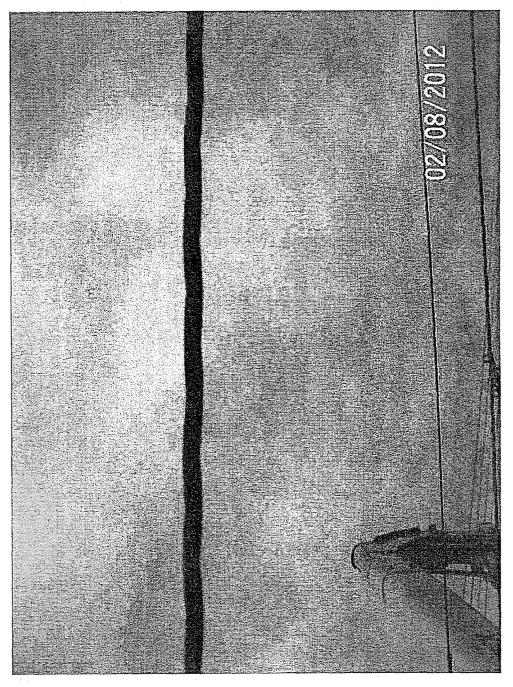
Attachment D Roofline of Building Facing Northwest



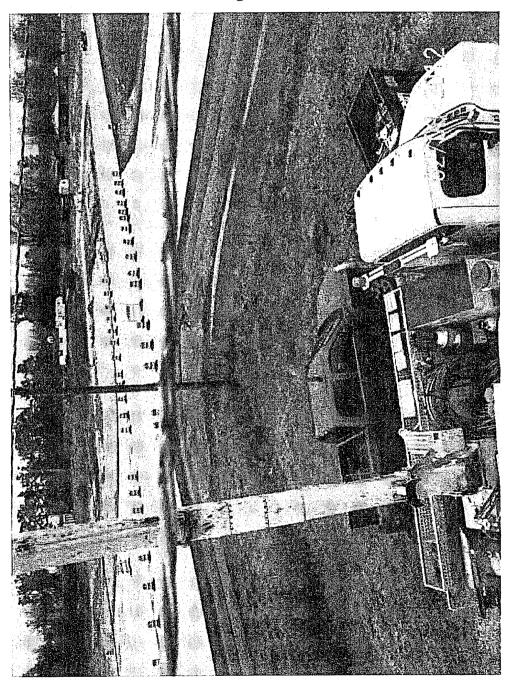
Attachment D
Second Picture of Roofline of Building
Facing Northwest



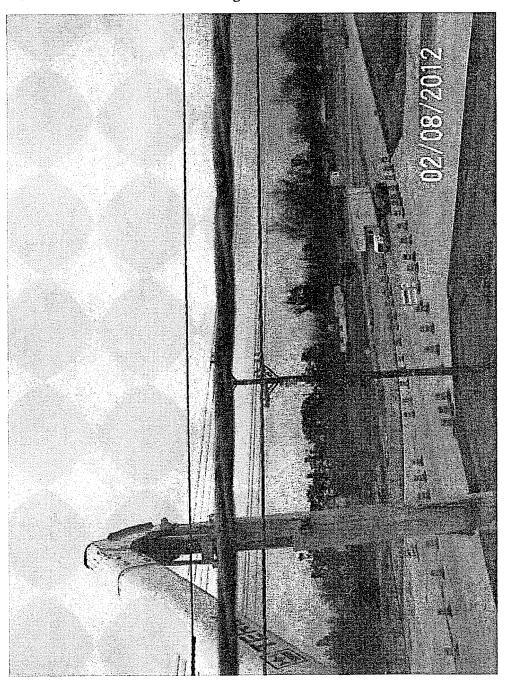
Attachment D
Burn Marks on Conductor
Facing Southeast



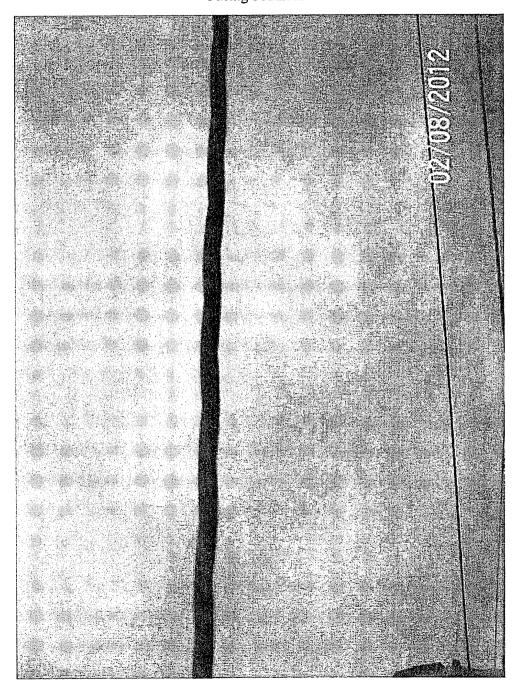
Attachment D
Second Picture of Burn Marks on Conductor
Facing Southeast



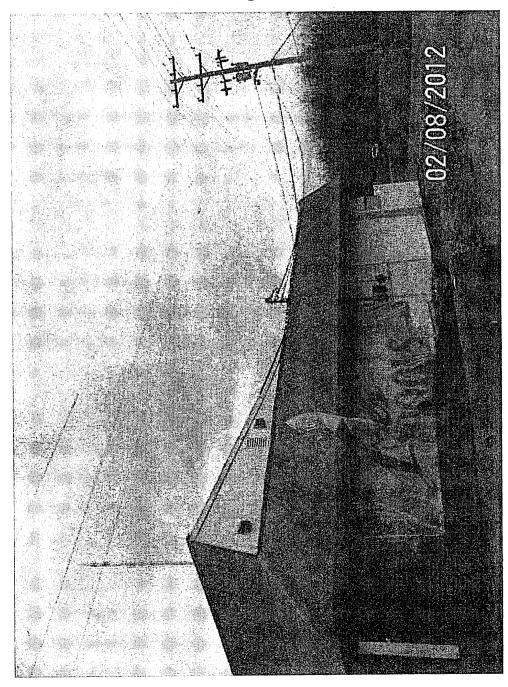
Attachment D Third Picture of Burn Marks on Conductor Facing Southeast



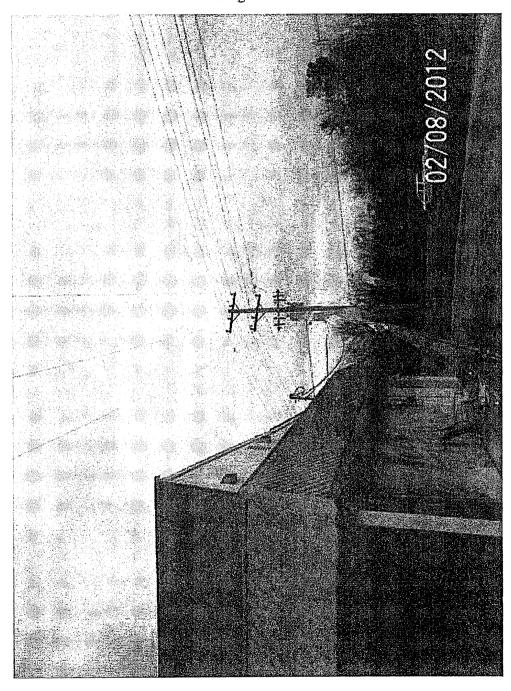
Attachment D
Fourth Picture of Burn Marks on Conductor
Facing Southeast



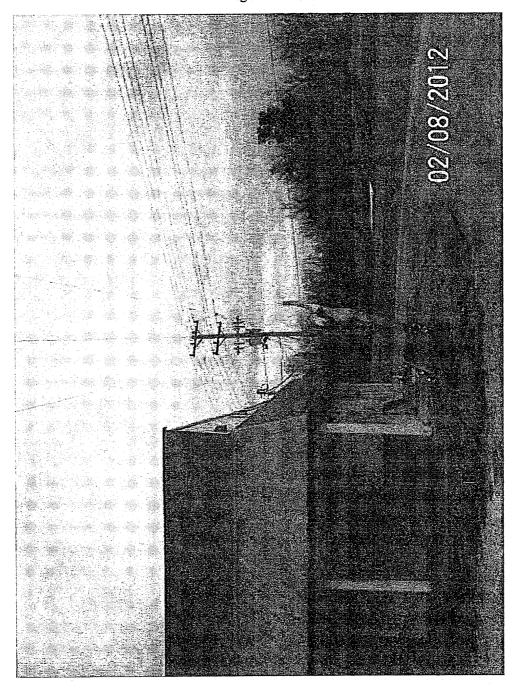
Attachment D
Picture of Building and Overhead Primary
Facing North



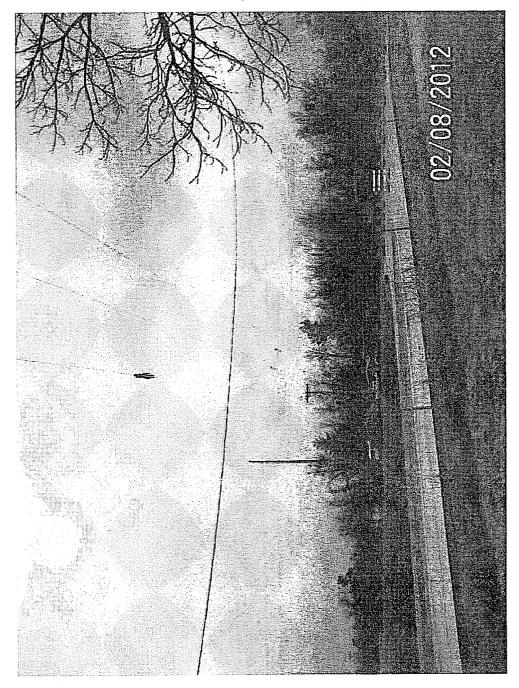
Attachment D
Picture of Building and Overhead Primary
Facing Northeast



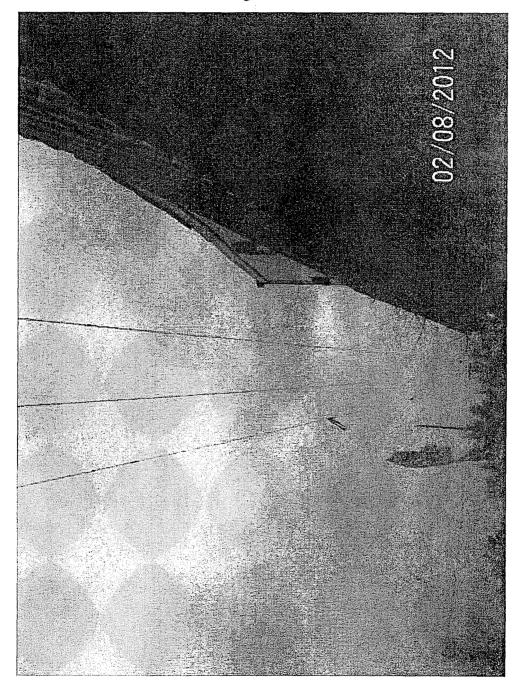
Attachment D
Second Picture of Building and Overhead Primary
Facing Northeast



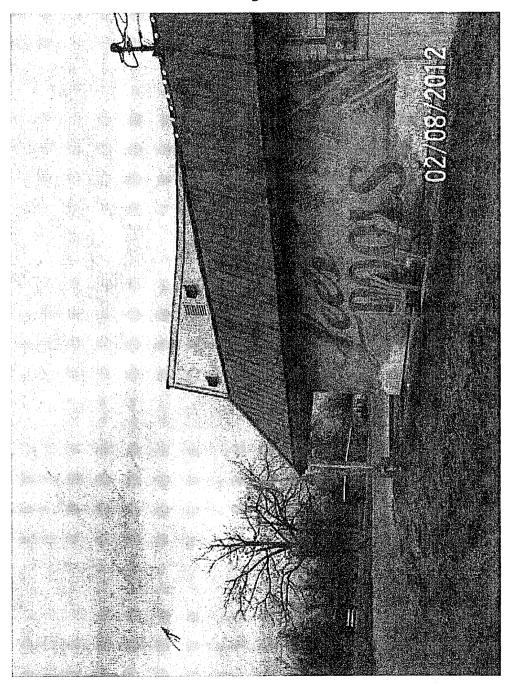
Attachment D
Picture of Overhead Primary
Facing Southwest



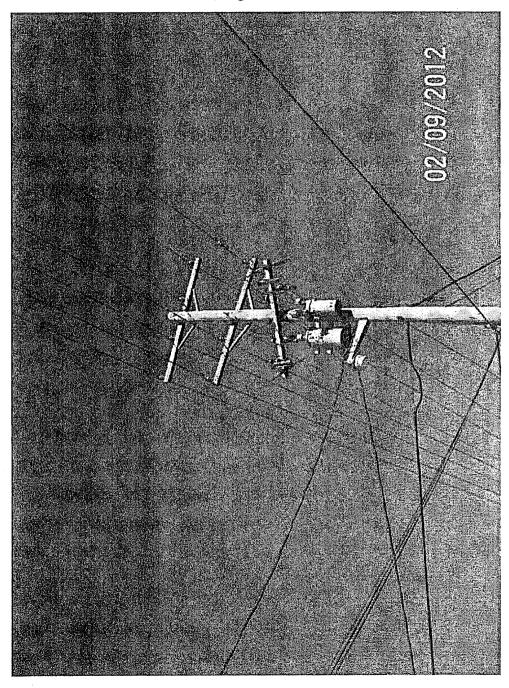
Attachment D
Picture of Building and Overhead Primary
Facing Southwest



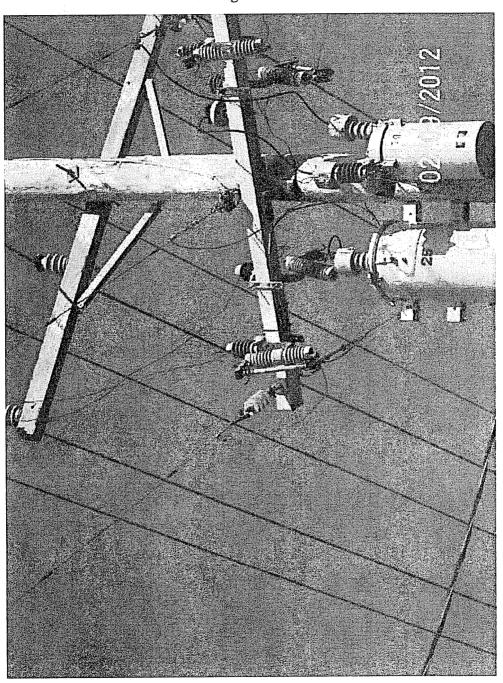
Attachment D
Picture of Building and Overhead Primary
Facing West



Attachment D
Picture of Overhead Primary and Pole
Facing Northeast



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



Attachment E Last Two Year System Inspection for Area

customer didn't want us on his property not our light light is ok

17

	Job Order # Repaired (Int. 11-33729 2/6/2012 17	11-33730 2/6/2012							11-33728		44.33730	
Assigned maint.	maint.		maint.	Sus	gua Gu	maint,	maint.	maint	maint.	Bua	maint	Sus	
	Found	globe gone maint.	upset bolt jacks loose.	replace pole, sop splitting	replace pole, top rotting out	broken guy-in water	ground cut at bottom	globe gone	globe twisted	ald meter pole needs replacing or retiring	one light is missing globe and bulb	pole sounds hollow at bottom	
	ρ́	ΜP	MP	MP							ΔÞ		
7	Reported	12/20/2011	12/20/2011	12/20/2011	12/15/2011	12/15/2011	12/15/2011	12/15/2011	12/20/2013	12/20/2011	12/21/2011	12/21/2011	
	Name	Reidland / Epperson Rd	Reidland / Epperson Rd	Reidland / Ken Mar Rd	Reidland / Kenmar	Reidland / Kenmer	Reidland / Kenmar	Roidland / Kenmar	Reidland / Walker	Reidland / Walker	Reidland / Walker	Reidland / Walker	
	Prikey	310408	310337	310934	310842	310209	310116	310117	310639	310606	310777	310538	

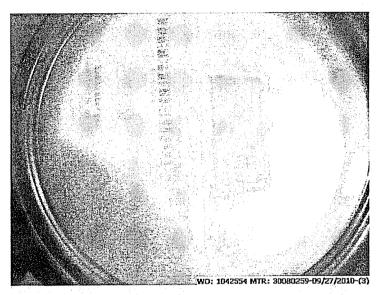
Account No. 41056140 41056032 41056032 4106008 41067080 41067080 41067080 41014008 41014008

Attachment F
JPEC Meter Change

ID-JEL009 10/19/10 USER: GSANDERS JOB ORDER 10-1	ASE R.C. 12:09:19 0035305 42-073-02:
KEYED BY: GREG SANDERSON DATE KEYED: 10/19/10 DESIRED PRINT DATE TIME KEYED: 12:08:45	REGUESTED BY: AMI ChangeOut E: 10/20/10 CREW NUMBER:
ASSOCIATED WITH SERVICE ORDER: 10-0034731 CCH: 965622 4 42-073-022 01 6	METER CHANGE SERVICEMAN READ NE: 270 898-6333 HOME NTY: MC CRACKEN COUNTY IRED COMPLETION DATE: 10/20/10 IRED COMPLETION 10/14/16 I COOP READ: 10/14/16 I COOP KWH READ: 0077697
THITT DA METTER CHENCE-STS REPORTS CANT	SUBSTATION: Culp PEEDER: Culp/Proform
UNIT 20 METER CHANGE-STS REPORTS CANT READ DIGIT ON METER	MAILING ADDRESS
•	4946 REIDLAND RD PADUCAH XY 42003-0000
METER CHANGE - SINGLE PHASE	MOTES
COMPLETED BY DATE 10/19/	Coudget Code:
DEMAND YES NO	Work Order No:
"OLD" "NEW"	Budget Code:
MOLTIPLY BY	Work Order No:
SERIAL NO 39-2411-2/2	
SIZE TYPE SIZE 30 TYPE 34	100
METER READ 777/9 00000	
INSPECTION # DATE	02.948-964
TRANSF #	
IMPEDANCE KVA PHASE	

	Crew Leader: Unit#:
	No.Of Crew Members: Date:
	Names:
	Comments
	Unusual Conditions:
	Existing Hazards:
	Work Procedures;
	Energy Source Controls:
	PPE;
* PENDING METER CHANGE	Traffic Control:
* 10-0034731 10/20/10	Rescue:

Attachment F AMI Meter Change by STS





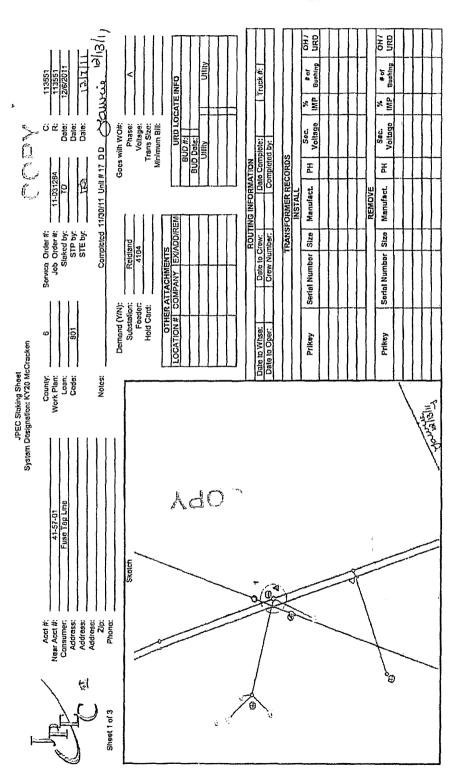
Attachment F AMI Meter Change by STS cont.

Attachment F JPEC Work Order CR113551

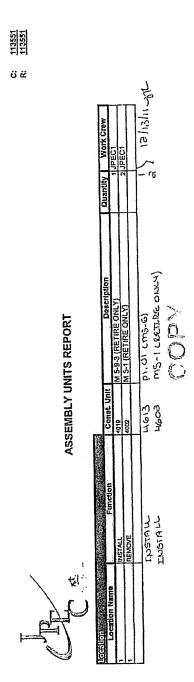
Work Order Summary Sheet

Construction W/O # <u>C 113551</u>	Retirement W/O # (21)355)						
	G/L Account # 108.800 X 108.810						
Map Location: 41-057.001							
County Code: 1 2 3 4	66 <u></u>						
Contractor Code:							
Budget Code: 801 – 00 ()	NOTES:						
Loan #: AS B							
Goes with W/O:							
Phase (1 – 6)							
Date Entered: 12/4/11	6 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -						
Date Released: 19/13/11-yr	COPY						
Date Completed: 1130111							
Month Closed:							
Wire Statistics	Description:						
Add Remove	ADD CUTOUT APPESTOR						
Prl: OH	Open against the second of the						
UG	Consumer:						
Sec. OH_	ADD CUTOUT APRESTOR						
UG							
Ser. OH	Contribution Paid: \$						
UG	Date Paid: Acct#						
Member	Non-Cash Contribution: \$						
	Construction Contribution: \$						
Construction Cost \$	Retirement Contribution: \$						
Retirement Cost \$	Total Contribution: \$						
Actual Gost of W/O \$							
(Construction + Retirement - Contribution paid)							

Attachment F
JPEC Work Order CR113551 cont.



Attachment F
JPEC Work Order CR113551 cont.



Attachment F
JPEC Work Order CR113551 cont.

öë ASSEMBLY UNITS REPORT

Page 7 of 15

Attachment F JPEC Work Order CR113551 cont.

Material Issued From Truck

Job Name Added CLAD	<u> </u>		V III I	۸,	7/1	Date 11-30-11	· · · · · · · · · · · · · · · · · · ·
wat No. 41-57-1			Work Order # 9/R 11355/ &	於		Budget Code 801-00	,
Description	Code	Quan	Description	Code	Quan	Description	Code Qu
Anchors & Arrestore			Splice & Terminatore			Pins	1
nohor (Bell/Bust)	005	5486.	Splice, Tention	510	1,877.73	Insul Adaptor-(Lead Head)	390
nchor-Screw Type	007		Space, Repair	611		Crossarm Pin-Steel	391
nchor-Triple Helix	008	TOTAL	SpEce,Jumper	512		Clamp Type Pin	392
nchor Rods-(Single Eye)	015		Term. Pin (Adapter)	534		Stud-5/8x7-(Post)	393
nchor Rods-Twin Eye	016		Term, Pin 500 MCM.	535		Stud-3/4x1x3/4-(Post)	394
Inchor Rods-Screw Type	017	disk.)	Term, Ser Pin	538	1909.0	Stud All Other	395
Inchor Rods-(Triple Helor)	D16	11000	Term, Lug	537	14670	Angle Mounting-(Mute Hoof)	396
urestor - Distrib OY	030	7	Term. Adapt 4 hole (Paddle)	535		Pole Top	397
rrestor-Secondary	033					Pale Spint	398
mestor-Station 60Kv	035		Bracket				
			Bracket Term-1 Pos	621		Poles	 - -
Bolts, Washers, Nuts, Etc.			Bracket, Term-2 Pos	622		Pole-30'	430
aniaga	040		Bracket, Telm-3 Pos	623	- 18 T	Pole-35	435
Hervis	041	and the	Bracket Term 48 - 6 Pos	626		Pole-35 Gaty, Steel	437
A	042	-	Angle Susp (C3-1)	060		Pole-40	440
oli-Eye	043		Horiz, Insul. (close const.)	061		Pole 45	445
lachine-1/2"	044		Pole Top Post	063	100	Pole-50	450
schine-5/8"	045	Stanta				Pole-55'	455
Sachine-5/8" X 6" or Less	051	Section 1	Codouts & Fasses	-	-	Pole-60'	460
techine-3/4	048	2002/00	Culout Passe	231		Pole-65*	465
		4.	Cutout Load Brk 100 amp	232		Pole-70'	470
himble Eye	048 049		Culout Load Brk 200 amp	232	-	Pole-75'	475
pset		-	Culcut Load Brk 200 amp		-	r vie-13	 ~′° -
Vasher-Curved	551	A Company		240		A - 4/ 2 - 10 - 5 - 1	
Vasher-Round	652	SETTING.	Fuse, Line	241	<u> </u>	Dyedfead, Wire, Bare	1-20-
Vasher-Square	553	2.00	Fuse, Trans - (fipper)	242		4 ACSR	101
Vasher-Square 4x1/2	554	1166	Fuse, Substation	243		2 ACSR	102
Vasher-Anchor Log	555	11111		V 1		1/0 ACSR	103
rossam-Saddle Plate	225	100	Wire, Solid Cooper & Sq. Guard			2/0 ACSR	100
lul-Eya	371	SEC. 1	\$8	- 572	1000	3/D ACSR	104
ul-Lock	372	52537	26	573	20'	470 ACSR	105
ut-Thimble Eye	373	1	64	574		338.6 ACSR	106
ook-Drive	330		SQ. Wire	1418	25'	397.5 ACSR	107
craw Lag	485		BQ. Guard	899	2	500 MCM AA	108
		and the	. T. Y.LEGIAMBIC: CYTULICERT	9.5		350 MCM AA	109
Connectors		382787	Switches	1	*500	652.4 MCM	110
onn, Small	200	557034	Switch, Line Disc.	521	-200-500	6 Std. C	111
Conn, K-1 Jumper	201		Switch, Infine	527		4 Sld, C	112
Conn, Large	202	7	Switch, Line Disc. Gang	5.22		2 Std. C	113
Olsti Centre		-	Switch, DiscSub	524	·	1/0 Std. C	114
Grosserms, Braces, Etc.			Switch By-Pass-400 Amp	525		2/0 Std. C	115
	218	1 tary().	Switch, By-Pass-600 Amp	525	77.77	4/D Std. C	117
Crossam-8'	218	2.00	Switch Auto Reg Syp	528		350 Std. C	118
rossam-8°F/Glass Non-DE	220	1,73,000	эмилионеушр	- 020		500 Std, C	118
Grosserm-10'	224		Ground Rods, Guy Maisrial	-		200 200.0	
rossam-10 F/Glass Non-DE	222		Ground Rod-5/B	261	-	OverHead, Wire, Bervice	
rossam-12	221		Ground Rod-3/4	262	11/25,8112	6 DPX	130
Crossem-All Other		2000 PM	Ground Pole Butl Plate	263	7.00	2 TPX	131
rossem-Assy-(Dead End)	223	1.545.65	Blocker, Stray Voltage	264	1000	1/0 TPX	132
rsce-Alley Arm	055	-	Cre Alloch	270	-	2/0 TPX	133
race-28" (Light 1 sel)	058	ļ	Guy Atlach Guy Atlach (Fiberplass Rod)	269	ļ	3/0 TPX (* 1)	134
irace-60" (Heavy 1 set)	057			271		4/0 TPX	135
Brace-Wood-72*	058		Guy Clamp-3-Bolt	272	-	350 TPX	138
A CARREST AND A CARLON	ļ	g6.850	Guy Grips-(Wrap)	273	2000	4 Quad	141
Armor Rods & Ties			Guy Market			2 Quad	142
umor Rod	020	4,3400	Guy Wire-8M	278	1 1 1 1 1	2 QUAO	
les, Preform-S.T.T.	540		Guy Wire-10M	277			143
Yire Avm Tio-4	571		Guy Wire-3/8"	278		2/0 Clusd	144
			Guy Wire-12.5M	279	_	3/0 Qued . ==	145
Clamps, Stimup & Clavis						4/0 Quad	147
unchor Rod Clamp	070		Hangers	-	ļ	350 Qued	
lead End Clamp (Shoe)	071		Cap-w/Switch	303	ļ	2/0 Std.C	155
round Rod Clemp	072		Trans Cluster 12"	309		470 Std.C	100
Iol Line Gismp OL	073	a	Trans Cluster 24*	310		500 8td.C	158
addle Tep (Stirrup) OV	480	1	R-OCR	312		750 Std.C	159
ervice Grip-(wrep)	075		Alum, Platform	313		350 MCM AL	177
uspen. Clamp (angle shoe)	076	4400	La propieta de la companya de la co	 		500 MCM AL	178
Virgholder-Conduit (K-17)	580		Insulators			2 STD. RHW	164
Sevis, Sec. SW (J-8)	080		Pin Type	354		250 STD. RHW	167
leyls, Sec. SW (K-11)	081		Post Type	355		300 STD. RHW	188
levis, Anchor Shackle	D82		Past Type-Hot(Close Const.)	356		350 STD RHIV	189
Hevis, Sec. Wideback	083		Horiz, Post 69KV	357		(2001) 1.100 (1.100)	
THE PERSON NAMED IN COLUMN	1		23KV Post-(Sub)	358		Marin de la companya	
Capabilors (Misc)	 		Guy Strain-(Fiber Glass Rod)	359		8 7	
apactor, Control	818		Spool	360			
Sepactor, June. Box	818		Buspension-(Bells)	362			
PROMINE, WHILE DIAM			Epoxiator	363			

Attachment F JPEC Work Order CR113551 cont.

Description Primary URD Cable Primary URD URD Primary URD Cable Betondary URD Betondar	642 641 641 845 646 647 855 746 651 652 654 659 659 740 741 741	Description Pads, Pedestate, Shields, Boots Pad (Info Peirk) Ped (Concrets Ped (Pedestate, Shields, Boots Ped (Pedestate, Shields, Boots Box Ped, Trans (Vauf) Box Ped, Trans (Vauf) Box Ped, Trans (Vauf) Box Ped, Cover (Vauf cover) Ped, Power (rec) Shield Cable Riser E' (Shield) Shield, Boxt Up Pole (fi) Boot for Shield Shield, Riser (5 fi) Brackets, Cablmets, etc. Bar, Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos Bracket, Conduit Bracket, Conduit Bracket, Conduit Bracket, Conduit Bracket, Conduit	Code Ou	Controls, Heads, Globes, Ballast S.R. & F.R. Control (Eye al.) S.R. 100W Head S.R. 176W Head Optical, Assembly (Globe all) Ballast S.R. (all but below) Ballast HPS Ballast 100W MH Security & Flood Lights S.R. 109W HPS S.R. 175W MV S.R. 250W HPS F.R. 250W HPS	495 496 496 497 494 499 483 483 488 491 489 490 492
n. 2 Aum URO n. 10 Aum URO n. 10 Aum URO DO Cu Pri. URO DO Cu Pri. URO DO MGM Alum Pri. URD DO MGM Alum Pri. URD Secondary URO Cable & Wire URO DPX NO URO TPX DO URO TPX UF DO UF UF UF	641 845 646 647 655 746 651 652 654 656 657 657 658 659 740 741 741	Pad (Info Perk) Pad, Theologias Trans' Pad, Theologias Trans' Box Pad, Trans (Vauf) Box Pad, Trans (Vauf) Box Pad, Trans (Vauf) Box Pad, Cover (Vauf cover) Ped, Power (see) Shield Cable Riter B' (Shield) Shield, Back Up Pole (fi) Bool for Shield Shield, Riser (5 fi) Brickets, Cabinets, etc. Bar, Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 6 Pos Bar, Trans - Ins - 6 Pos Bar, Pedes - Ins - 4 Pos Bar, Conduit	680 881 682 683 684 586 687 888 589 811 613	S.L. & F.L. Control (Eye al) S.L. 100W Head S.L. 100W Head S.L. 176W Head Optical, Assembly (Globe atf) Batisst S.L. (all but below) Batisst HPS Batisst 100W MH Becurity & Flood Lights S.L. 100W HPS S.L. 175W MV S.L. 250W HPS F.L. 250W HPS	496 496 497 494 499 483 483 488 491 489 490
AT ID Alum URD A MAIN URD O CA PA LIRD XI MARTH URD XI MCM Alum PA LURD SO WCM Alum PA LURD BEFORDARY URD Cable & Wire URD DPX O URD TPX UF W/Grd. UF UF UF UF UF UF	641 845 646 647 655 746 651 652 654 656 657 657 658 659 740 741 741	Pad. Concrete Pad. Fiberglass Trans Box Pad. Trons (Vault) Box Pad. Trons (Vault) Box Pad. Cover (Vault cover) Pad. Power (sec) Shield Cable Riser & (Shield) Shield, Back Up Pole (fi) Boot for Shield Shield, Riser (5 fi) Brackets, Cabbrets, etc. Bar. Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 4 Pos Bar, Pades - Ins - 4 Pos	680 881 682 683 684 586 687 888 589 811 613	S.T. 100W Head S.T. 176W Head Optical, Assembly (Globe sit) Ballast S.L. (all but below) Ballast HPS Ballast HPS Sc. 100W MH Becurity & Flood Lights Sci. 100W HPS Sci. 175W MV SCI. 250W HPS FAI. 250W HPS	496 496 497 494 499 483 483 488 491 489 490
A 4/0 Akm URD DO CU PÁ. URD DO CU PÁ. URD DO CU PÁ. URD DO MCM Akm PÁ. URD SO MGM Alum PÁ. URD SO MGM Alum PÁ. URD SO MGM Alum PÁ. URD DO URD DPX DO URD TPX DO URD UF DO UF UF DO UF UF DO UF UF DO URD	845 646 647 855 746 651 652 654 656 657 657 658 659 740 741	Ped. Fiberglass Trans Box Ped. Trans (Vault) Box Ped. Cover (Vault cover) Ped. Power (sec) Shield Cable River E' (Shield) Shield Back Up Pole (ft) Bool for Shield Shield, Riser (5 ft) Brackets, Cabbest, etc. Bar, Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos Bracket, Conduit	861 682 683 684 686 687 888 589 589	Sf. 176W Head Optical, Assembly (Globe sit) Batlast Sf. (all but below) Batlast Sf. (all but below) Batlast HPS Batlast 100W MH Security & Flood Lights Sf. 109W HPS Sf. 175W MV Sf. 250W HPS Ff. 250W HPS	496 497 494 499 483 488 491 489 490
00 Cu Pri. URD 00 MCM Alum Pri. URD 50 MGM Alum Pri. URD 60 URD TPX 60 URD 60	646 647 655 746 651 652 654 656 657 658 659 740 741	Box Pad, Trans (Vaut) Box Pad, Gover (Vaut) Box Pad, Gover (Vaut) cover) Ped, Power (sec) Shield Cable Rizer 8' (Shield) Shield, Bock Up Pole (fi) Bool for Shield Shield, Rizer (5 fi) Birckets, Cablmets, etc. Bir, Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos Bar, Conduit	682 683 684 686 687 888 689 931 613	Optical, Assembly (Globe atf) Battest SR. (all but below) Battest HPS Battest 100W MH Becurity & Flood Lights SR. 100W HPS SR. 175W MV SR. 250W HPS FR. 250W HPS	497 494 493 483 488 491 489 490
DO MCM Alum Pri. URD 50 MCM TPX 60 URD TPX 60 U	647 655 746 651 652 654 656 657 658 659 740 741	Box Ped. Cover (Vault cover) Ped, Power (sec) Ped, Power (sec) Shield Cable River 8' (Shield) Shield, Back Up Pole (f) Boot for Shield Shield, Riser (5 ft) Brackats, Cabbrets, etc. Bar, Trans - Bace Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos	683 684 586 687 888 689 811 613	Batlast SA. (all but below) Batlast HPS Batlast 100W MH Batlast 100W MP Security & Flood Lights SA. 100W HPS SA. 175W MV SA. 250W HPS FA. 250W HPS	494 499 483 488 491 489 490
50 MCM Alum P.d. URD Becondary URD Cable & Wire URD DPX IO URD TPX IO URD	655 746 651 652 654 656 657 658 659 740 741 742	Ped, Power (sec) Shield Cable Riser B' (Shield) Shield Back Up Pole (fi) Bool for Shield Shield, Riser (5 ft) Brackets, Cablests, etc. Bar, Trann - Baro Bar, Trann - Ins - A Pos Bar, Trann - Ins - A Pos Bar, Trann - Ins - A Pos Bar, Preds - Ins - 4 Pos Bar, Preds - Ins - 4 Pos Bar, Podes - Ins - 4 Pos Bar, Podes - Ins - 4 Pos Bracket, Conduix	684 686 687 888 689 811 613	Ballast HPS Batest 100W MH Becurity & Flood Lights SAL 100W HPS SAL 175W MV SAL 250W HPS FAL 250W HPS	499 483 488 491 489 490
Berondary URD Cable & Wire URD DPX AD URD TPX AD Quad AD Qu	746 651 652 654 656 657 658 659 740 741	Shield Cable Riter 6' (Shield) Shield, Back Up Pole (f) Shoot for Shield Shoot for Shield Shield, Riter (6 f) Bar, Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Trans - Ins 0 or 9 Pos Bar, Trans - Ins - 4 Pos Bar, Predes - Ins - 4 Pos Bar, Conduit Bar, Conduit	586 687 888 589 811 513	Batast 100W MH	483 488 491 489 490
Berondary URD Cable & Wire URD DPX AD URD TPX AD Quad AD Qu	651 652 654 656 657 658 659 740 741	Shield Cable Riter 6' (Shield) Shield, Back Up Pole (f) Shoot for Shield Shoot for Shield Shield, Riter (6 f) Bar, Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Trans - Ins 0 or 9 Pos Bar, Trans - Ins - 4 Pos Bar, Predes - Ins - 4 Pos Bar, Conduit Bar, Conduit	587 688 589 811 613	Security & Flood Lights S.T. 105W HPS S.T. 175W MV S.T. 250W HPS FIL 250W HPS	488 491 489 490
URD DPX DURD TPX DURD TPX DURD TPX DURD TPX SO URD TPX TO URD TPX TO QUAD TO	651 652 654 656 657 658 659 740 741	Shield, Back Up Pole (f) Bool for Shield Shield, Riser (5 ft) Brackets, Cabinets, etc. Bar, Trans - Bace Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 4 Pos Bar, Trans - Ins - 4 Pos Bar, Predes - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos Bar, Podes - Ins - 4 Pos Barneket, Conduix	587 688 589 811 613	SAL 100W HPS SAL 175W MV SAL 250W HPS FAL 250W HPS	491 489 490
URD DPX DURD TPX DURD TPX DURD TPX DURD TPX SO URD TPX TO URD TPX TO QUAD TO	651 652 654 656 657 658 659 740 741	Bool for Shiext Shield, Riser (5 ft) Brackets, Cabbrets, etc. Bar, Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos Bracket, Conduix	589 589 811 613	SAL 100W HPS SAL 175W MV SAL 250W HPS FAL 250W HPS	491 489 490
I/O URD TPX I/O QUAD I/O QU	651 652 654 656 657 658 659 740 741	Shold, Riser (5 ft) Brackets, Cabinets, etc. Bar, Trans - Bare Bar, Trans - Int - 4 Pos Bar, Trans - Ins 0 or 9 Pos Bar, Trans - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos Bar, Conduit	589 811 613	SAL 100W HPS SAL 175W MV SAL 250W HPS FAL 250W HPS	491 489 490
NO URD TPX NO URD TPX NO URD TPX SO URD TPX NO Quad NO Quad SO Quad SO Quad SO Quad SO Quad SO Quad SO UF W/Grd. SU2 UF SO UF W/Grd. SUF SO UF SO SUF SO UF	652 654 656 657 658 659 740 741 742	Brackets, Cabhets, etc. Bar, Trans - Bare Bar, Trans - Int - 4 Pos Bar, Trans - Ins - 6 or 8 Pos Bar, Trans - Ins - 4 Pos Bar, Pedes - Ins - 4 Pos Bracket, Conduit	811 613	S.C. 175W MV S.C. 250W HPS F/C 250W HPS	491 489 490
UPD TPX 150 URD TPX 150 URD TPX 150 URD TPX 150 Quad 150 Quad 150 Quad 150 QUB 150 QU	654 656 657 658 659 740 741	Bar, Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Trans - Ins 6 or 8 Pos Bar, Pedes - Ins - 4 Pos Bracket, Conduit	613	S/L 250W HPS F/L 250W HP5	489 490
UPD TPX 150 URD TPX 150 URD TPX 150 URD TPX 150 Quad 150 Quad 150 Quad 150 QUB 150 QU	656 657 658 659 740 741 742	Bar, Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Trans - Ins 6 or 8 Pos Bar, Pedes - Ins - 4 Pos Bracket, Conduit	613	F/L 250W HPS	490
50 URD TPX 70 Quad 70 Quad 750	656 657 658 659 740 741 742	Bar, Trans - Bare Bar, Trans - Ins - 4 Pos Bar, Trans - Ins 6 or 8 Pos Bar, Pedes - Ins - 4 Pos Bracket, Conduit	613	F/L 250W HPS	490
IN Quad IN WASA IN I	657 658 659 740 741 742	Ber, Trans - Ins - 4 Pos Bar, Trans - Ins 6 or 8 Pos Bar, Pedes - Ins - 4 Pos Bracket, Conduit	613		
20 Quad 150 Quad 150 Quad 1022 UF W/Grd. 1022 UF W/Grd. 10 UF 10 UF 3 UF	658 659 740 741 742	Bar, Trans - Ins 6 or 8 Pos Bar, Pedes - Ins - 4 Pos Bracket, Conduk		S/L 400W MV	
150 Quad (102 UF W/Grd. 122 UF (102 UF W/Grd. 15 UF 15 UF 15 UF 123 UF W/Grd.	740 741 742	Bar, Pedes - ins - 4 Pos Bracket, Conduit	1 614		
DZ UF W.Grd. 22 UF DG2 UF W.Grd. 3 UF 10 UF 5 UF 123 UF W.Grd.	740 741 742	Bracket, Conduit		SAL 400W MH	2503
12/2 UF 10/2 UF W/G/d. 3 UF 10/5 5 UF 12/3 UF W/G/d.	741 742		615	F/L 1000W MH	505
12/2 UF 10/2 UF W/G/d. 3 UF 10/5 5 UF 12/3 UF W/G/d.	742		620		
10/2 UF W/Grd. 3 UF 10 UF 3 UF 12/3 UF W/Grd.	742		628	Decorative Lighting	1
3 UF 10 UF 3 UF 12/3 UF W/Grd.		Cabinet, 4 Junct. 3-Phase	630	Breaksway Base (Info Park)	2100
10 UF 3 UF 12/3 UF W/Grd.	743				
SUF 12/3 UF W/Grd.		Cabinet Junct. 1-Phase	632	Pole (Info Park)	2200
12/3 UF W/Grd.	744	Sleeve, Grd 1-Phase (Vault)	633	8' Arm (Info Park)	2300
12/3 UF W/Grd.	745	Box Pad, Switch Gear	631	Head 400W MH/480V (Info Park)	2400
	747	Switchgear PMH6	637	AAL Fedure (Info Park)	2401
IWS UF	748	1	1-1-	AAL Pole (Info Park)	2201
	170	1 1-10-4-1-	1		2405
eduction in the second of	ختانت	URD, Spilce, Term, Misc.	1	Fixture 1000w (Info Park) Big Sq	
Arrestors		Tee Spice 1/O	1008	Pole (West Park)	2202
Arrestor-Ebow	031	Spice URD Repair (Pri)	691	Foture-Acom 150W hos (West Park)	2402
Arrestor-Parking Stand	705	Spice URD Repair (Sec)	692	Screw Base	1999
		Solice Cover (Sec)	693	Bracket Arm/2 Light (Woodlawn)	2403
		Spāce Jackel	694	Fbdure-Acom 100W HP5	503
Condult			695	20' Fb Glass Pole (Direct Bury)	504
Conduit 1/2" PVC	651	Seating Kit (Cold Shrink)			
Conduit 3/4" PVC	652	Support Cable (PigTall)	697	Cobra Head (400VV 2/unit)	501
Conduit, 1º PVC	663	Term Bushing (Well Bushing)	706	Cobra Head (250W St Light HPS)	502
Conduit, 1.1/4 PVC	664	Rotatable Freed Thru (Well)	707	Cobra Head (100% HPS)	506
	665	Pothead (2 thru 4/0)	710	Acom Head (400W MH)	507
Conduit 11/2 PVC			711	Acom Head (175W MH)	2500
Conduit 2-2 1/2" PVG	668	Pothead (all other-750)			2409
Conduit 2-2 1/2" Rigid	766	Term Indoor	715	Mongoose Fedure 250W HPS	
Conduit 3" PVC	687	Term Elbow-4/0	714	Roadway Foture 100W HPS typell	2404
Conduit 4" PVC	668	Term Elbow-500 MCM	715	10' Am (Only)	500
Conduit, 4" Rigid	768	Term Elbow#1/0	717	IS/L Concrete Foundation	2000
	660	Term Elbow#2	718	Dide Screw Base (Lerge)	2105
Conduit 5* PVC			720	Pole 30' Tepered Size! Pole Bronze	2203
Conduit 5° Rigid	769	Spice,500 URD.16KV		Pole 30' Fiberplass Black	2204
Conduit 6" PVC	B77	Term Junc1 Pos	721		
Conduit 6" Rigid	777	Term Junc -2 Pos	722	Pole 35' Steel	2205
The state of the s		Term June 3 Pos	723	Pole 30' Tepered Alaminum	2208
Conduit Elbow, Cap & Adaptor		Term Junc4 Pos	724	Pole 12' NH Black Fluted	2207
	670	Term June - Caps (Ground)	730	8 Arm (for SQ. Steel Pole)	2303
Elbow-1" PVC			728	B' Arm Black	2304
Elbow-1 1/2" PVC	671	2-Way Loadbreak Junc.	1,20	10 com coeck	1
Elbow-2-2 1/2" PVC	672		12.3		+-+
Elbow-2-2 1/2" Flight	772	600 Termination Kit			1
Ibow-3* PVC	673	Cable Adepter	733		1
Elbox-4' PVC	674	Elbow Housing	734	T 1. Til	أتنا
	274	Connector Plug	736		
Elbow-4" Rigid			737		1
Elbow-6" PVC	676	Term, Dead End Plug			+
Row-5 Rigid	776	Well Bushing Reducer 600 Amp	738		+
Ibow-6 PVC	678	insul Plup	739		1
Ibow-8' Rigid	776		1 1		
Vented Cap & Adaptor (all)	578	Security & Flood Light Bulbs			
	 	S/L Buth-100W Metal Halido	482	La company of the com	1
		SAL Buto-100W	485	The state of the s	T
Polypipe	11				1
2 - 2 1/2" Polypipe	2825	Bub,150W HP5	2502		+
(* Pohpipe	2860	But 175W & 400W MV	493		+
2 1/2" Polypipe Coupling	2826	Bulb, 175W Metal Halide	2501		11
	2841	Butb,250 W HP6	487		⊥ _[
1" Polypipe Coupling		Buth 400 W Metal Helide	2500		
To have the second of the second	1000		484	*** **********************************	1
<u></u>		F/L Bub-1000W Metal Halide	404		+
		The state brighten			1
					1
	1-1-	, feliging the following the second			\perp
		THE HILL OF A MANUAL CASE	1 1	 Feb. 12 to to D. Suelon A. — white to to	1
4.1			1 - 1 -	The state of the s	1
3 30 1 1 1 1 1 1 1 1					1-1
	1. 1		1		+
			1 1		4

Contractor/Employee	<u> </u>	 		Entered By Junio 8/13/11	
	70			Prepared By	i
		 	rear that can be		4
			The professional and the second second		
			Taligor Control Control		
			PERMITTED FOR STOLEN	First Ext. Science and Section 1997	1
		1			

Attachment F JPEC Work Order CR113551 cont.

Material Returned From Truck

RETURNED FOR: Coop	- Corstr.		Retirement [] Cont	rector - C	onstr.	No. <u>(1813551)</u> TRANC		
Description	Code	Quan.	Description	Code	Quan	Description	Code	Que
Anchor, 6-8-10M	005		COND. B O/H -	1	-	Ground Pole Butt Plate	263	- Que
Anchor, Screw Type	007		6 Std. C	111		Blocker, Stray Voltage	264	ļ
Anchor	008		4 Std. C	1112	 	DOCKET, SUBY VINIAGE	204	
Anchor Rods	015		2 Std. C	113		Guy Attach, for Guy Str.	269	
Anchor Rods - Twin Eye	016		1/0 Std. C	114	-	Guy Atlachment	270	
Anchor Rods, Screw Type	017	<u> </u>	2/0 Std. C	115		Guy Clamp - 3 Bolt	271	
Anchor Rods, J233787	018		4/0 Std. C	117		Guy Grips	272	
1000	100		350 Sal. C	118		Guy Guards	273	
Armor Rod	020		500 Std. C	119		Guy Wire - 8M	276	-
Arrestor, Distrib.	030	110	435 JM. C	1	-	Guy Wire - 10M	277	
Arrestor, Elbow	031	14	COND. SER.	1		Guy Wire - 3/8"	278	
Arrestor, 9KV Inter.	032		6 DPX	130		Guy Wire - 3/8* Guy Wire - 12.5M	279	
Arrestor, Secondary	033		2 TPX	131			1-1-	
Arrestor, Transformer	034		1/0 TPX	132		HANGERS -		
Arrestor, Station; 60 KV	035		2/0 TPX	133		Capac - w/Swith	303	
			3/0 TPX	134		3T Band Ovr	305	
BOLTS -	4 program		4/0 TPX	135		2T Bolt Und	306	
Саптідзе	040		350 TPX	136		3T Bok Und	307	
Clevis	041	ha. I		1	10	3T Bolt Out	308	
D.A.	042	:536 7 3	4 Quad	141	5 (1.27)	6M3 (TR/OCR)	309	
ye .	043	1.460.00	2 Oued	142	325.5	15M 36	310	-
lachine - 1/2"	044		1/0 Qued	143		H-OCR Clust.	311	
Machine - 5/8"	045	100	2/0 Quad	144	100 27 74	R-OCR	312	
Machine - 3/4"	046	ar ar	3/0 Quad	145		Alum Pialform	313	
Thimble Eup	048	4777	4/0 Quad	146		4-Way Pole Bend	314	
Opset	049		350 Quid	257		5 N. W. C.	1 5.1	
Machine - 5/8' × 6'	051	30°5 - 4	SAV COLL	1.3/		Hook Drive	330	
AUGURE 5/6 FU	1 2.		2/0 Std. C	185		TI SUR CATE	100	
Brace, Alley Arm	055		4/0 SM C	156		INSULATORS -	+-+	
Brece, Wood - 28"	056		3/0 SAL C	1 30		Pin Type	354	
Brace, Wood - 60"	057	1	500 Std. C	158		Post Type	355	
Brace, Wood - 72	058		750 Std. C	159		Post Type - Hor.	356	
orde, moru-72	100		13030.0	1337		Horiz Post - 69	357	
BRACKET -		10.0	1/0 ST P/CU	161		23 KV Post	358	
Angle Susp.	060		4/0 ST P/CU	164		Guy Strain	359	
Horiz Insul	061		1 10000 1000	1.94		Spool	350	
Pole Top Pin	062		350 MCM AL	177		Suspension	362	
Pole Top Post (Light)	063		500 MCM AL	178		Epoxilator	363	
Pale Top Post (Heary)	066	11 11 1	The street with the best of the street	1		Fiberglass - 600 Voli Buss	364	
entre in the way of the trade		10	2 Std. RHW	184		rga Egyan - e	+-1	
CLAMPS -	1		250 Sid. RHN'	287	-	Nut, Eye	371	······································
Anchor Rod	070		300 Std. RHW	188		Nut Lock	372	
Dead End	071		350 Std. RHW	169		Nut. Thimble Eye	373	
Ground Rod	072		r agent gelffisielt. Helf sei			ereal.	1	
Hot Line	073	5	Conn, Small	200		PINS -	1	
ervice Grip	075	-	Conn. K-1 Jumper	201		Insul. Adaptor	390	
Atspension	076		Com, Large	202		Steel Crossamn	391	
West Carties of the same of	er egget til	100,000	agenta de la color de la c			Clamp Type	392	
Davis, Sec. SW	080	7.5	Crossam - B'	218	75.	Stud - 5/8 x 7	393	
Clevis, Ser. SW	081	(J. 1)	Crossam - 10'	220		Shad - 3/4 x 1 x 3/4	394	
Jeuls, Anchor Shackle	082	1	Crossami - All Other	221		Stud - All Other	395	-
Jevis, Sec. Wide Back	083		Crossarm - 12'	222		Angle Mounting	396	
National Communication of the			Crossarm Assy 8"	223		Pole Top	397	
COND. B O/H -			Crossam - Saddie Piste	225		A Arguer 1	1 7	
Z/D ACSR	100	12.5	a katamatan kaliban ka			Pole Spirit	398	
ACSR	101		Cutout, Single Type	231				
AC5R	102	. 10 1 1	Cutout, Load Break	232		Pole - 25'	425	
/D ACSR	103	et isigi	Cutout, Load Brk, 200 Amp	233		Pole - 30'	430	
/O ACSR	101		Cutois, Comb. Arrestor	234		Pole - 35' Pole - 40'	435	
/D ACSR	105		us files of miles and leave to			Pole - 40'	440	
36.4 AAAC	106		Fuse, PDMT Trans.	24D	35 1	Pole - 45	445	
97.5 AAAC	107	1000	Fuse, Line	241		Pole - 50' 💝	450	
00 MCM AL	108		Fuse, Transformer	242		Pole - 55'	455	
ISO MOMINA	109		Fuse, Substation	243		Pole - 60'	460	
52.4 MCM	110				$\neg \neg$	Pole - 65°	465	
	7		Ground Rod - 5/8"	251		Pole - 70°	470	
***************************************			Ground Rod - 3/4*	252		Pok - 75"	475	

Attachment F JPEC Work Order CR113551 cont.

Description	Code	Quan.	Description	Code	Quan.	Description	Code	Quan
Seddle Tep · Stimp	480		Bracket, Term - 1 Pox	621		Splice, 500 URD, 15KV	720	
Screw, Lag	485	N	Brecket, Term - 2 Pos	622	12.00	Term June - 1 Pos	721	
100 H B. H	100		Bracket, Term - 3 Pos	623		Term June - 2 Pos	722	ļ
100 Wart Bulb 250 Watt Bulb	486		Bracket, Term 48 · 6 Pos Bracket, Stand-Off Con:	626 628		Term June - 3 Pos Term June - 4 Pos	723	
100 Wan Light	488	 	Cabinet, 30, 3 Junet.	629		Term June - 2 Pos, 1 Pos	724	
250 Watt Light	489		Cabinet, 30, 4 Junct	630	-	Term June - Caps	730	
Flood Light	490		Box Parl, Switch Gear	631		Cable Ad (655-CA-L)	733	
Sec. Lite - 175W	491		Cabinet, Switch CW326	632		Elbow Housing (655 BLR)	734	
Sec. Lile - 400W	492	in and the	Skerie, Ged. (for CW326)	633		Term Junc - Test Rods	735	
Sec. Lite - Bulb	493	1	Transclosure	636	100	Connector Plug	736	- 1
Sec. Lite - Ballasi	494		Switchgear PAIH6	637		Term, Dead End Pilog	737	-
Sec. Lite - Control	495	a ma e	Lancidal Austrian	100 (10)	.0.90%1	Well, Bushing Reducer	738	
Sec. Lite - 175W Head	496		URD CABLE -		Aura Ari	Insul. Plug (650 BIP)	739	
			Prl 2 Copper	640	The second	Wire, 10/2 UF W/Grd.	740	10.00
Assembly, Optical 11-5-6	497		Pri 1/0 Alum	641	100	Was, 12/2 UF	741	
100 Watt Heads	498		Pri 2 Akm	542		Wire, 10/2 UF	742	
10' Arra Only	500		Pri 4/0 Alum	645		Wire. B UF	743	
Street Lite - 250W - Cobra	502		500 Copper Pri	646		Wire, 10 UF	744	
Lite, Acom 20' F.G. Pole	503 504		500 MCM AL Pri	647		Ware, 6 UF	745	
Flood Lite • 1000W Metal Habite	505		500 MCM AL Sec. Sec - 2 TPX	64B	179.00	6 DPX URD Wire, 12/3 UF W/Grd.	746	
Street Lite - 100W - Cobra	506		Sec - 2/0 TPX	652		Wite, 10/3 UF	748	
Facture - 150W HPS	2402		Sec - 4/0 TPX	654		Wae, 10/3 OF	740	
Bub - 400W MH	2500		Sec - 350 TPX	656		Auto Booster	801	
B-20 - 175W MH	2501	-	Sec - 1/0 Quad	657		Cap Bank, 300 KVAR w/Sw.	803	<u> </u>
Buto - 150W HPS	2502	-	Sec - 4/0 Quad	658		Cap Benk, 450 KVAR w/Sw.	804	
——————————————————————————————————————			Sec - 350 Ouad	659	27,4700	Cap Benk, 600 KVAR w/Sw.	805	
Splice, Tension	510			100		Cap Bank, 300 KVAR w/o Sw.	806	
Splice, Repair	511	Above 4	Conduit, 5"	660		Cap Bank: 300 KVAR w/o Sw.	807	
Spèce, Jumper	512	-10	Conduit, 1/2"	661		Capacitor, 100 KVAR	812	
	3.5	J. Frank	Conduit, 3/4"	662	"Harry"	Capacitor, 150 KVAR	813	
Switch, Line Disc.	521		Conduit, 1'	663	,	Capacitor, Control	816	
Switch, Line Disc. Gang Op.	522	100 10	Conduit, 1 1/4"	664		Capacitor, June. Box	818	
Switch, Disc. J035562	524	eses,	Conduit, 1 1/2"	665		Test Switches, Meter 1020F	819	
Switch, By Pass - 400A	525	1/11.0	Condust, 2*	666		Mount, Malar PMM6	820	
Switch, By-Pass - 600A	526		Conduit, 3"	667	إحسا	Cobinet, Meter	821	
Switch, Auto Reg. Byp.	528		Conduit, 4*	668		Rack, Berelield, QTMB	822	
F 1 D . WITA OBI	534	American Company	Conduit 4" Split	669		Motor Sub Damand	825	
Terminal, Pin PTT4-ORH Terminal, Pin 500	535		Conduit, Ebow - 1" Conduit, Ebow - 1.1/2"	671		Moter, PF-1 Phose Mater, PF-3 Phose	827	
Terminal, Ser Pin	536		Conduit, Ebox - 2	672		Reclaser, VIVE	831	
Terminal, Lug	537		Conduit, Elsow - 3"	673		Reclaser, RK w/Kit	832	
Terminal, Adapt 4 Hole	538		Condult, Elbow - 4*	674		Regulator, 50 Amp	841	
day at		18 19 1	Conduit, 12" Plastic	675		Reculator, 100 Amp	842	
Ties, Prelonn - S.T.T.	540	1. 4	Conduit Caps 12" Plastk	676		Regulator, 150 Amp	843	2. 11.
1997	400	1 11 11	Vented Cap and Adaptor	678		Remistor, 219 Amp	844	7.7
Washer, Curved	551	1400	Pad/Info Park	679	2 1 2 1	Regulator, 328 Amp	845	4.42
Washer, Round	552		Pad, Concrete	680	A Pauled	Regulator, 500 Amp	846	
Washer, Square	553	11 Table 1	Pad, Fiberplass Trans	681		uate paid the live of later, and	200	
Washer, Square 4 x 1/2	554		Box Ped, Trans	682	0.0010.0	Trans, Current	851	
Waster, Anchor Log	555		Box Pad, Cover	683		Trans, Corrent 15 KV	852	
Washer, Spring	556		Pedestal, Power	684		Trans, Current Req.	853	
			Shield Cable Riser & Non-V	686		Trans, Current Aux	854	
Wire, Aum Tie-4	571	- Mile e 23	Shield, Back Up Pole (in it.)	687		Trans, Potent, 480/120V	856 857	
10-2-2-2			"Boot" For Shields	688 689		Trans, Potent 300/120V Trans, Potent 15 KV	858	
Wire, Solid Bare Cop. •	572		Shield, Riser (5 (L)	007		DOM, FORKE 13 AV	0.00	
#6	573		Space 500 to 750 MCM	690	n in a su a	Miscellaneous Charges	860	
<i>54</i>	574		Splice #2, URD Repair	691		Miscellaneous Charges	861	
	27.3	11 -1	Splice, 4/0 URD Repair	692		Miscellaneous Charges	862	
Wreholder, Conduit	580		Splice, Cover Sec	693				
			Spice Jacket Cover	694		Socket Broaker Uni (150A)	B70	
			Sealing Kit (Cold Shrink)	695		Pole Top Meter Rite (M2211)	871	
	1.49	* 1.	Support, Cable	697		3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		
Bar, Trans · Bare (PTT4:0)	604		Term Block, Sec	701	I			
Bar, Trans - Bare 2 Hole	620		Term Block, Set. Util	702				
Bar, Trans - Bare	611		Term Block, Sub Hub	703		4	4	
Bar, Trans - Ins - 2 Pos ;	612		Term Bushing	706				
Rar, Trans - Ins - 4 Pos*	613	200				A 80.1 7		- 4
Bar, Trens Ins - 8 Post.	614		Pothesd, Outdoor #2	710		and TVT according to the Control of		
Bar, Pedes · Ins · 4 Por	615		Term Outdoor - All Other	711	-14-4			
Bar, Trans - Ins - 4 Pos 2 H.	616		Term Indoor	715	1 1 1			
Bar, Trans - Ins - 3 Pos	617		Term Tone	716		<u> </u>		
9 - 1 - 0 - 1			Term Ebow - #1/0 Wire	717				
Bracket, Conduit	620	ļ	Term Eloxy - #2 Wire	718.1		<u></u>		****
Contractor/Employee DD				Proper	ed By			
- PRINCIOLA ELICHONGO				•				
Unit No.				Entered	By			

Attachment F JPEC Work Order CR113551 cont.

JACKSON PURCHASE E.C. MATERIAL PICKING SLIP

11152111

DATE I MAP LOCI FORCE	ENTERED TION 4: ACCOUNT	12/12/11 1057001 T 108.800	REMOVED BY NAME ADD CUT	CO-OP X OUT/ARRESTO	CONTRACTOR R WORK		HDUSE 01 13551
			RETIR INVE	EMENT MATER	TALS RY		
inv #	DE	SCRIPTION		POSSIBLE RETIREMENT	r GO	od bad	WH/ TRK
073	CLAMP,	HOT LINE	•	2		···	
				•			
	***************************************			•	**************************************	-	_
				, -		_	
		1140-1171 A 1111 TV	***************************************	•	The best of the be		
				•		**************************************	
				-	<u> </u>		
***********	aparanal Carallel Services	73 Salar (1985)	······································	-			
****				•	 		
			~ CONSTRUCTI	ON UNIT SUM			
UNIT #	DES	CRIPTION		POSSIBLE RETIREMENT	ACTUALL RETIRED	Y ACTUAL TIME	OFFICE USE
4602 h	1 5-1 ()	RETIRE ONL	X)	2		-	
-			**************************************		W-W-W-W-W-W-W-W-W-W-W-W-W-W-W-W-W-W-W-		
			W ₁ y				
~ ~~~ ~			**************************************		DIA	***************************************	

COPY

Attachment F
JPEC Work Order CR113551 cont.

ID-JBL009 11/22/11 USER:	LAURIE	JACKSON FUR JOB ORDER 1	CHASE E.C. 1-0031264	8:41:15 41-057-001
KEYED BY: LAUF DATE KEYED: 11/2 TIME KEYED: 8:3	RIE REED 12/11 DESI 18:08	RED PRINT D	REQUESTED BY: ATB: 11/23/11	MIKE WASHAM CREW NUMBER: 1>
ASSOCIATED WITH CCH: 057-001 02 EARLES/RUSSELL LITTLE HOUSE 105 ASHLAND RD PADDICAH METER NUMBER: JI PRESENT READ: 01 PHILLID PER MIKE WASHAM BIO022 MOVE STII PROTECT TAP JP COMPLETED JU	0 KY 42003-930 2022867 200032 AT SWITCH RGERS FROM CU	ACTIVE * C D L	Budget Code:	HOME COUNTY 11/23/11 127/4/11 0000032 Reidland Reidland/Epperson Rd ODRESS RD KY 42003-9309
METER TELEST TE MULT BY MAKER'S NO. SIZE METER READ AMI MTR ADR	ST DUE 08/11/15 STED 08/11/15 OLD 00001 JP022867 300	NEW	TAILGATI Crew Leader: No. of Crew Memb No. of Crew Memb Names: JG Unusual Condit: Existing Hazare Work Procedures Energy Source (PPE:	Date: -\(\frac{1}{\infty}\) \(\frac{1}{\infty}\) \(\frac{1}{\
			Traffic Contro. Rescue:	1:

Attachment F JPEC Work Order CR113551 cont.

		JACKSON	PURCHASE	E.C.		(MATER	LAL	PICKING	SLIP)	A/0	12/12/11
WORK C	DRDER C	113551		W.I.P.	ACCT.	NO.	107.	200	W/0	DATE	12/12/11
			COUNT NO.								
			X CONTRA								
1	orni bi	CO-0P	A COMING	CIUR	MARE	ממטטמי	u.T.	OMIX		T11 T T TL	uo
4619	M 5-9-3	(RETIR	E ONLY)		QTY =		1	ACTUAL	TIME		
073	CLAMP,	HOT LIN	E			7.900		1		T	
231	CUTOUT.	SINGLE	TYPE 100	AMP	6	5.320		1		T	
480	SADDLE	TAP-STI	RRUP			3.850		1			
					OTHER	ISSÚES				~~~~	
ITH#	DESCRIE	TION			VA	BRAGE		QTY	RETUR	ns	LOCATION
							- -		***************************************		

-										·····	

									~		·····,
							·				
	************	and Theresia Theresia (Children									
				والمعنع	h. (*).***	· 4 20					

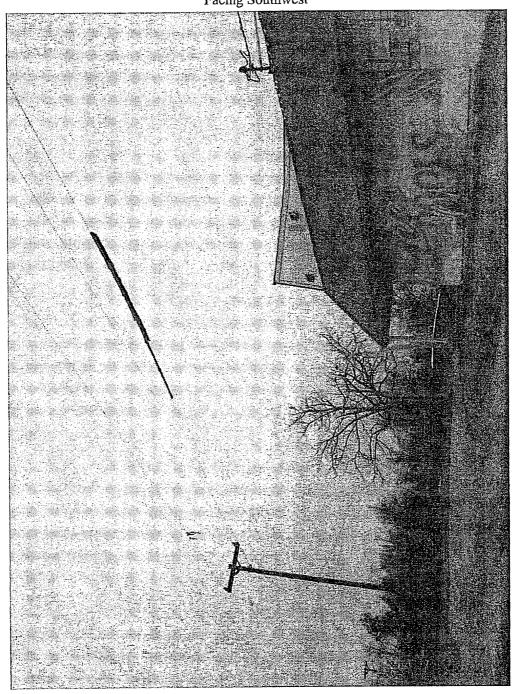
CUPY

perconsco Washing

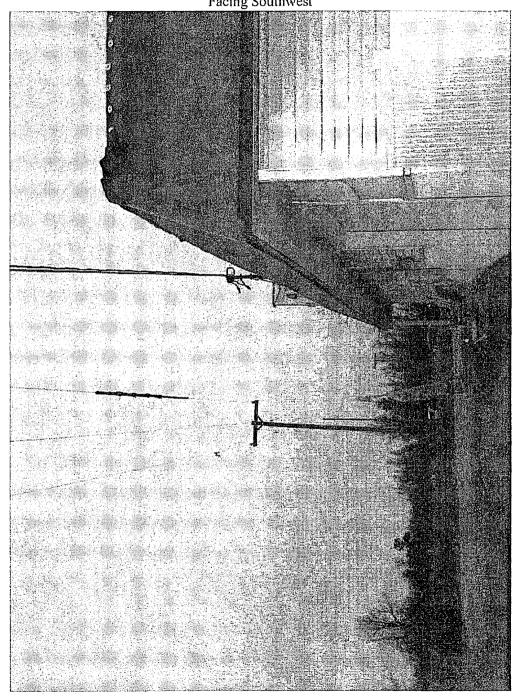
Attachment F Outages Near The Incident Location

	41056058 2/7/2011 11:42 41056058 11/22/2011 7:00	2/7/2011 12:22 11/22/2011 6:27	Suration (Vin) Sause 40 Out Out 87 Storm A	11	Interfuse-50 k	NEIDLAND I	4103
Hist. Mambar Qutaka Insulta	2/14/2012						
Account #	Cresting Time	Rectoration Time	Duration (Min) (Caus			Sub	reder
	41057027 8/23/2011 10:57	8/23/2011 11:20	7 8/23/2011 11:20 23 Public		track hoe got into b phase	REIDLAND	4103

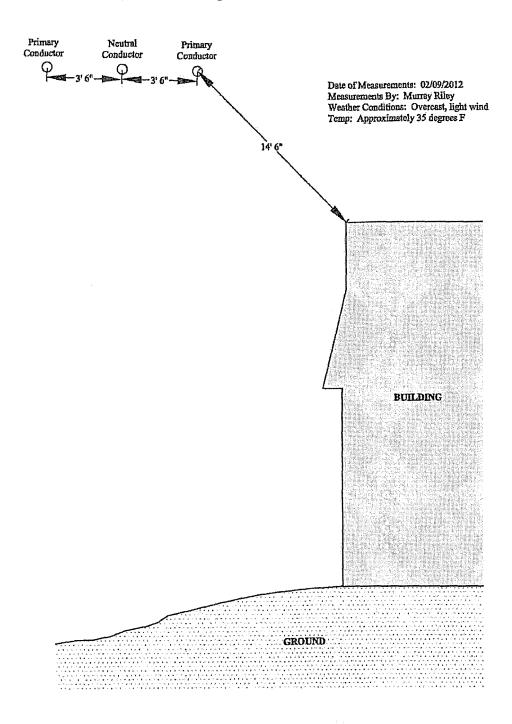
Attachment G
Picture of Temporary Modifications Made 02/09/2012
Facing Southwest



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



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



Attachment H Transcript from Local News.

From: To:

Hunar Riler Crain Gertie

Subject

Fwd: Script request

Wednesday, February 08, 2012 11:45:12 AM

Sent from my iPhone

Begin forwarded message:

From: Lori Barrett < <u>|barrett@wpsdlocal6.com</u>>
Date: February 8, 2012 11:06:38 AM CST
To: < murray.riley@jpenergy.com>

Subject: Script request

This was in our 6 pm newscast on Tuesday, February 7th:

JAnchor 2/2 SHOT| JAnchor LAURA| [ReadRete: 15] (***LAURA***)

A LOCAL MAN GOT SHOCKED WHILE INSTALLING A METAL ROOF

CHOS OF REIDLAND ELECTRIC SHOCK-VOCIMOS TAKE VO DURATION:0:00] [Anchor:SCOTT] ReadRate 15]

[Smoss 2] Line Super VDO - | Electric Shock | Rooter Shocked Write Installing A Metal Root-Innos-]
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

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@jpenergy.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

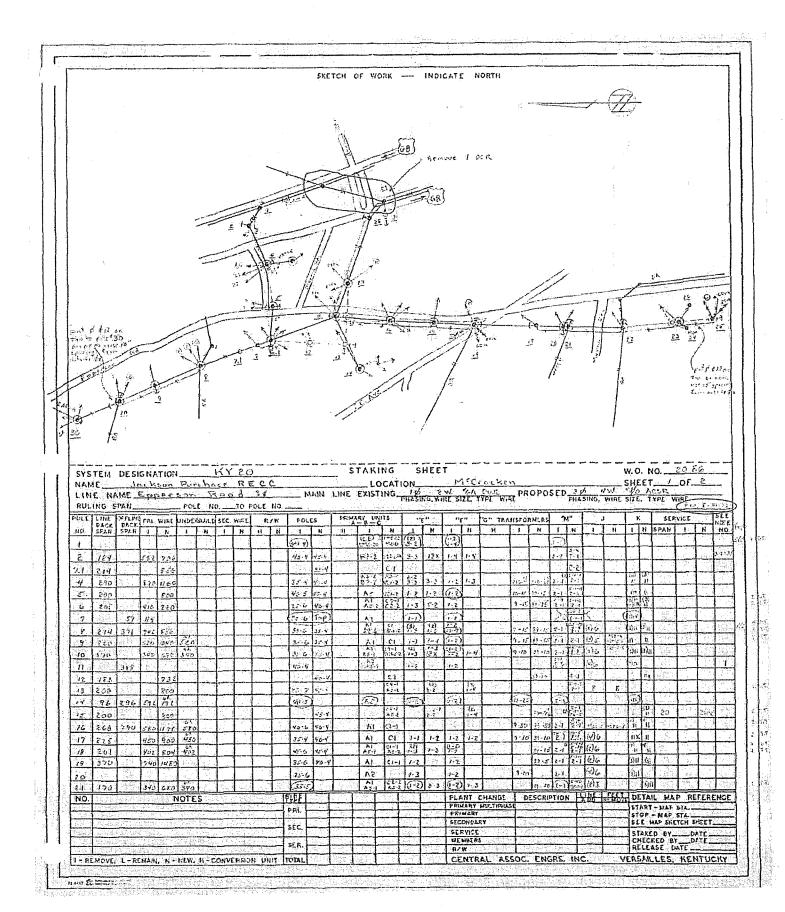
Craig,

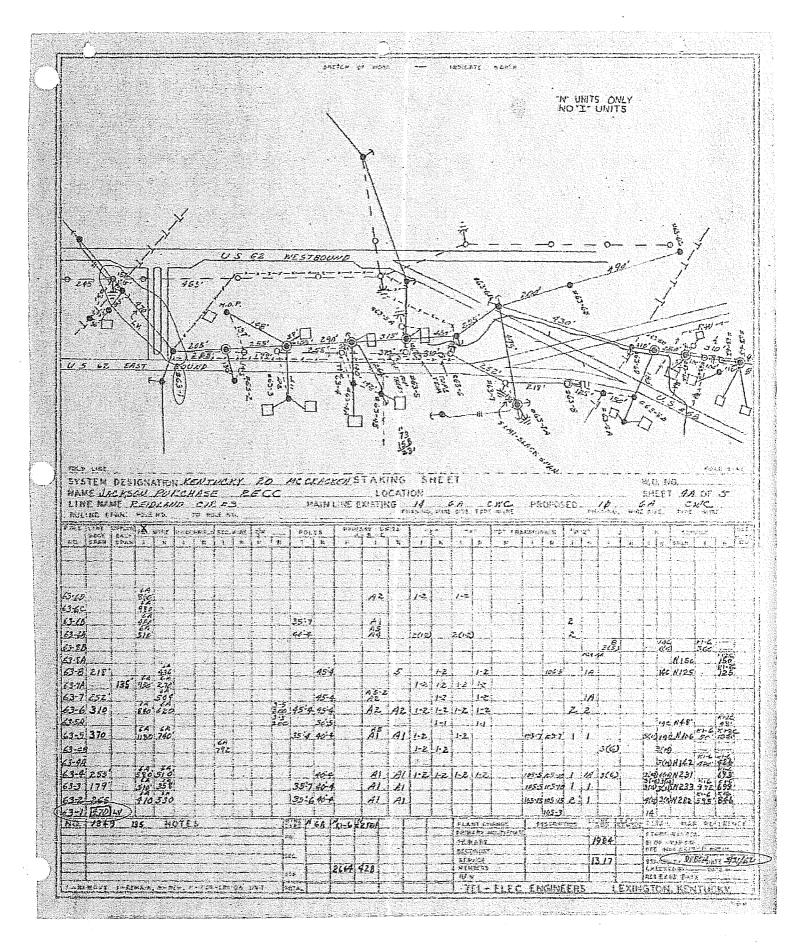
Have you uncovered any additional information on the age of the line and poles where this accident took place? I am getting to the point that I need to start completing my accident report on this.

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

Thanks,

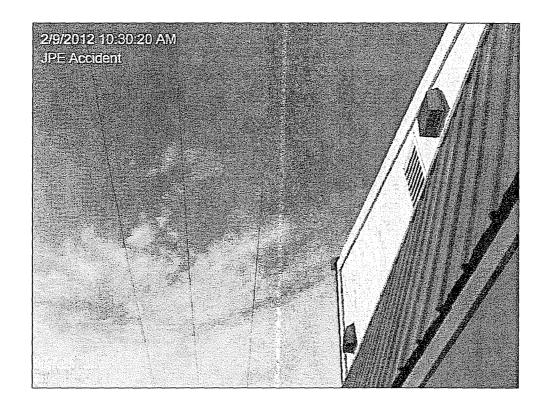
Steve Kingsolver



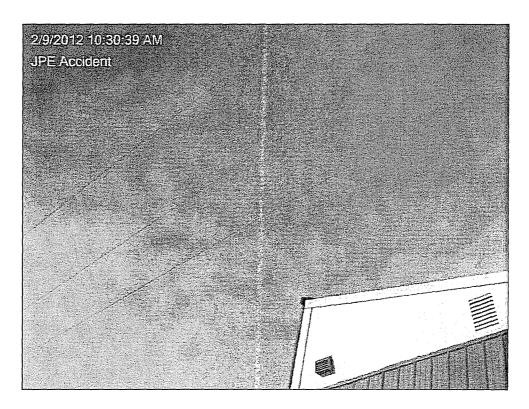


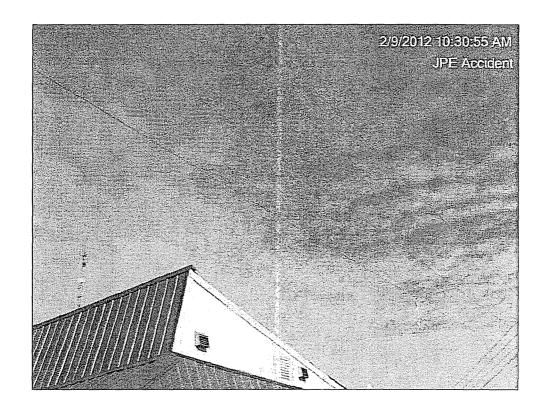
Attachment C

KPSC Photographs of Accident

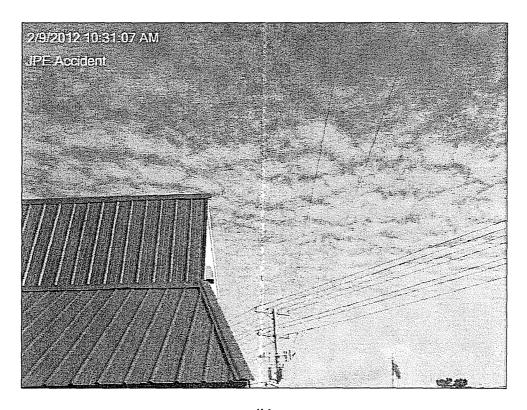


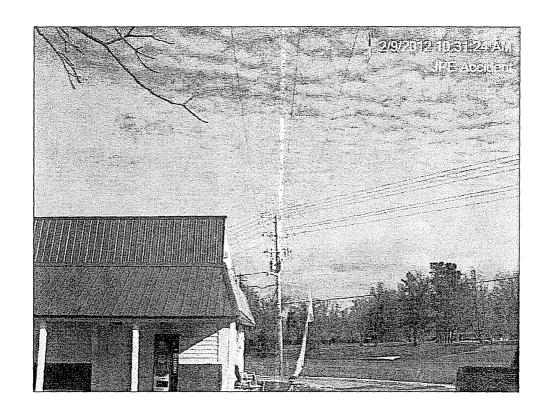
<u>#1</u>



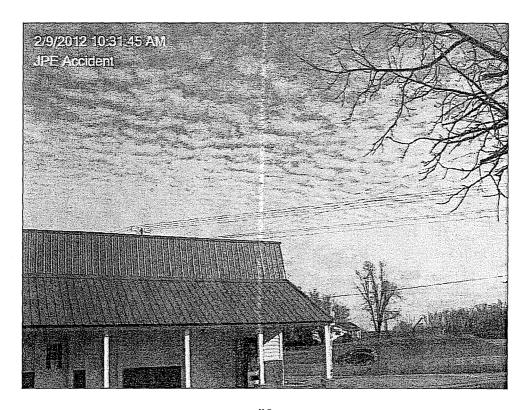


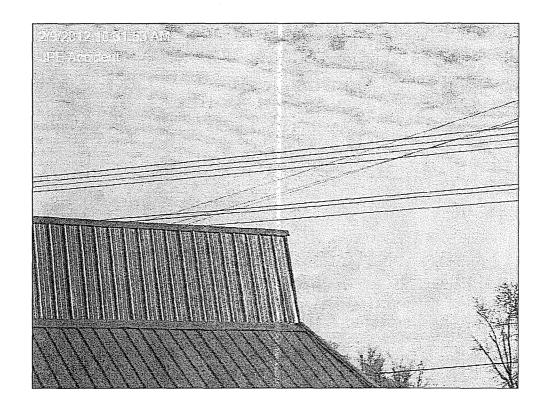
<u>#3</u>



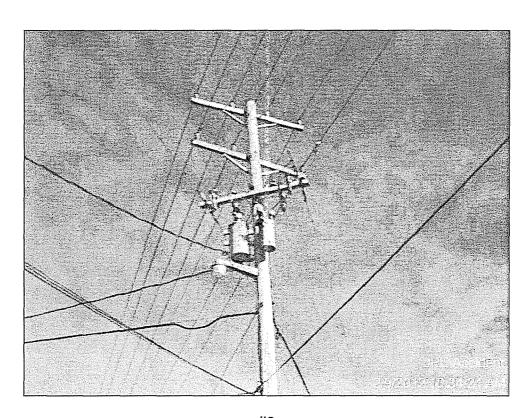


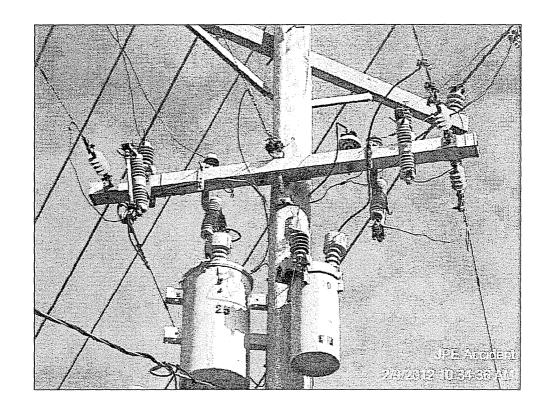
<u>#5</u>



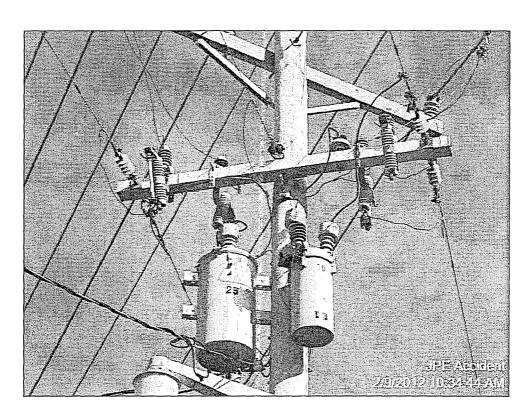


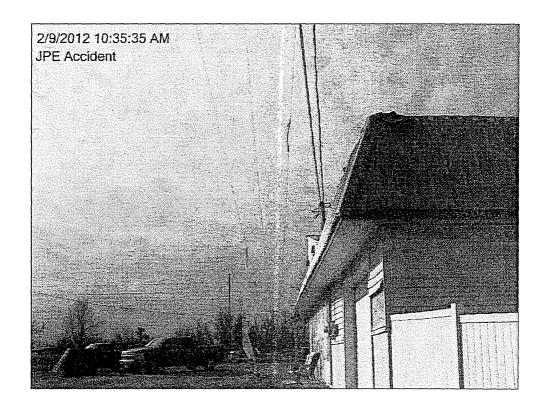
<u>#7</u>



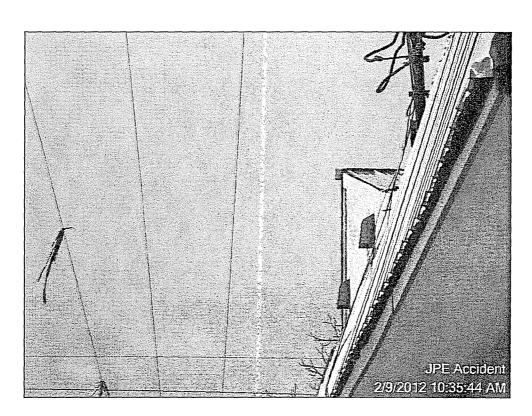


<u>#9</u>





<u>#11</u>



<u>#12</u>

Attachment D

KPSC Maps

Attachment E

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 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 clear- nnce	Vertical clearance
300 to 8,700 8,700 to 15,000 15,000 to 50,000 Exceeding 60,000	Feet 3 8 10 10 plus 0.4 inch per kv in ex- cess.	Feet 8 8 8 10 10 plus 0.4 inch per kv in ex- cess,

(2) SPANS EXCEEDING 160 FEET. Where span lengths exceed 150 feet, the increased clearances required by rule 232, B, 1 shall be provided.

Olearances

70

234. C. Clearances from Buildings-Continued

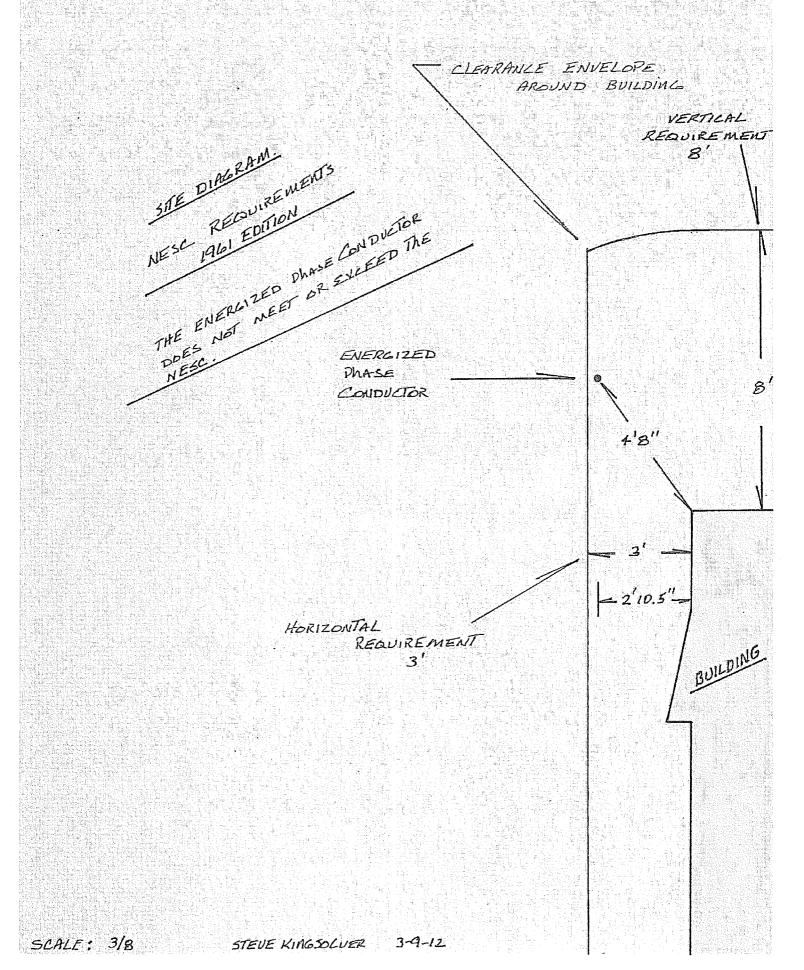
Exception: These increased clearances are not required where the voltage of the supply conductors is from 300 to 8,700 volts.

- (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 metalsheathed cable are considered to be guarded within the meaning of this rule.

Attachment F

Site Diagram



G. Kelly Nuckols President & CEO Jackson Purchase Energy Corporation 2900 Irvin Cobb Drive P. O. Box 4030 Paducah, KY 42002-4030