COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

SOUTH KENTUCKY RURAL ELECTRIC COOPERATIVE CORPORATION	)	
_____	)	CASE NO. 2017-00095
ALLEGED FAILURE TO COMPLY WITH KRS 278.042	)	

ORDER

South Kentucky Rural Electric Cooperative Corporation ("South Kentucky") is a corporation engaged in the distribution of electricity for compensation for lights, heat, power, and other uses. It is subject to the jurisdiction of the Commission. Pursuant to KRS 278.042, the Commission shall prescribe the service adequacy and safety standards for electric utilities, as stated in the Commission's administrative regulations, orders, and in the most recent edition of the National Electrical Safety Code ("NESC"). Under 807 KAR 5:041, Section 3(1), the Commission requires utilities to construct and maintain plants and facilities in accordance with engineering practices set forth in the NESC.

Commission Staff submitted to the Commission an Accident Investigation Staff Report ("Staff Report") dated September 8, 2015, which is attached hereto as an Appendix. The Report alleges that on August 12, 2016, Byron Koontz, a line technician with South Kentucky, sustained injuries when he came into contact with an energized phase conductor. At the time of the incident, Mr. Koontz and Robert Evans,

South Kentucky service technician and person in charge, were responding to an outage on Highway 1956 in Pulaski County. They found one of three single-phase conductors in a three-phase primary circuit broken and on the ground. They were in the process of repairing the downed phase conductor at the time of the accident.

The crew found two single-phase reclosers locked out on a three-phase primary circuit, with one still closed and energizing one of the conductors. It appears that there was back feed from a three-phase pad mount transformer served from this circuit, and that this back feed energized the two phase conductors with the open reclosers. The crew was working on the understanding that two of the phase conductors at the site, including the downed conductor, were de-energized because of the two open phase reclosers. Nonetheless they decided to work as if the phase conductor was energized by using rubber gloves to isolate them from the conductor. However, according to information provided by South Kentucky in its summary report regarding the accident, Mr. Koontz was not wearing a flame resistant shirt at the time of the accident, as required to work on an energized line.

Mr. Koontz, working in a bucket truck, was attempting to apply a splice to the failed conductor and was having trouble on one end of the conductor. At this point he removed his rubber gloves and put them in the tool tray in the bucket. When he made contact with the two ends of the conductor without his rubber gloves, an arc was created. It appears the system was trying to pick up the load through Mr. Koontz's body when he made contact with the two ends of the conductors that he was trying to splice. As a result, Mr. Koontz suffered burn injuries to his right wrist, fingers on his left hand,

and the right side of his rib cage. Mr. Koontz was transported to the University of Kentucky Burn Center and released the following day, August 13, 2016.

The Staff Report alleges that when Mr. Koontz removed his rubber gloves, the safety requirements for working on this outage changed. To work this outage without rubber gloves, the crew would have had to test for voltage and ground the conductors involved in this accident. The Staff Report further alleges that there was no documented job briefing completed before this job was started.

Based on its review of the Staff Report and being otherwise sufficiently advised, the Commission finds that *prima facie* evidence exists that South Kentucky has failed to comply with KRS 278.042, the 2012 edition of the National Electrical Safety Code ("NESC"), and the South Kentucky Safety Manual. Specifically, the Commission finds that South Kentucky appears to have violated the following provisions of the 2012 NESC and the South Kentucky Safety Manual:

1. NESC Part 4, Section 42, Rule 420.C – Work Rules for the Operation of Electric Supply and Communications Lines and Equipment – General Rules for Employees – Safeguarding Oneself and Others: 4. Employees who work on or in the vicinity of energized lines shall consider all of the effects of their actions, taking into account their own safety as well as the safety of other employees on the job site, or on some other part of the affected electric system, the property of others, and the public in general. 5. No employee shall approach or bring any conductive object, without a suitable insulating handle, closer to any exposed energized part than allowed by Rule 432 (communication) or Rule 441 (supply), as applicable.

2. NESC Part 4, Section 42, Rule 420.D – Work Rules for the Operation of Electric Supply and Communications Lines and Equipment – General Rules for Employees – Energized and unknown conditions: Employees shall consider electric supply equipment and lines to be energized, unless they are positively known to be de-energized. Before starting work, employees shall perform preliminary inspections or tests to determine existing

conditions. Operating voltages of equipment and lines should be known before working on or in the vicinity of energized parts.

3. NESC Part 4, Section 42, Rule 420.H – Work Rules for the Operation of Electric Supply and Communications Lines and Equipment – General Rules for Employees – Tools and Protective Equipment: Employees shall use the personal protective equipment, the protective devices, and the special tools provided for their work. Before starting work, these devices and tools shall be carefully inspected to make sure that they are in good condition.

4. NESC Part 4, Section 42, Rule 420.I – Work Rules for the Operation of Electric Supply and Communications Lines and Equipment – General Rules for Employees – Clothing: 1. Employees shall wear clothing suitable for the assigned task and work environment. 2. When employees will be exposed to an electric arc, clothing or a clothing system shall be worn in accordance with Rule 410A3.

5. NESC Part 4, Section 42, Rule 421.A – Work Rules for the Operation of Electric Supply and Communications Lines and Equipment – General Rules for Employees – General operating routines – Duties of a First-Level Supervisor or Person in Charge: This individual shall: 1. Adopt such precautions as are within the individual's authority to prevent accidents. 2. See that the safety rules and operating procedures are observed by the employees under the direction of this individual. 3. Make all the necessary records and reports, as required. 6. Conduct a job briefing with the employees involved before beginning each job. A job briefing should include at least the following items: work procedures, personal protective equipment requirements, energy source controls, hazards associated with the job, and special precautions.

6. NESC Part 4, Section 44, Rule 441.A.1 – Work Rules – Additional Rules for Supply Employees – Energized Conductors and Parts – Minimum Approach Distance to Energized Lines or Parts - General: Employees shall not approach or bring conductive objects within the minimum approach distance listed in Table 441-1 or Table 441-4 or distances as determined by an engineering analysis to exposed parts unless one of the following is met:

   a. The line or part is de-energized and grounded per Rule 444D.

b. The employee is insulated from the energized line or part. Electrical protective equipment insulated for the voltage involved, such as tools, gloves, rubber gloves, or rubber gloves with sleeves, shall be considered effective insulation for the employee from the energized part being worked on.

c. The energized line or part is insulated from the employee and from any other line or part at a different voltage.

Table 441-1 AC Live Work Minimum Approach Distance
7.2kV-(Working Voltage)
0.751 to 15 kV – Phase to Ground: 2'2"

7. NESC Part 4, Section 44, Rules 444.D - Work Rules – Additional Rules for Supply Employees – General - De-energizing Equipment or Lines to Protect Employees – Employee's Protective Grounds: When all designated switches and disconnects have been operated, rendered inoperable where practical, and tagged in accordance with Rule 444C, and the employee has been given permission to work by the designated person, the employee in charge should immediately proceed to make the employee's own protective grounds or verify that adequate grounds have been applied (see Rule 445) on the disconnected lines or equipment. During the testing for potential and/or application of grounds, distance not less than those shown in Table 441-1, as applicable, shall be maintained. Temporary protective grounds shall be placed at such locations and arranged in such a manner that affected employees are protected from hazardous differences in electrical potential.

8. NESC Part 4, Section 44, Rules 445.A – Work Rules – Additional Rules for Supply Employees - General – Protective Grounds – Installing Grounds – Testing for Voltage: The previously energized parts that are to be grounded shall be tested for voltage except where previously installed grounds are clearly in evidence. The employee shall keep every part of the body at the required distance by using insulated handles of proper length or other suitable devices.

9. South Kentucky Safety Manual, Part 1, Section 102.B – General Rules – Employee's Responsibility for Safety: Before starting a job, employees shall thoroughly understand

the work to be done, their part in the work, and the safety rules that apply.

10. South Kentucky Safety Manual, Part 1, Section 115.5.a – General Rules – Training – Job Briefings: The employee in charge shall conduct a job briefing with the employees involved before the start of each job. The job briefing will at least cover the following subjects: Hazards associated with the job.

    1. Hazards associated with the job.

    2. Work procedures involved.

    3. Special precautions and risk mitigation.

    4. Energy source/hazard controls.

    5. Personal Protective equipment (PPE) requirements.

    6. Emergency response information.

11. South Kentucky Safety Manual, Part 4, Section 405 – Personal Protective Equipment – Wearing Apparel: Each employee shall wear gloves and other clothing suitable for the work performed.

12. South Kentucky Safety Manual, Part 4, Section 406 – Personal Protective Equipment – Clothing: In accordance with NESC requirement, wearing appropriate clothing has been shown to limit the lasting effects of being caught in a flashover. The level of injury sustained by a worker involved in a flashover can be substantially reduced by careful selection of the clothing materials to be worn (to avoid fusing melted plastic to the skin, skin damage due to burning clothing, and unnecessary exposure of the skin to head during a flashover). Long sleeves are recommended to help reduce the amount of exposure to heat on the arms. a. All employees shall always wear clothing and shoes that are suitable for the particular type of work that they are doing and that are in compliance with Utility policy. The employer shall ensure that each employee who is exposed to the hazards of flames or electric arc does not wear clothing that, when exposed to flames or electric arcs, could increase the extent of injury that would be sustained by the employee.

13. South Kentucky Safety Manual, Part 4, Section 407 – Personal Protective Equipment – Use and Care of Rubber

Gloves: c. Employees shall wear rubber gloves while working on any pole or other structure on which energized lines or equipment are located, on which lines and equipment that could be energized are located, or that are located close to energized lines or equipment where an employee could make contact (see Section 507-1, Working on or Near Exposed Energized Lines and Equipment). When employees are gloving, the rubber gloves shall be put on before the employee ascends a pole or structure or raises an aerial device off the ground or device's cradle, and the gloves shall be of proper class. Furthermore' employees shall not remove the gloves until they have descended the pole or structure or returned the aerial device to the ground or cradle. (Exception: a rubber glove(s) shall only be removed if it is absolutely necessary and only after notifying a co-worker by saying "Gloves Off", that the co-worker shall watch the employee to ensure the rubber glove(s)are back on before beginning to work, and/or before entering the live-line work zone. Glove(s) may be momentarily removed as described in the following conditions: Condition 1) Momentary removal of one glove to retrieve small items from down within the bucket and/or from a ditty bag is acceptable; Condition 2) Momentary removal of both gloves is acceptable only after backing out of the live-line work zone, outside of extended reach minimum 10 feet.)

14. South Kentucky Safety Manual, Part 5, Section 507.1 – Electric Utility Operations – Overhead Distribution and Transmission – Working On or Near Exposed Energized Lines or Equipment: (f) No employee may approach or take any conductive object without an insulating handle closer to exposed energized pasts than the minimum approach distances set forth in Table 507-1 through 507-5 unless the employee is insulated from the energized part or the energized part is insulated from the employee and any other conductive object at a different potential, or the employee is insulated from any other conductive object, as during live-line bare-hand work.

15. South Kentucky Safety Manual, Part 5, Section 507.6(a) – Electric Utility Operations – Working On De-Energized Lines and Equipment: (a) General: All conductors and equipment shall be treated as energized until isolated, tested and grounded.

16. South Kentucky Safety Manual, Part 5, Section 507.13 – Electric Utility Operations – Grounding-General: (a) All

> previously energized conductors shall be considered energized until isolated, tested, and properly grounded. (c) Voltage Testing: De-energized conductors and equipment, which are to be grounded, shall first be tested for the presence of nominal voltage. (j) Lifting equipment, bucket and material handling trucks, digger/derricks line trucks, shall be bonded and barricaded when used near energized equipment and lines. Employees may elect to barricade lifting equipment, bucket and material handling trucks, digger/derricks line trucks, instead of bonding to the best available ground. In either case, the general public should be prevented from coming in contact with the equipment. When installing truck grounds, employee installing the ground must use a hand line to raise and lower the grounds.

The Commission further finds that a formal investigation into the incident that is the subject matter of the Staff Report should be conducted and that this investigation should also examine the adequacy, safety, and reasonableness of South Kentucky's practices related to the construction, installation, and repair of electric facilities.

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

1. South Kentucky shall submit to the Commission a written response to the allegations contained in the Staff Report within 20 days of the date of this Order.

2. South Kentucky shall appear on Tuesday, June 20, 2017, at 9 a.m., Eastern Daylight 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, the 2012 edition of the NESC, and the South Kentucky Safety Manual, and showing cause why it should not be subject to the penalties prescribed in KRS 278.990(1) for these alleged violations.

3. The June 20, 2017, hearing shall be recorded by digital video recording only.

4. The Staff Report in the Appendix to this Order is made a part of the record in this case.

5. At the scheduled hearing in this matter, South Kentucky shall also present evidence on the adequacy, safety, and reasonableness of its practices related to the construction, installation, and repair of electric facilities as they relate to the facts of this case and whether such practices require revision as a result of this incident.

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
MAR 10 2017
KENTUCKY PUBLIC
SERVICE COMMISSION

ATTEST:

Executive Director

APPENDIX

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2017-00095 DATED MAR 10 2017

Matthew G. Bevin
Governor

Charles G. Snavely
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Energy and Environment Cabinet

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Michael J. Schmitt
Chairman

Robert Cicero
Vice Chairman

Daniel E. Logsdon Jr.
Commissioner

ACCIDENT INVESTIGATION STAFF REPORT

Report Date: September 8, 2016

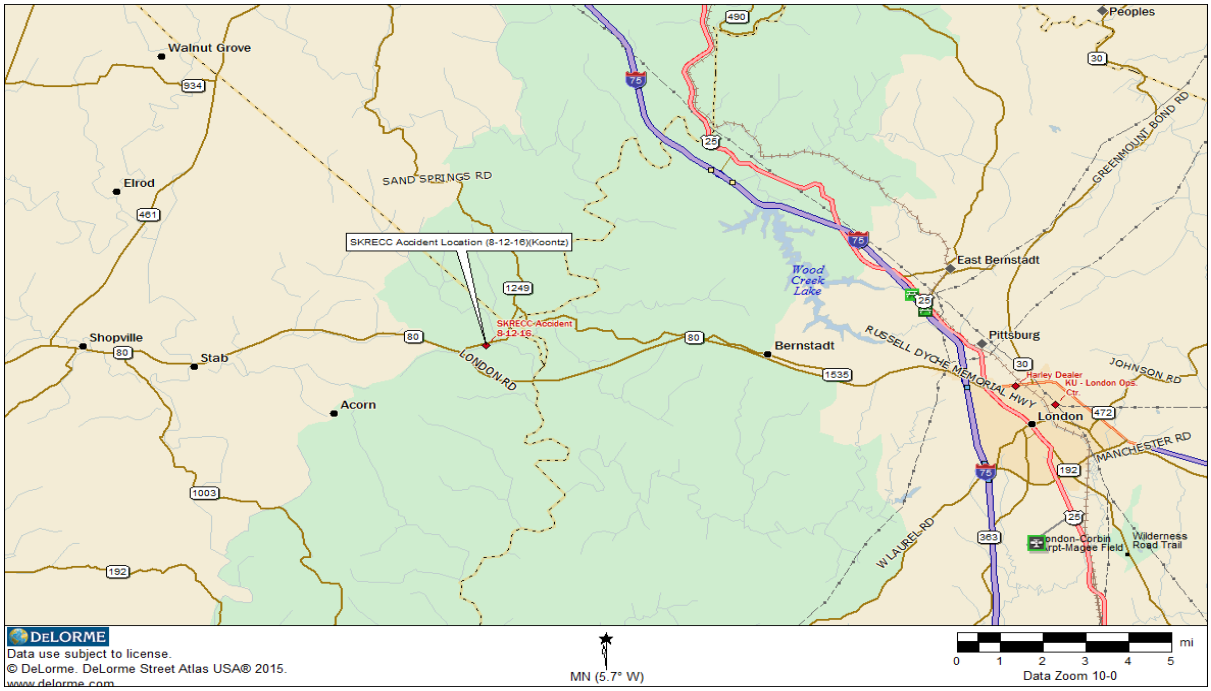
Accident Date: August 12, 2016

Serving Utility: South Kentucky Rural Cooperative Corporation

Accident Location: Kentucky Highway 1956, Pulaski County

Accident Victim: Byron Koontz

PSC Investigator: Steve Kingsolver



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Chairman

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Vice Chairman

Daniel E. Logsdon Jr.
Commissioner

Electric Utility Employee Injury Accident Report

Utility: South Kentucky Rural Cooperative Corporation (SKRECC)

Reported By: Dennis Holt, Vice President, Operations / Engineering

Incident Occurred: Approximately 6:15 AM, August 12, 2016

Utility Discovered: Approximately 6:20 AM, August 12, 2016

PSC Notified: Approximately 7:07 AM, August 12, 2016

Summary Report Received: August 18, 2016

PSC On-Site Investigation: Approximately 10:00 AM, August 12, 2016

Incident Description:
This accident took place on Friday, 8-12-16 at approximately 6:15AM. The victim in this accident is Byron Koontz, an employee of SKRECC. He is approximately 32 years old and is classified as a Line Technician. The victim had 3 burn spots on the right wrist, 3 fingers burnt on the left hand and a burn spot on the right side of the rib cage. The victim was fully released from the University of Kentucky Medical Center on Saturday, 8-13-16 at approximately 1:30PM. This crew consisting of the victim and Robert Edwards, person in charge, were working an outage report in Pulaski County on Highway 1956 when this accident took place. The conditions at the time of this accident were dark, foggy, approximately 80 degrees and humid. The crew found 2 single phase reclosers locked out on a 3 phase primary circuit. This left 1 of the single phase reclosers closed and energizing 1 of the phase conductors in the 3 phase circuit. There is a 3 phase pad mount transformer served from this 3 phase circuit. It appears that this 3 phase pad mount transformer, serving the Somerset Gas Service Conditioning Station on East Highway 80, was the source of a back feed that energized the 2 phase primary conductors at the accident site. This crew was working under the understanding that

the 2 phases at the accident site were de-energized because they found the 2 single phase reclosers open. This crew found 1 of the 2 phase conductors on the ground at the accident site. They were in the process of reinstalling the downed phase conductor at the time of this accident. They had made a decision to work as if the phase conductor was energized using rubber gloves to isolate them from the phase conductor. Edwards, working on the ground, was wearing rubber gloves throughout the process. The victim, working in the bucket truck, was attempting to apply a splice to the failed conductor and was having trouble on one end of the conductor. At this point he removed his rubber gloves and put them in the tool tray in the bucket. When he made contact with the 2 ends of the conductor without his rubber gloves, an arc was created by attempting to pick up the load from the accident site to the end of the circuit. It appears the system was trying to pick up the load through the victim's body when he made contact with the 2 ends of the conductors that he was trying to splice. When the victim removed his rubber gloves, this changed the requirements of how this should have been worked to safely complete this work. To work this outage without rubber gloves, the crew would have had to test for voltage and ground the conductors involved in this accident. The primary voltage at this accident site is normally approximately 7.2kV / 12.5 kV.

Information gathered during the on-site investigation and information provided in the utility summary report identified the fact that there was not a documented job briefing completed before this job was started.

Information provided in the utility summary report identifies that the victim was not wearing the required Flame Resistant Shirt at the time of this accident.

Victim:	**Name:**	**Position:**	**Employer:**
	Byron Koontz	Line Technician	SKRECC

Age: 31

Injuries: 3 burn spots on the right wrist, 3 fingers burnt on the left hand and a burn spot on the right side of the rib cage.

Medical Facility: University of Kentucky Burn Center

Witnesses:	**Name:**	**Position**	**Employer:**
	Robert Edwards	Service Technician	SKRECC

NOTE: For employee statements from the SKRECC employees on the site of the accident. (See Attachment A)

Information From:	Name:	Position:	Employer:
	Dennis Holt	VP, OPS/Eng.	SKRECC
	Eddie Black	Safety	SKRECC
	Eric Chumbley	Safety	SKRECC
	Kevin Newton	Engineering Manager	SKRECC
	Bruce Parkey	Engineer	SKRECC
	Jack Willis	Line Technician	SKRECC

FINDINGS:

It is the investigator's opinion that the SKRECC employees involved in this accident did not meet the following requirements set forth in the National Electrical Safety Code (NESC) and the SKRECC Safety Manual.

RELEVANT CODES, STATUTES, REGULATIONS, OR SAFETY MANUAL ISSUES THAT ARE PERTINENT TO THE INVESTIGATION

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

(1) For the purposes of this section, "NESC" means the National Electrical Safety Code as published by the Institute of Electrical and Electronics Engineers, Inc.
(2) Except as otherwise provided by law, the commission shall, in enforcing service adequacy and safety standards for electric utilities, 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 NESC.

Effective: June 24, 2003

History: Created 2003 Ky. Acts Ch. 84, sec. 1, Effective June 24, 2003.

2012 National Electric Safety Code:
See 2012 NESC Code to view each rule in its entirety.

#1: National Electrical Safety Code

Part 4: Work Rules for the Operation of Electric Supply and Communications Lines and Equipment
Section 42: General rules for employees
420: General
C. Safeguarding oneself and others
4. Employees who work on or in the vicinity of energized lines shall consider all of the effects of their actions, taking into account their own safety as well as the safety of other

employees on the job site, or on some other part of the affected system, the property of others, and the public in general.
5. No employee shall approach or bring any conductive object, without a suitable insulating handle, closer to any exposed energized part than allowed by Rule 432 (communication) or Rule 441 (supply), as applicable.
(Page 269)

#2: National Electrical Safety Code

Part 4: Work Rules for the Operation of Electric Supply and Communications Lines and Equipment
Section 4: General rules for employees
420. General
D. Energized or unknown conditions
Employees shall consider electric supply equipment and lines to be energized, unless they are positively known to be de-energized. Before starting work, employees shall perform preliminary inspections or tests to determine existing conditions. Operating voltages of equipment and lines should be known before working on or in the vicinity of energized parts.
(P-269)

#3: National Electrical Safety Code

Part 4: Work Rules for the Operation of Electric Supply and Communications Lines and Equipment
Section 42: General rules for employees
420. General
H. Tools and Protective Equipment
Employees shall use the personal protective equipment, the protective devices, and the special tools provided for their work. Before starting work, these devices and tools shall be carefully inspected to make sure that they are in good condition.
(Page 270)

#4: National Electrical Safety Code

Part 4: Work Rules for the Operation of Electric Supply and Communications Lines and Equipment
Section 42: General rules for employees
421. General operating routines
A. Duties of a First-Level Supervisor or Person in Charge
This individual shall:
1. Adopt such precautions as are within the individual's authority to prevent accidents.
2. See that the safety rules and operating procedures are observed by the employees under the direction of this individual.
3. Make all the necessary records and reports, as required.

6. Conduct a job briefing with the employees involved before beginning each job. A job briefing should include at least the following items: work procedures, personal protective equipment requirements, energy source controls, hazards associated with the job, and special precautions.
(Page 272)

#5: National Electrical Safety Code

Part 4: Work Rules for the Operation of Electric Supply and Communications Lines and Equipment
Section 42: General rules for employees
420. General
I. Clothing
1. Employees shall wear clothing suitable for the assigned task and work environment.
2. When employees will be exposed to an electric arc, clothing or a clothing system shall be worn in accordance with Rule 410A3.
(P-270)

#6: National Electrical Safety Code

Part 4: Work Rules for the Operation of Electric Supply and Communications Lines and Equipment
Section 44: Additional rules for supply employees
441. Energized Conductors or Parts
Employees shall not approach (within the reach or extended reach), or knowingly permit others to approach, any exposed ungrounded part normally energized except as permitted by this rule.
A. Minimum Approach Distance to Live Parts
1. General
Employees shall not approach or bring any conductive object within the minimum approach distance listed in Table 441-1 or Table 441-4 or distances as determined by an engineering analysis to exposed parts unless one of the following is met:
a. The line or part is de-energized and grounded per Rule 444D.
b. The employee is insulated from the energized line or part. Electrical protective equipment insulated for the voltage involved, such as tools, gloves, rubber gloves, or rubber gloves with sleeves, shall be considered effective insulation for the employee from the energized part being worked on.
c. The energized line or part is insulated from the employee and from any other line or part at a different voltage.
(P-280)

Table 441-1: AC Live Work Minimum Approach Distance (P-284)
(See Rule 441 in its entirety.)

Voltage in kilovolts (Phase to Phase)	Distance to employee	
	Phase-to-ground	Phase-to-phase
	(ft–in)	(ft–in)
0 to 0.0501	not specified	not specified
0.051 to 0.300	avoid contact	avoid contact
0.301 to 0.750	1-1	1-1
0.751 to 15	2-2	2-3
15.1 to 36.0	2-5	2-10
36.1 to 46.0	2-7	3-1
46.1 to 72.5	2-11	3-9

#7: National Electrical Safety Code

Part 4: Work Rules for the Operation of Electric Supply and Communications Lines and Equipment
Section 44: Additional rules for supply employees
440. General
444. De-energizing equipment or lines to protect employees
D. Employee's protective grounds
When all designated switches and disconnects have been operated, rendered inoperable where practical, and tagged in accordance with Rule 444C, and the employee has been given permission to work by the designated person, the employee in charge should immediately proceed to make the employee's own protective grounds or verify that adequate grounds have been applied (see Rule 445) on the disconnected lines or equipment. During the testing for potential and/or application of grounds, distance not less than those shown in Table 441-1, as applicable, shall be maintained. Temporary protective grounds shall be placed at such locations and arranged in such a manner that affected employees are protected from hazardous differences in electrical potential.
(P-290)

#8: National Electrical Safety Code

Part 4: Work Rules for the Operation of Electric Supply and Communications Lines and Equipment
Section 44: Additional rules for supply employees
440. General
445. Protective Grounds
A. Installing grounds

3. Testing for voltage
The previously energized parts that are to be grounded shall be tested for voltage except where previously installed grounds are clearly in evidence. The employee shall keep every part of the body at the required distance by using insulated handles of proper length or other suitable devices.
(P-292)

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807 KAR 5:006. General rules.

RELATES TO: KRS 65.810, 74, 96.934, 220.510, 278, 49 C.F.R. Part 192, 49 U.S.C. 60105
STATUTORY AUTHORITY: KRS 278.230, 278.280(2), 49 C.F.R. 192
NECESSITY, FUNCTION, AND CONFORMITY: KRS 278.230(3) requires every utility to file with the commission reports, schedules, and other information that the commission requires. KRS 278.280(2) requires the commission to promulgate an administrative regulation for the performance of a service or the furnishing of a commodity by a utility. This administrative regulation establishes requirements that apply to electric, gas, water, sewage, and telephone utilities.

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807 KAR 5:006 General Rules
Section 25: Safety Program

Section 25: Safety Program: Each utility shall adopt and execute a safety program, appropriate to the size and type of its operations. At a minimum, the safety program shall:
(1) Establish a safety manual with written guidelines for safe working practices and procedures to be followed by utility employees.
(2) Instruct employees in safe methods of performing their work. For electric utilities, this is to include the standards established in 807 KAR 5:041, Section 3.
(3) Instruct employees who, in the course of their work, are subject to the hazard of electrical shock, asphyxiation or drowning, in accepted methods of artificial respiration.

SKRECC Safety Manual: (APPA Safety Manual, 15th Edition)
(August 12, 2016 Accident) (Victim: Koontz)
See SKRECC Safety Manual to view each rule in its entirety.

#1: SKRECC Safety Manual:
Part 1: General Rules
102: Employee' Responsibility for Safety
B: Before starting a job, employees shall thoroughly understand the work to be done, their part in the work, and the safety rules that apply.
(P-25)

#2: SKRECC Safety Manual:
Part 1: General Rules
115: Training
115.5: Job Briefings
a: The employee in charge shall conduct a job briefing with the employees involved before the start of each job. The job briefing will at least cover the following subjects:
1. Hazards associated with the job.
2. Work procedures involved.
3. Special precautions and risk mitigation.
4. Energy source/hazard controls.
5. Personal Protective equipment (PPE) requirements.
6. Emergency response information.
See NESC Section 421 for more information.
(P-40)

#3: SKRECC Safety Manual:
Part 4: Personal Protective Equipment
405: Wearing Apparel
Each employee shall wear gloves and other clothing suitable for the work performed.
(P-87)

#4: SKRECC Safety Manual:

Part 4: Personal Protective Equipment
406: Clothing
In accordance with NESC requirement, wearing appropriate clothing has been shown to limit the lasting effects of being caught in a flashover. The level of injury sustained by a worker involved in a flashover can be substantially reduced by careful selection of the clothing materials to be worn (to avoid fusing melted plastic to the skin, skin damage due to burning clothing, and unnecessary exposure of the skin to head during a flashover). Long sleeves are recommended to help reduce the amount of exposure to heat on the arms.
a: All employees shall always wear clothing and shoes that are suitable for the particular type of work that they are doing and that are in compliance with Utility policy. The employer shall ensure that each employee who is exposed to the hazards of flames or electric arc does not wear clothing that, when exposed to flames or electric arcs, could increase the extent of injury that would be sustained by the employee.
(P-88)

#5: SKRECC Safety Manual:
Part 4: Personal Protective Equipment
407: Use and care of Rubber Gloves
c. Employees shall wear rubber gloves while working on any pole or other structure on which energized lines or equipment are located, on which lines and equipment that

could be energized are located, or that are located close to energized lines or equipment where an employee could make contact (see Section 507-1, Working on or Near Exposed Energized Lines and Equipment). When employees are gloving, the rubber gloves shall be put on before the employee ascends a pole or structure or raises an aerial device off the ground or device's cradle, and the gloves shall be of proper class. Furthermore' employees shall not remove the gloves until they have descended the pole or structure or returned the aerial device to the ground or cradle. (Exception: a rubber glove(s) shall only be removed if it is absolutely necessary and only after notifying a co-worker by saying "Gloves Off", that the co-worker shall watch the employee to ensure the rubber glove(s)are back on before beginning to work, and/or before entering the live-line work zone. Glove(s) may be momentarily removed as described in the following conditions: Condition 1) Momentary removal of one glove to retrieve small items from down within the bucket and/or from a ditty bag is acceptable; Condition 2) Momentary removal of both gloves is acceptable only after backing out of the live-line work zone, outside of extended reach minimum 10 feet.)

Note: Section 407 c) is intended for work practices that use rubber gloved for primary protection.
(P-96)

#6: SKRECC Safety Manual:

Part 5: Electric Utility Operations
Section 507: Overhead Distribution and Transmission
507-1: Working On or Near Exposed Energized Lines and Equipment
f) No employee may approach or take any conductive object without an insulating handle closer to exposed energized pasts than the minimum approach distances set forth in Table 507-1 through 507-5 unless the employee is insulated from the energized part or the energized part is insulated from the employee and any other conductive object at a different potential, or the employee is insulated from any other conductive object, as during live-line bare-hand work.
(P-139)

Table 507-1 AC Live-Line Work Minimum Approach Distance
7.2kV-(Working Voltage)
0.750 Volts to 15 kV – Phase to Ground: 2' 2"
(P-141 Table 507-1)

#7: SKRECC Safety Manual:

Part 5: Electric Utility Operations
507.6: Working on de-energized Lines and Equipment
a) General: All conductors and equipment shall be treated as energized until isolated, tested and grounded.
(P-156)

#8: SKRECC Safety Manual:
Part 5: Electric Utility Operations
507.13: Grounding-General
a) All previously energized conductors shall be considered energized until isolated, tested, and properly grounded.
c) Voltage Testing: De-energized conductors and equipment, which are to be grounded, shall first be tested for the presence of nominal voltage.
j) Lifting equipment, bucket and material handling trucks, digger/derricks line trucks, shall be bonded and barricaded when used near energized equipment and lines. Employees may elect to barricade lifting equipment, bucket and material handling trucks, digger/derricks line trucks, instead of bonding to the best available ground. In either case, the general public should be prevented from coming in contact with the equipment. When installing truck grounds, employee installing the ground must use a hand line to raise and lower the grounds.
(P-161/162)

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

Signed: Steve Kingsolver

Date: 9-8-16

Attachments:
A. Utility Summary Report
B. KPSC Map of Accident Site
C. KPSC Photographs
D. Accident Notification Information

Attachment A

Utility Summary Report

South Kentucky RECC
A Touchstone Energy® Cooperative

Allen Anderson, President & CEO

925-929 North Main Street
Post Office Box 910
Somerset, KY 42502-0910
Telephone 606-678-4121
Toll Free 800-264-5112
Fax 606-679-8279
www.skrecc.com

August 16, 2016

Public Service Commission
211 Sower Blvd.
P.O Box 615
Frankfort, Kentucky 40602-0615

Mr. Steve Kingsolver

Subject: South Ky. RECC Employee Byron Koontz

Dear Steve,

There was an accident that occurred on 8/12/2016 at approximately 6:15 a.m. involving Byron Koontz who came into contact with a 7,200-volt line.

The location where this incident occurred was at .6-mile marker on KY Hwy 1956, in eastern Pulaski County, Kentucky.

Robert Edwards (Service Technician) was present at the time of the accident.

Sincerely,

Eric M. Chumbley

Safety and Loss Control Coordinator
South Kentucky RECC

INVESTIGATIVE REPORT
INCIDENT
ELECTRICAL CONTACT

COOPERATIVE:	NAME: South KY RECC	TELEPHONE # (606) 678-4121
	ADDRESS: 925-929 N. Main St. Somerset KY 42503	
DATE AND TIME OF INCIDENT:	(MM/DD/YY) 0 8 1 2 1 6 0 6 1 5 [x] A.M [ ] P.M	COOPERATIVE (MM/DD/YY) NOTIFIED: 0 8 1 2 1 6 0 6 2 5 [x] A.M [ ] P.M.
LOCATION:	Mile Marker .6 HWY 1956, Pulaski County Kentucky	
DESCIPTION OF INCIDENT:	Crew received outage call at 0437 am, and found line broke in two on Ground. During repairs, lineman made contact with primary. Line became energized by back-feeding through 3-phase transformer. Please see employee statements for full description.	
INJURED PARTY:	NAME: Byron Koontz	AGE: 31 / SS #
	TELEPHONE # 606-872-3614	OCCUPATION: Line Technician
	ADDRESS: 95 Fair Oaks Drive Monticello KY. 42633	
EXTENT OF INJURY:	3 burn spots on right wrist, 3 fingers burnt on the left hand (index, middle, and pinky) and a burnt spot on right side rib cage.	
TREATMENT:	Somerset-Pulaski Ambulance Service, Life-Net Air Transport, & University of Kentucky Burn Center.	
COOPERATIVE EMPLOYEES AT SCENCE:	Ishmael Helton, Dan Ware, Robbie Miller, Michael Stogsdill, Jack Willis, Eric Chumbley, Eddie Black, Bruce Parkey, and Kevin Newton	
WITNESSES:	Robert Edwards – 606-875-1292 – SKRECC Service Technician	

WEATHER AND TERRAIN CONDITIONS	Level pasture field, dark/night time, extremely foggy, apx 80 degrees and humid.
SYSTEM PROFILE	(VOLTAGE TYPE AND SIZE CONTUCTOR. TYPE POLE STRUCTURES. POLE #. ETC.) 7,200 volts, #2 ACSR, VB1, and Pole # 123635.
EQUIPMENT PROTECTIVE DEVICES	(TYPE, LOCATION, RATING, DID THEY OPERATE, POLE #.) 3 – 70 EF2 OCR's & Pole #141277
DID OUTAGE OCCUR	[ ] YES [ ] A.M [x] NO DATE: TIME: [ ] P.M DUATION:
WAS CO-OP NOTIFIED OR AWARE OF WORK IN THE AREA – EXPLAIN:	Yes, the crew was working an outage when the contact incident took Place.
CONSTRUCTION	N/A
SYSTEM INSPECTION	N/A
ADDITIONAL COMMENTS:	No documented job briefing. Injured party was wearing approved FR pants (Arc Rating 14.6) but was not wearing approved FR shirt. Injured party was fully released from UK Burn center on Saturday 8-13-16 at appx. 1:30 pm.

PREPARED BY: Eric M. Chumbley Safety & Loss Control Coordinator 8/16/16 606-878-0028
Signature / Job Title / Date / Telephone #

South Kentucky RECC
A Touchstone Energy® Cooperative

Somerset, Kentucky

M E M O R A N D U M

August 16, 2016

TO: Eddie Black

FROM: Kevin Newton

SUBJECT: Possible Backfeed Source at Accident Site

It appears that the 3 phase padmount transformer serving the Somerset Gas Service conditioning station on East Hwy 80 was the source of backfeed at the accident site on Hwy 1956. I am confident of this because, with the line still "down" and the OCR "open", the neighboring house had approximately 107 volts. The voltage went to "0" when the fuses were pulled on the underground primary feeding the padmount approximately 1 mile away.
This is possible anytime a 3 phase bank of transformers has power to at least 1 phase. In this case it was just one phase. The power is back fed onto the primary of the transformer by way of the attached 3 phase loads. This padmount is a Y-Y connected 500 KVA, with 12,470Y/7200 volt primary voltage and 480Y/277V secondary.

I recieved a call at 4:38 Friday morning. Had about 100 people out of power in the sandy gap area. Got dressed and left my house around 4:50 AM. Arrived at 3Ø breaker pole around 5:40 AM. Rob was already at the breaker pole when I arrived. I looked and seen 2 breaker handles down, I think it was center and field Ø. We started running line out. Got to the end of 3Ø where the BØ takes off, and Rob continued on to run out the BØ while I went back to walk up in ROW that we couldnt see from the trucks. After a few minutes Rob hollared on the radio that he had found a spam of wire down in the field on Hwy 1956. I turned around and headed toward his location, and easily found him on side of the road with lights flashing. We walked down into the field where we found 1 Ø of the BØ on the ground. We didnt see anything that could have broke the line down and suspected it

had been shot at one time. We went back to the trucks and looked for and entrance to the field. We found a entrance that we felt we could bring a truck in and discussed which one was going in and I told Rob that I would take my old Dodge in since his truck is brand new and I hate to see it scratched up. We sat my truck up at a B1 and decided we would work it like its hot. I put on my harness and hung my gloves and sleeve bag on side of the bucket. I climbed in bucket and put on my PPE, this was around 6:15 AM. I went up and cut down about a 30 ft peice of #2 ACSR with Kliens. The wire that I cut down had been long enough it was barely touching the ground. Rob took the wire I cut down and sleeved it back together with the rest of the line that was laying on the ground. I went ahead and popped on a quick sleeve on the wire which was sticky

out from the pole about 3 ft now. Also hung my hoist on the 3ft tail of wire. [redacted] At this point I looked down and saw that Rob was putting sleeves on the wire and had his PPE on. I took the bucket down and hook wire to the jib of the bucket. Rob told me he had to cut out about 2 inches of wire in all. I carried the wire up close enough that I could catch it with my hoist. After I caught the wire off with my hoist I positioned my bucket so that I was about I level with the wire so that the bucket was lower than the handle of my hoist. I jacked the wire up to where I knew it would sleeve back, checked my sag and saw that it was good. Grabbed the wire and got it partly in the sleeve and one strand messed up. So I pulled the tail out and away from sleeve and tried to get it bent back into a good shape that would go into the sleeve. It

was bent up in a way that couldnt get it the way I really wanted it so I pulled both gloves off and was able to get the wire in good shape and would stay together if I held it tight. Without another thought I reached for the other side of the wire. At that point I was shocked and could not get free. After a few seconds I lost consciousness. I regained consciousness and stood up in the bucket and saw Rob, he had brought the bucket down to the ground. He was running toward me and asked me what happened and if I was hurt. I told him my back hurt, and he lifted my shirt and saw an abrasion on my left back. I said Im OK I feel alright, but I could smell a bad burning smell and thats when Rob told me I had burns on my hands. I told Rob that I feel good and dont think I need an ambulance. He called Ishmael that was a few miles away. I got out of the bucket and took my harness and

sleeves off and hung them on the bucket. I got my Kliens out and took them to the cab of the truck and then went and sat on the back of the truck. Ishmael arrived about 6:45 AM. I had not been wearing my FR Shirt, but was wearing a long sleeve rodeo type shirt when I made contact. As a side note on my first attempt to sleeve wire together I seen no indication there was voltage on the line, no arc or sound.

Byron Koontz 8-15-16

ON FRI 8/12/16 AT ABOUT 4:37 A.M. dispatch call & said we had a outage at Adkins Arthur Road at the 3 phase breaker. & about 105 people were out of service. I arrived at breaker pole about 5:30. I got out the truck & looked at the OCR & had Right & center phases handles were down.

Byron arrived I told him the Right & center phases was out. went to look for trouble on line. I drove on out Smoky Gap Rd. T/R on E. Hwy 80 & T/L on Hwy 1956. About ½ mile out on Right side of Road. I thought I saw a phase hanging down pole. Drove on out & turn around at Line Creek Rd.

Call Byron & told him I thought we had a phase down. on Hwy 1956. Byron arrived & we walked over the bank - we agreed to take 1 truck in & work it as if it was hot. Right hand phase was down. We set truck #333 up to put phase back up. Byron went up in the bucket. He had Rubber gloves, sleeves & hard hat & body harness on. I had hard hat & Rubber gloves on. Byron went up in bucket truck cut wire loose next to pole. Drop down in bucket with wire on winch rope. I cut about 2 inches out no. 2 aluminum wire. Byron went back up in bucket & put hot horse on the wire to pulled line back up.

I walked back & stood on the truck side box. We had spot light pointing out line towards Hwy 80 & hand held light was pointing out line towards Line Creek Road. So we could see when wire was on sag. I told Byron the sag looked good & Byron said the wire would go back together.

About 1 or 2 minutes went by & Byron yell. I could not see his light on his hard hat. I yell Byron are you O.K., no answer. So I went to lower controls, lower bucket to the ground. I ran to Byron, he was slumped down in the bucket unresponsive, checked for pulse on neck was unsure. Ran to truck to call for help, Radio was searching. I then went to get out of truck & ran into the door [22] dropped

MY PHONE. I FOUND MY PHONE ON THE GROUND & RAN BACK TO BYRON. HE WAS STANDING UP INSIDE THE BUCKET. I SAID BYRON ARE YOU O.K. & HE SAID YEAH I THINK SO. I ASKED HIM WHAT HAPPENED HE SAID I'M NOT SURE. I HELPED HIM OUT OFF HIS SAFETY EQUIPMENT & OUT OF THE BUCKET. HE WALKED AROUND OPENING & CLOSING HIS HANDS. AT THAT TIME I TOLD HIM I NEEDED TO CALL FOR A AMBULANCE, HE SAID NO I'M OK HE LEANED ON THE BUCKET. & SAID MY BACK IS HURTING. I RAISED HIS SHIRT & ON HIS LEFT SIDE JUST ABOVE HIS BELT IT LOOKED LIKE A ROPE BURN. HE WALKED TOWARD THE BACK OF THE TRUCK & I ASKED HIM TO SIT DOWN ON BACK OF THE TRUCK. I GOT MY HAND LIGHT & LOOKED AT HIS HANDS. I SEEN A BURN MARK ON HIS LEFT INDEX FINGER & ON HIS LEFT MIDDLE FINGER & A SMALL BURN ON HIS RIGHT THUMB & ONE ABOUT COUPLE INCHES UP ON THE INSIDE OF HIS WRIST. I TOLD BYRON I NEED TO CALL AMBULANCE, HE SAID PLEASE DON'T I'M O.K. THIS WAS AROUND ABOUT 6:45 A.M. - SO I CALL ISHMAEL & ISH SAID HE WAS ON HWY 80 ABOUT EASTWAY TRUCK STOP. ON HIS WAY TO WORK - SO ISH ARRIVED ABOUT 6:55 & HIM & BYRON LEFT.

Robert Edwards
Robert Edwards 8/15/16

South Kentucky RECC

ARC FLASH ASSESSMENT and WORK PRACTICES

The 2007 NESC section 41, rule 410A3 requires an arc flash assessment be completed by January 1, 2009.

An arc flash assessment has been performed for all possible situations on the distribution system. All calculations performed for equipment at voltages over 1000 volts resulted in values under 5 cal/sq cm. This means that the current PPE level of FR clothing being worn by South Kentucky employees is sufficient. The current shirts and pants have a minimum of 5.5 oz/sq yd which is a category 1 clothing system. A category 1 clothing system requires both pants and shirts to be a minimum of 4.5 oz/sq yd.

The NESC allows utilities to wear a category 1clothing system (minimum of 4.5 oz/sq yd) at voltages under 1000 volts. Current work practices at South Kentucky do not permit energized work on secondaries in padmount transformers. An assessment of the secondary voltages in padmount transformers was performed as a precaution, and other than a 480 volt 2500 kva padmount the current clothing system at South Kentucky is adequate. But as stated above, current work practices do not allow employees to work the secondaries in padmounts while energized.

See the complete assessment on the public drive in the safety folder under arc assessment.

Reviewed 8/2013 (KN)

RUBBER GLOVES & SLEEVES

		CLASS	ID. NUMBER	SIZE	DATE EXCHANGED
1 **BROWN, ORVILLE B.**					
CREW LEADER	RUBBER	0	N/A		
	GLOVES	2	N/A		
		3	391	10	8/9/2016
	RUBBER	2	N/A		
	SLEEVES	3	41	R	
2 MICHAEL STOGSDILL		CLASS	ID. NUMBER	SIZE	DATE EXCHANGED
	RUBBER	0	1295	9.5	8/9/2016
	GLOVES	2	1200	10	
		3	445	10	
	RUBBER	2			
	SLEEVES	3	140	R	
3 BYRON KOONTZ		CLASS	ID. NUMBER	SIZE	DATE EXCHANGED
	RUBBER	0	1009	10	8/9/2016
	GLOVES	2	1031	10	
		3	698	10	
	RUBBER	2	578	R	
	SLEEVES	3	168	R	
4 LEGER, NICK		CLASS	ID. NUMBER	SIZE	DATE EXCHANGED
	RUBBER	0	N/A		
	GLOVES	2	1138	10.5	8/9/2016
		3			
	RUBBER	2	587	R	
	SLEEVES	3	N/A		

AMERICAN SAFETY UTILITY CORPORATION

Date	Sales Order #	Purchase Order #
July 13, 2016	118700	

Customer	Account Number
South Kentucky Recc (102)	SOU102

Address

SOUTH KENTUCKY RECC, PO BOX 910

City	State	Zip
SOMERSET	KY	42502-0910

Tested Items Shipped To:

BUM TO DELIVER

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
LH				3			pass	108		Line Hoses Tested 30kV
LH				3			fail	1	DF	LH Rejected
BL				4			pass	42		Blanket Tested 40kV
BL				4			fail	8	DF	Blanket Rejected
BL			SPLIT	4			pass	10		Split Blanket Tested
BL			SPLIT	4			fail	2	DF	Split Blanket Tested
HOD				3			pass	14		Hoods Tested 30kV
SL	589	RG		2	pass	1	pass	1		Tested
SL	590	RG		2	pass	1	pass	1		Tested

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
SL	591	RG		2	pass	1	pass	1		
SL	419	RG		2	pass	1	fail	1	OZ	RA Sleeve Rejected
SL	519	RG		2	fail	1	pass	1	AB	LA Sleeve Rejected
SL	425	RG		2	pass	1	pass	1		Tested
SL	677	RG		2	pass	1	pass	1		Tested
SL	502	RG		2	pass	1	pass	1		Tested
SL	592	RG		2	pass	1	pass	1		Tested
SL	576	RG		2	pass	1	pass	1		Tested
SL	481	RG		2	pass	1	pass	1		Tested
SL	480	RG		2	pass	1	pass	1		Tested
SL	567	RG		2	pass	1	pass	1		Tested
SL	504	RG		2	pass	1	pass	1		Tested
SL	569	RG		2	pass	1	pass	1		Tested
SL	272	RG	24"	3	pass	1	pass	1		Tested
SL	67	RG	24"	3	pass	1	pass	1		Tested
SL	185	RG	24"	3	pass	1	pass	1		Tested
SL	269	RG	24"	3	pass	1	pass	1		Tested
SL	334	RG	24"	3	pass	1	pass	1		Tested
SL	223	RG	24"	3	pass	1	pass	1		Tested
SL	402	RG	24"	3	pass	1	pass	1		Tested
SL	403	RG	24"	3	pass	1	pass	1		Tested
SL	63	RG		3	pass	1	pass	1		Tested
SL	30	RG		3	pass	1	pass	1		Tested
SL	5	RG		3	pass	1	pass	1		Tested
SL	293	RG		3	pass	1	pass	1		Tested
SL	144	RG		3	pass	1	pass	1		Tested
SL	77	RG		3	pass	1	pass	1		Tested
SL	146	RG		3	pass	1	pass	1		Tested
SL	126	RG		3	pass	1	pass	1		Tested

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
SL	102	RG		3	pass	1	pass	1		Tested
SL	46	RG		3	pass	1	pass	1		Tested
SL	103	RG		3	pass	1	pass	1		Tested
SL	78	RG		3	pass	1	pass	1		Tested
SL	161	RG		3	pass	1	pass	1		Tested
SL	412	RG		3	pass	1	pass	1		Tested
SL	91	LG		3	pass	1	pass	1		Tested
SL	121	LG		3	pass	1	pass	1		Tested
GL	182	9	18	2	fail	1	pass	1	CC	LH Rejected
GL	542	9	18	2	fail	1	pass	1	CC	LH Rejected
GL	709	9	18	2	pass	1	pass	1		Tested
GL	1137	10.5	18	2	pass	1	pass	1		Tested
GL	1031	10.5	18	2	pass	1	pass	1		Tested
GL	733	10.5	18	2	fail	1	fail	1	CC	PR Rejected
GL	1034	9.5	18	2	pass	1	pass	1		Tested
GL	937	9.5	18	2	pass	1	pass	1		Tested
GL	1033	9.5	18	2	pass	1	pass	1		Tested
GL	894	9.5	18	2	pass	1	pass	1		Tested
GL	935	9.5	18	2	pass	1	pass	1		Tested
GL	892	9.5	18	2	pass	1	pass	1		Tested
GL	1079	9.5	18	2	pass	1	pass	1		Tested
GL	975	10	18	2	pass	1	pass	1		Tested
GL	1200	10	18	2	pass	1	pass	1		Tested
GL	972	10	18	2	pass	1	pass	1		Tested
GL	1294	10	18	2	pass	1	pass	1		Tested
GL	861	10	18	2	pass	1	pass	1		Tested
GL	1186	10	18	2	pass	1	pass	1		Tested
GL	882	10	18	2	pass	1	pass	1		Tested
GL	1201	10	18	2	pass	1	pass	1		Tested
GL	1165	10	18	2	pass	1	pass	1		Tested

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
GL	1117	10	18	2	pass	1	pass	1		Tested
GL	1217	9.5	11	0	pass	1	pass	1		Tested
GL	1181	9.5	11	0	pass	1	pass	1		Tested
GL	857	9.5	11	0	pass	1	pass	1		Tested
GL	1277	9.5	11	0	pass	1	pass	1		Tested
GL	965	9.5	11	0	pass	1	pass	1		Tested
GL	871	9.5	11	0	pass	1	pass	1		Tested
	907	9.5	11	0	fail	1	pass	1	OC	LH Rejected
GL	1238	10	11	0	pass	1	pass	1		Tested
GL	1283	10	11	0	pass	1	pass	1		Tested
GL	1155	10	11	0	pass	1	pass	1		Tested
GL	1295	10	11	0	pass	1	pass	1		Tested
GL	1006	10	11	0	pass	1	pass	1		Tested
GL	1279	10	11	0	pass	1	pass	1		Tested
GL	1002	10	11	0	pass	1	pass	1		Tested
GL	722	10	11	0	pass	1	pass	1		Tested
GL	1009	10	11	0	pass	1	pass	1		Tested
GL	1230	10	11	0	pass	1	pass	1		Tested
GL	1007	10	11	0	pass	1	pass	1		Tested
GL	1203	10	11	0	pass	1	pass	1		Tested
GL	1221	10	11	0	pass	1	pass	1		Tested
GL	1231	10	11	0	pass	1	pass	1		Tested
GL	917	10	11	0	pass	1	pass	1		Tested
GL	846	9	16	3	pass	1	pass	1		Tested
GL	323	9	16	3	pass	1	pass	1		Tested
GL	297	9	16	3	pass	1	pass	1		Tested
GL	323	9	16	3	pass	1	pass	1		Tested
GL	302	9	16	3	pass	1	pass	1		Tested
GL	274	9	16	3	pass	1	pass	1		Tested
GL	986	9	16	3	pass	1	pass	1		Tested

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
GL	698	10.5	16	3	pass	1	pass	1		Tested
GL	1233	11	16	3	pass	1	pass	1		Tested
GL	352	9.5	16	3	pass	1	pass	1		Tested
GL	361	9.5	16	3	pass	1	pass	1		Tested
GL	429	9.5	16	3	pass	1	pass	1		Tested
GL	355	9.5	16	3	pass	1	pass	1		Tested
GL	1015	9.5	16	3	pass	1	pass	1		Tested
GL	768	9.5	16	3	pass	1	pass	1		Tested
GL	457	10	16	3	fail	1	pass	1	OC	LH Rejected
GL	445	10	16	3	pass	1	pass	1		Tested
GL	449	10	16	3	pass	1	pass	1		Tested
GL	443	10	16	3	pass	1	pass	1		Tested
GL	391	10	16	3	pass	1	pass	1		Tested
GL	388	10	16	3	pass	1	pass	1		Tested
GL	384	10	16	3	pass	1	pass	1		Tested
GL	465	10	16	3	pass	1	pass	1		Tested
GL	462	10	16	3	fail	1	pass	1	CC	LH Rejected
GL	385	10	16	3	pass	1	fail	1	OC	RH Rejected

Notes

TESTED BY ANSI/ASTM NAIL STANDARDS

Date Recieved

June 15, 2016

Date Tested

July 13, 2016

Date Shipped

July 13, 2016

Total Singles Tested

403

Total Singles Passed

382

Total Singles Rejected

21

AMERICAN SAFETY UTILITY CORPORATION

Date	Sales Order #	Purchase Order #
June 15, 2016	116717	

Customer	Account Number
South Kentucky Recc (102)	SOU102

Address

SOUTH KENTUCKY RECC, PO BOX 910

City	State	Zip
SOMERSET	KY	42502-0910

Tested Items Shipped To:

BUM TO DELIVER

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
SL	373	RG	24"	2	pass	1	pass	1		Tested
SL	486	RG	24"	2	pass	1	pass	1		Tested
SL	515	RG	24"	2	pass	1	pass	1		Tested
SL	370	RG	24"	2	pass	1	pass	1		Tested
SL	548	RG	24"	2	pass	1	pass	1		Tested
SL	357	RG	24"	2	pass	1	pass	1		Tested
SL	434	RG	24"	2	pass	1	pass	1		Tested
SL	461	RG	24"	2	fail	1	pass	1	AB	Tested
SL	397	RG		2	pass	1	pass	1		Tested
SL	462	RG		2	pass	1	pass	1		Tested
SL	552	RG		2	pass	1	pass	1		Tested
SL	556	RG		2	pass	1	pass	1		Tested
SL	483	RG		2	pass	1	pass	1		Tested

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
SL	412	RG		2	pass	1	pass	1		Tested
SL	415	RG		2	pass	1	pass	1		Tested
SL	416	RG		2	pass	1	pass	1		Tested
SL	588	RG		2	pass	1	pass	1		Tested
SL	573	RG		2	pass	1	pass	1		Tested
SL	570	RG		2	pass	1	pass	1		Tested
SL	578	RG		2	pass	1	pass	1		Tested
SL	325	LG		2	pass	1	pass	1		
SL	534	LG		2	pass	1	pass	1		
SL	544	LG		2	pass	1	fail	1	OZ	RA Sleeve Rejected
SL	518	LG		2	fail	1	pass	1	AB	LA Sleeve Rejected
SL	316	RG	24"	3	pass	1	pass	1		Tested
SL	315	RG	24"	3	pass	1	pass	1		Tested
SL	337	RG	24"	3	pass	1	pass	1		Tested
SL	270	RG	24"	3	pass	1	pass	1		Tested
SL	200	RG	24"	3	pass	1	pass	1		Tested
SL	562	RG	24"	3	pass	1	pass	1		Tested
SL	440	RG	24"	3	pass	1	pass	1		Tested
SL	35	RG		3	pass	1	pass	1		Tested
SL	163	RG		3	pass	1	pass	1		Tested
SL	149	RG		3	pass	1	pass	1		Tested
SL	111	RG		3	pass	1	pass	1		Tested
SL	41	RG		3	pass	1	pass	1		Tested
SL	172	RG		3	pass	1	pass	1		Tested
SL	407	RG		3	pass	1	pass	1		Tested
SL	43	RG		3	pass	1	pass	1		Tested
SL	157	RG		3	pass	1	pass	1		Tested
SL	79	RG		3	pass	1	pass	1		Tested
SL	124	RG		3	pass	1	pass	1		Tested

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
SL	168	RG		3	pass	1	pass	1		Tested
SL	163	RG		3	pass	1	pass	1		Tested
SL	191	RG		3	pass	1	pass	1		Tested
SL	190	RG		3	pass	1	pass	1		Tested
SL	141	RG		3	pass	1	pass	1		Tested
SL	408	RG		3	pass	1	pass	1		Tested
SL	418	LG		3	pass	1	pass	1		Tested
SL	3	LG		3	pass	1	pass	1		Tested
SL	120	LG		3	pass	1	pass	1		Tested
SL	146	LG		3	pass	1	pass	1		Tested
SL	589	XLG		3	pass	1	pass	1		Tested
GL	823	9	11	0	pass	1	pass	1		Tested
GL	1055	9	11	0	pass	1	pass	1		Tested
GL	606	9	11	0	pass	1	pass	1		Tested
GL	883	9	11	0	pass	1	pass	1		Tested
GL	107	9.5	11	0	pass	1	pass	1		Tested
GL	1204	9.5	11	0	pass	1	pass	1		Tested
GL	920	9.5	11	0	pass	1	pass	1		Tested
GL	943	9.5	11	0	pass	1	pass	1		Tested
GL	1197	9.5	11	0	pass	1	pass	1		Tested
GL	1212	9.5	11	0	pass	1	pass	1		Tested
GL	911	9.5	11	0	pass	1	pass	1		Tested
GL	908	9.5	11	0	pass	1	pass	1		Tested
GL	576	9.5	11	0	fail	1	pass	1	OC	LH Rejected
GL	1202	10	11	0	pass	1	pass	1		Tested
GL	1224	10	11	0	pass	1	pass	1		Tested
GL	1170	10	11	0	pass	1	pass	1		Tested
GL	1003	10	11	0	pass	1	pass	1		Tested
GL	329	10	11	0	pass	1	pass	1		Tested
GL	766	10	11	0	fail	1	pass	1	CH	LH Rejected

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
GL	1159	10	11	0	pass	1	fail	1	OC	RH Rejected
GL	1174	10	11	0	pass	1	fail	1	OC	RH Rejected
GL	916	10	11	0	fail	1	pass	1	CC	LH Rejected
GL	505	10.5	11	0	pass	1	pass	1		Tested
GL	780	10.5	11	0	pass	1	pass	1		Tested
GL	719	11	11	0	pass	1	pass	1		Tested
GL	657	11	11	0	pass	1	pass	1		Tested
GL	483	11	11	0	pass	1	pass	1		Tested
GL	490	12	11	0	pass	1	pass	1		Tested
GL	228	9	16	2	pass	1	pass	1		Tested
GL	1269	11	16	2	pass	1	pass	1		Tested
GL	1260	11	16	2	pass	1	pass	1		Tested
GL	515	11	16	2	pass	1	pass	1		Tested
GL	1258	12	16	2	pass	1	pass	1		Tested
GL	1272	10.5	16	2	pass	1	pass	1		Tested
GL	1135	10.5	16	2	pass	1	pass	1		Tested
GL	1149	10.5	16	2	pass	1	pass	1		Tested
GL	1224	10.5	16	2	pass	1	pass	1		Tested
GL	1048	10.5	16	2	pass	1	fail	1	CD	RH Rejected
GL	893	9.5	16	2	pass	1	pass	1		Tested
GL	1130	9.5	16	2	pass	1	pass	1		Tested
GL	1128	9.5	16	2	pass	1	pass	1		Tested
GL	1131	9.5	16	2	pass	1	pass	1		Tested
GL	1127	9.5	16	2	pass	1	pass	1		Tested
GL	684	9.5	16	2	fail	1	pass	1	CC	LH Rejected
GL	985	9.5	16	2	pass	1	fail	1	DF	RH Rejected
GL	1290	10	16	2	pass	1	pass	1		Tested
GL	1195	10	16	2	pass	1	pass	1		Tested
GL	962	10	16	2	pass	1	pass	1		Tested
GL	961	10	16	2	pass	1	pass	1		Tested

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
GL	1291	10	16	2	pass	1	pass	1		Tested
GL	1292	10	16	2	pass	1	pass	1		Tested
GL	1125	10	16	2	pass	1	pass	1		Tested
GL	901	10	16	2	pass	1	pass	1		Tested
GL	1293	10	16	2	pass	1	pass	1		Tested
GL	1294	10	16	2	pass	1	pass	1		Tested
GL	261	10	16	2	pass	1	pass	1		Tested
GL	550	9	16	3	pass	1	pass	1		Tested
GL	440	9	16	3	pass	1	pass	1		Tested
GL	1266	11	16	3	pass	1	pass	1		Tested
GL	336	11	16	3	pass	1	pass	1		Tested
GL	1094	11	16	3	pass	1	pass	1		Tested
GL	1281	12	16	3	pass	1	pass	1		Tested
GL	922	10.5	16	3	pass	1	pass	1		Tested
GL	565	10.5	16	3	pass	1	pass	1		Tested
GL	942	10.5	16	3	pass	1	pass	1		Tested
GL	403	9.5	16	3	pass	1	pass	1		Tested
GL	427	9.5	16	3	pass	1	pass	1		Tested
GL	367	9.5	16	3	pass	1	pass	1		Tested
GL	369	9.5	16	3	pass	1	pass	1		Tested
GL	402	9.5	16	3	pass	1	pass	1		Tested
GL	359	9.5	16	3	pass	1	pass	1		Tested
GL	401	9.5	16	3	pass	1	pass	1		Tested
GL	287	10	16	3	pass	1	pass	1		Tested
GL	675	10	16	3	pass	1	pass	1		Tested
GL	268	10	16	3	pass	1	pass	1		Tested
GL	288	10	16	3	pass	1	pass	1		Tested
GL	456	10	16	3	pass	1	pass	1		Tested
GL	451	10	16	3	pass	1	pass	1		Tested
GL	466	10	16	3	pass	1	pass	1		Tested

Product Code	Number	Size	Length	Class	ET-L	No.	ET-R	No.	Code No.	Comments
GL	442	10	16	3	pass	1	pass	1		Tested
GL	269	10	16	3	pass	1	pass	1		Tested
GL	435	10	16	3	pass	1	pass	1		Tested
GL	459	10	16	3	pass	1	pass	1		Tested
GL	399	10	16	3	pass	1	pass	1		Tested

Notes

TESTED BY ANSI/ASTM NAIL STANDARDS

Date Recieved

May 11, 2016

Date Tested

June 15, 2016

Date Shipped

June 15, 2016

Total Singles Tested

236

Total Singles Passed

225

Total Singles Rejected

11

TEST REPORT # 16

Torco TESTING SERVICES, INC.

P.O. Box 1717 - Louisville, KY 40201
(502) 561-0506
Toll Free 888-540-0065
Website: torcotesting.com

CUSTOMER South Ky. RECC STATE Ky. TECH. Campbell DATE 3-22-16 TIME 10:40 AM PM

TRUCK # 333 S/N 0111CZ0392 MODEL AT40M Altec TEMP 43 °F R.H. 60 %

AC DIELECTRIC TEST
ANSI/SIA A92.2 SECTION 5.4.3 CATEGORY C

AREA TESTED	APPLIED VOLTAGE KVAC	TEST TIME MIN.	LEAKAGE MILLIAMP	RESULTS
BASKET SHAFT TO LOWER BOOM	40	1	.175	Passed
LOWER BOOM INSERT	350	1	1.199	Passed
BASKET TO CHASSIS	40	1	.448	
EXTENSIBLE BOOM				
BASKET LINER	35	1		Passed
HYDRAULIC OIL	24.2			
HOT STICKS			DIELECTRIC	
OTHER				

STRUCTURAL ANALYSIS
ANSI/SIA A92.2 8.2.4

VT – Visual Inspection
ULT – Ultrasonic Test
MT – Magnetic Particle Testing

AREA TESTED	RESULTS	AREA TESTED	RESULTS
Accessible outrigger welds	VT, MT	Accessible outrigger pins	ULT
Lower pedestal welds	VT	Anchor bolts	ULT
Accessible cylinder block welds	VT, MT	Accessible turntable bolts	ULT
Welds at elbow	VT, MT	Lower boom hinge pin	ULT
Welds at basket area	VT, MT	Accessible cylinder pins	ULT
Welds on head of boom	—	Upper boom hinge pin	ULT
Boom support	VT	Basket shaft	—
Auger support brace	—	Auger hanger pins	—
Winch line hooks	—	Pintle hook	VT
Turret welds	VT, MT		

NONDESTRUCTIVE FIBERGLASS ANALYSIS	RESULTS

COMMENTS ON DIELECTRIC TEST

COMMENTS ON STRUCTURAL ANALYSIS

(1) Boom retract control not working at lower controls.

Joe Fifer
3-24-16

Dielectric Testing (Live Line Tools) South KY. RECC

Name Robert Edwards Vehicle # 333

	Qty	Pass	Fail	Pass 2nd	Fail 2nd	Reason
Fiberglass Tools						
Extendo Stick	3	3				
Shotgun Stick	1	1				
Strain Link Stick						
Switch Stick	1	1				
Measuring Stick						
Squeeze Tool	3	3				
Cable Slicer						
Bolt & Cable Cutter	1	1				
Pike Pole						
Cant Hook						
Pole Strap Gin-Transformer	1		1			
Layout Arms-Conduct Support						
Lever Handle Compression Tool						
Sectional Tree Trimmer						
Pruning Saws-Hydraulic						
Mik Holders-T						
Elbow Puller						
Jumpers						
Insulated Jumpers-Mechanical						
TOTAL	10	9	1			

Notes:

Revision 4--3/16/10

Test By.....TORCO Testing services Inc. Date 3-22-16

ELECTRIC OPERATION DISPATCHER - AFTER HOUR LOG SHEET

* REFER TO INSTRUCTION SHEET FOR SPECIFIC
* INFORMATION ON HOW TO FILL OUT THIS FORM

* SHEET * OF

PART 1: DISPATCHER INFORMATION

NAME: BEN BURTON

SHIFT START TIME: 0:00 TIME YOU ARRIVED: 0:00 DATE: 8/12/2016 DAY OF WEEK: Friday

SHIFT END TIME : 7:30 TIME YOU LEFT : 7:30 DATE: 8/12/2016 DAY OF WEEK: Friday

PART 2: COMMUNICATION AND ACTIVITY REPORT

CODE KEY: RADIO CALL MADE = RM TELEPHONE CALL RECEIVED =TR VISITOR = V
RADIO CALL RECEIVED = RR TELEPHONE CALL MADE = TM OTHER = O

TIME	CODE	NAME	REASON	ACTION TAKEN
0				
16:30	O	SCADA	PERFORMED SCADA SHIFT CHANGE PROCEDURE	OKAY
16:30	O	CAMERAS	PERFORMED SECURITY CAMERA CHECK	OKAY
16:30	O	ONLINE SUPPORT	OPEN AND RUNNING	OKAY
4:28	tr	Gary Mason	sandy gap outage 275343	disp re/bk
4:37	tm	Rob Edwards	Sandy gap outage	
4:38	tm	Byron Koontz	sandy gap outage	
6:30	tr	Rob Edwards	Byron possible contact, has already contacted Ish and hes enroute to pick him up	
6:31	tm	Ish Helton	no answer	
6:33	tm	Ish Helton	no answer	
6:34	tm	Ish Helton	no answer	
6:36	tm	Ish Helton	verified with Ish that he was enr to pick up Byron	
6:47	tm	Dennis Holt	making sure he was aware of the situation	

T CALLED	EMPLOYEE	WK FINISHED	RETURNED HOME	REASON CALLED
4:35	rob edwards			outage sandy gap

* PART 4 : JOB ACTIVITY AND OTHER INFORMATION

rob has contacted Ish and on the way to pick him up

LACEY FORK
OLD HWY 80
1416616
1416615
1416614
25
4236335
4236334

KEEP= ⬭ TRANSFER OR CONVERT= ▭ RETIRE= ✱ RECEIVED

KENTUCKY 54 WAYNE
SOUTH KENTUCKY R.E.C.C. STAKING SHEET

STAKED B BP DATE B 5-16
CHKD BY ____ DATE ____
RELEASED BY ____ DATE ____
BUILT BY ____ DATE ____
INSPECTED BY ____ DATE ____
MAP REFERENCE 12-41-62-006
LOCATION 01

WORK ORDER NO. ____
RETIREMENT NO. ____
SHEET NO. ____ OF ____
SECTION NO. ____
REQ. DATE ____

41

UNIT SUMMARY

UNITS CD	UNITS SPEC	UNITS INST.	UNITS REM.	QUANTITY CD	QUANTITY SPEC	QUANTITY INST	QUANTITY REM

UNITS CD	UNITS ITEM ID	WIRE	QUANTITY INSTALL	QUANTITY REMOVE

		ITEM CD	ITEM ID	POLE LINE FEET INSTALL	POLE LINE FEET REMOVE
OH POLE LINE FEET	PRIMARY	3	81		
	SECONDARY	3	82		
	SERVICE	3	83		
NO. OF MEMBERS		3	84		
SECURITY LIGHT		3	85		
URD POLE LINE FEET	PRIMARY	3	86		
	SECONDARY	3	87		
	SERVICE	3	88		
NO. OF MEMBERS		3	89		
GRD REP— POLE		3	90		
REC. CAP. SERV. GRND		3	91		
CLEARANCE POLE		3	92		
BATCH TOTAL		99			

POLE NO.	PRI. (BACK) SPAN	POLES N & C MISC	PRI. UNIT MISC	R-W CLEAR WID	LINE ANGLE	TRANS. "G"	GR. "M E"	GUY NO.	GUY UNIT & SIZE	GUY LEAD	ANCHOR "Y"	SECONDARY SPAN UNDER-BUILD	SECONDARY SPAN SEC. ONLY	SECONDARY UNIT NO.	SECONDARY UNIT J OR E	SERVICE SPAN	SERVICE UNIT NO.	SERVICE UNIT E	SERV. WIRE SIZE	METER	REMARKS & MISC. UNITS
EX		4015	VB1				12														# 35

PRI. WIRE SIZE #2 EY
NEU. WIRE SIZE #2
CONDUCTOR TYPE ACSR
PHASE BP

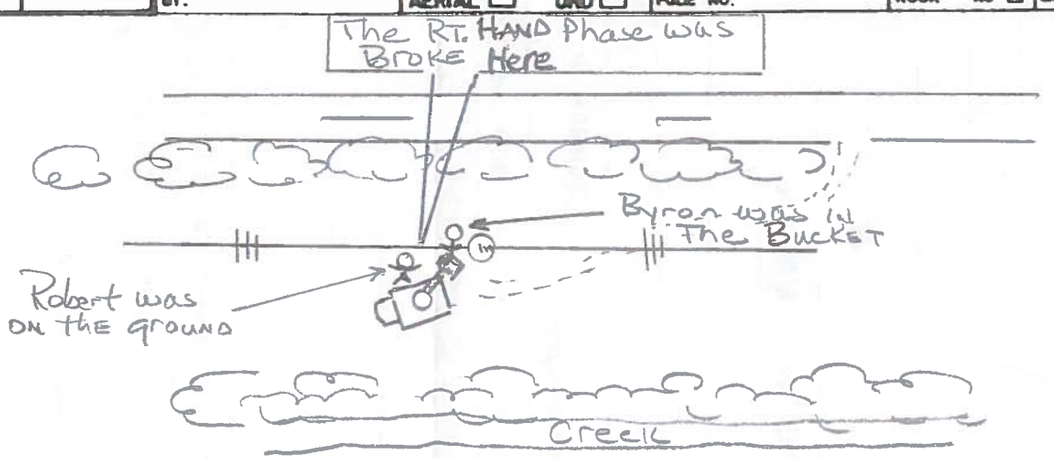
REV

BLASTING INFO: BY
DATE AMT.

PRIMARY VOLTAGE 7200

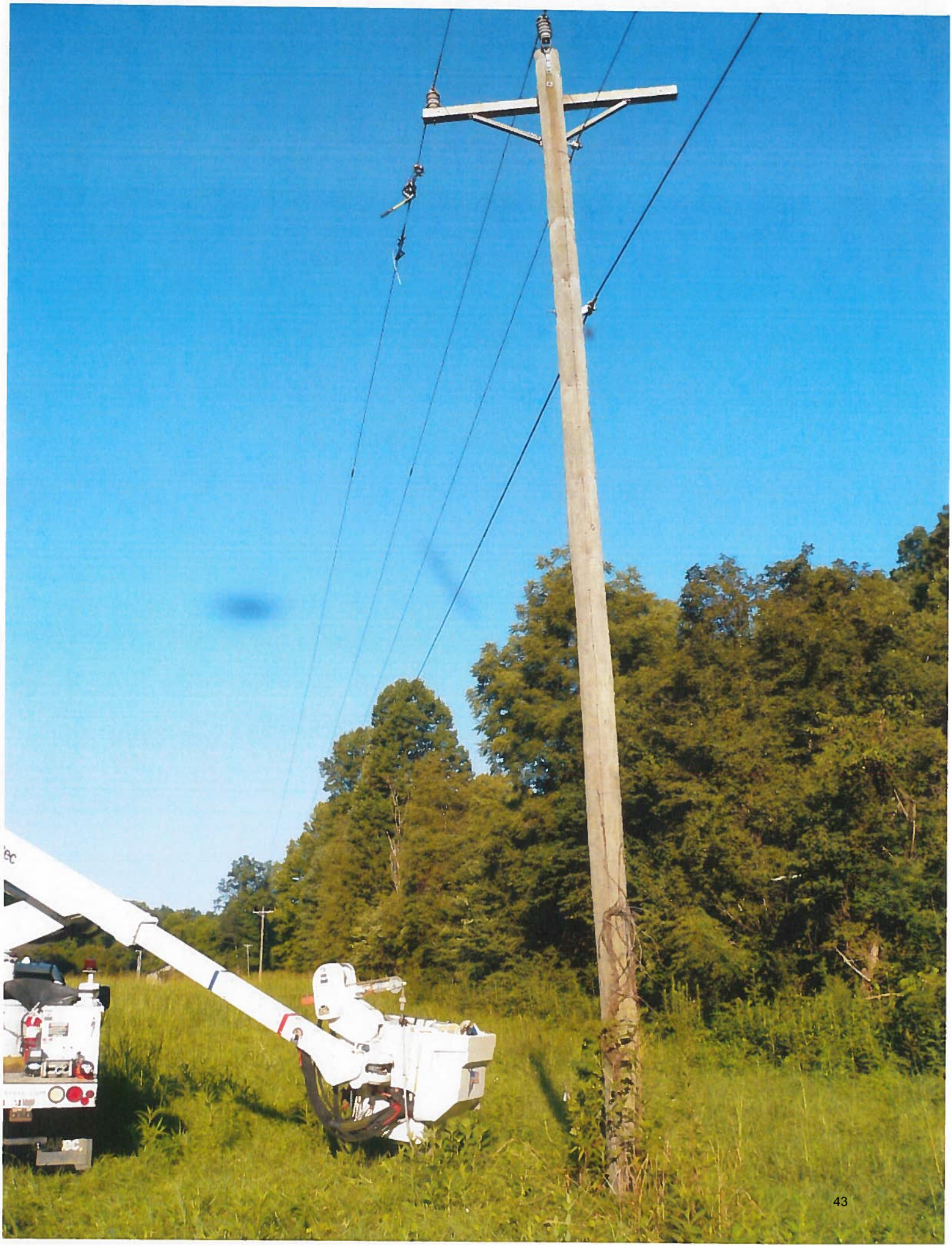
R/W EASEMENT BY ____ DATE ____
SIGNED YES NO BY ____ DATE ____

C.I.S. SIGNED YES ☐ NO ☐ BY:
TEL. ATTACHED YES ☐ NO ☐ AERIAL ☐ URD ☐
T.V. ATTACHED YES ☐ NO ☐ POLE NO.
MAY BE ROCK YES ☐ NO ☐
MUST BE DRY ☐ CAN DO ANYTIME ☐
NEED R/W CREW YES ☐ NO ☐
NEED CHIPPER YES ☐ NO ☐



6

MATERIAL SHEET NO.

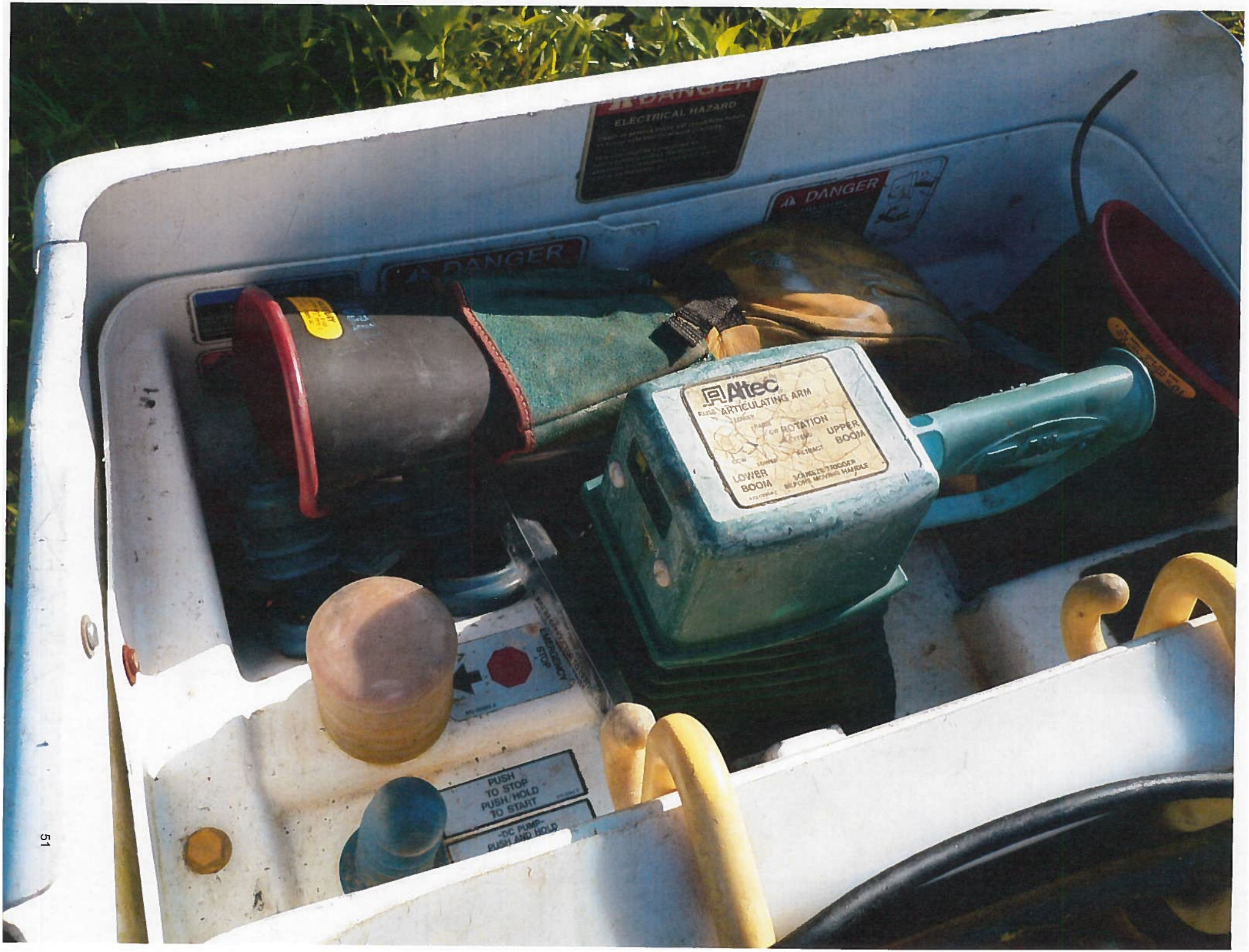


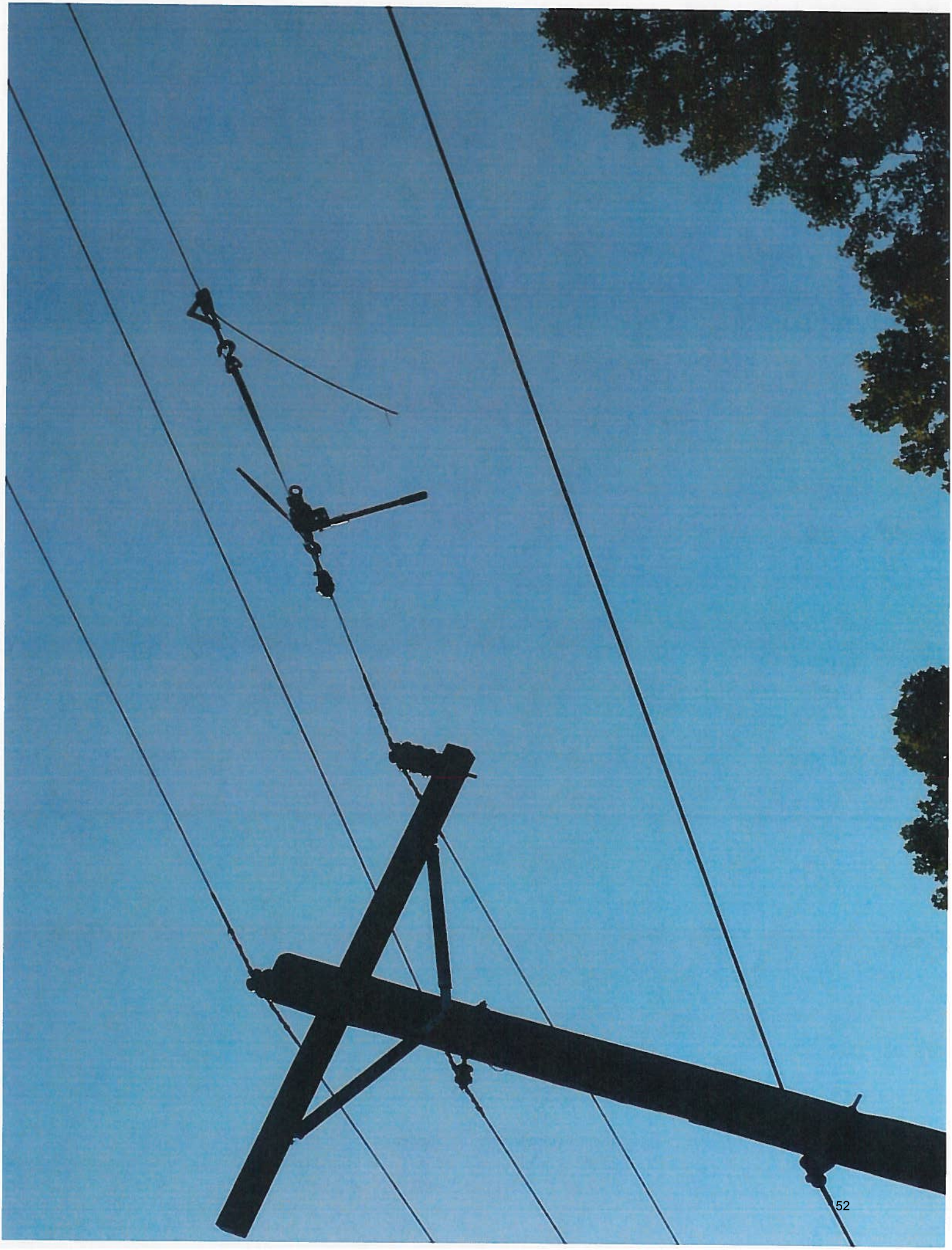

ntucky
CC

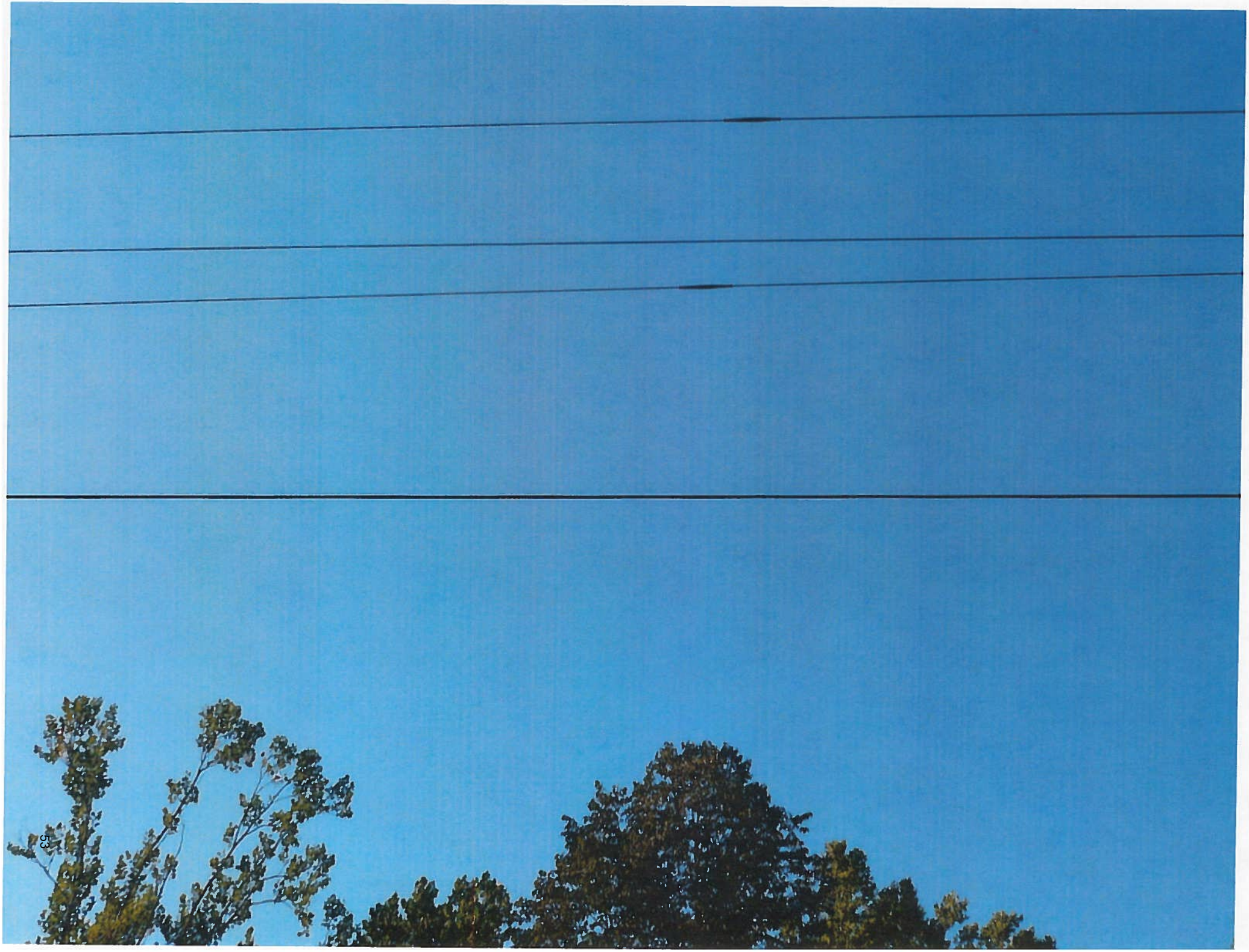

ntucky
CC


DANGER

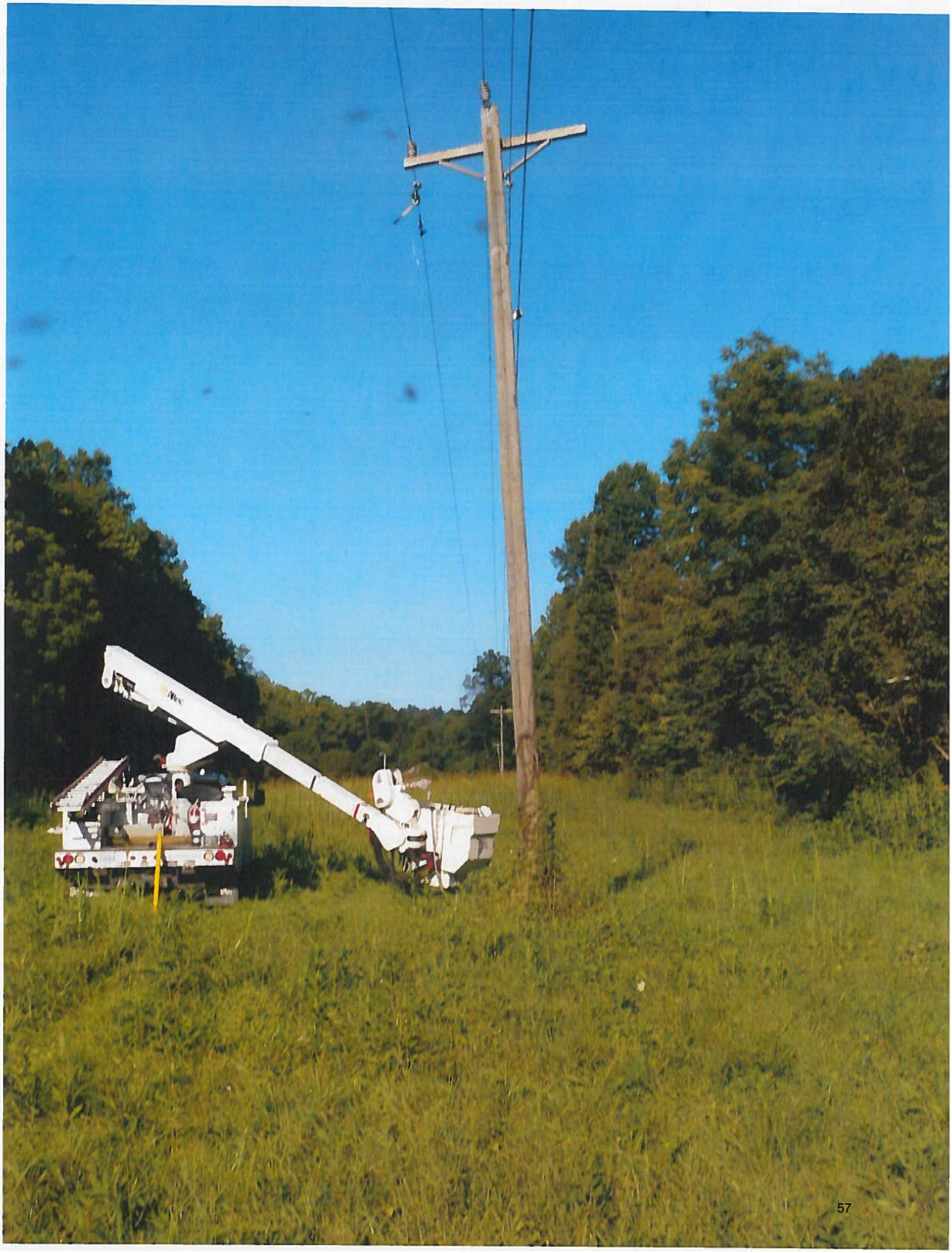

SK South Kentucky RECC
333
SOMERSET, KY
USDOT 388359

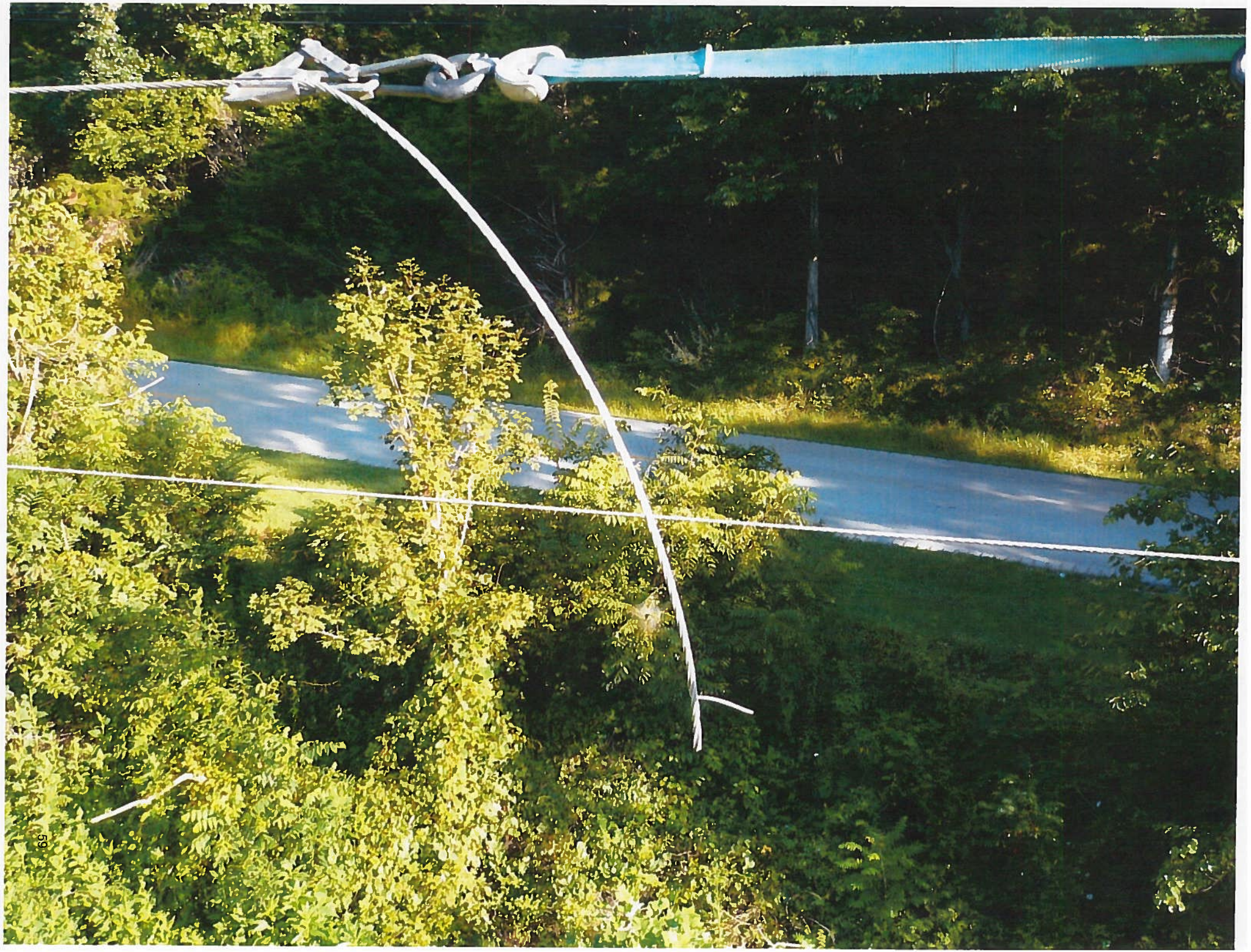

DANGER
ELECTRICAL HAZARD
DANGER
DANGER
Altec
ARTICULATING ARM
ROTATION
UPPER BOOM
LOWER BOOM
EMERGENCY STOP
PUSH TO STOP PUSH/HOLD TO START
-DC PUMP-
PUSH AND HOLD





SOUTH KY RECC
123635





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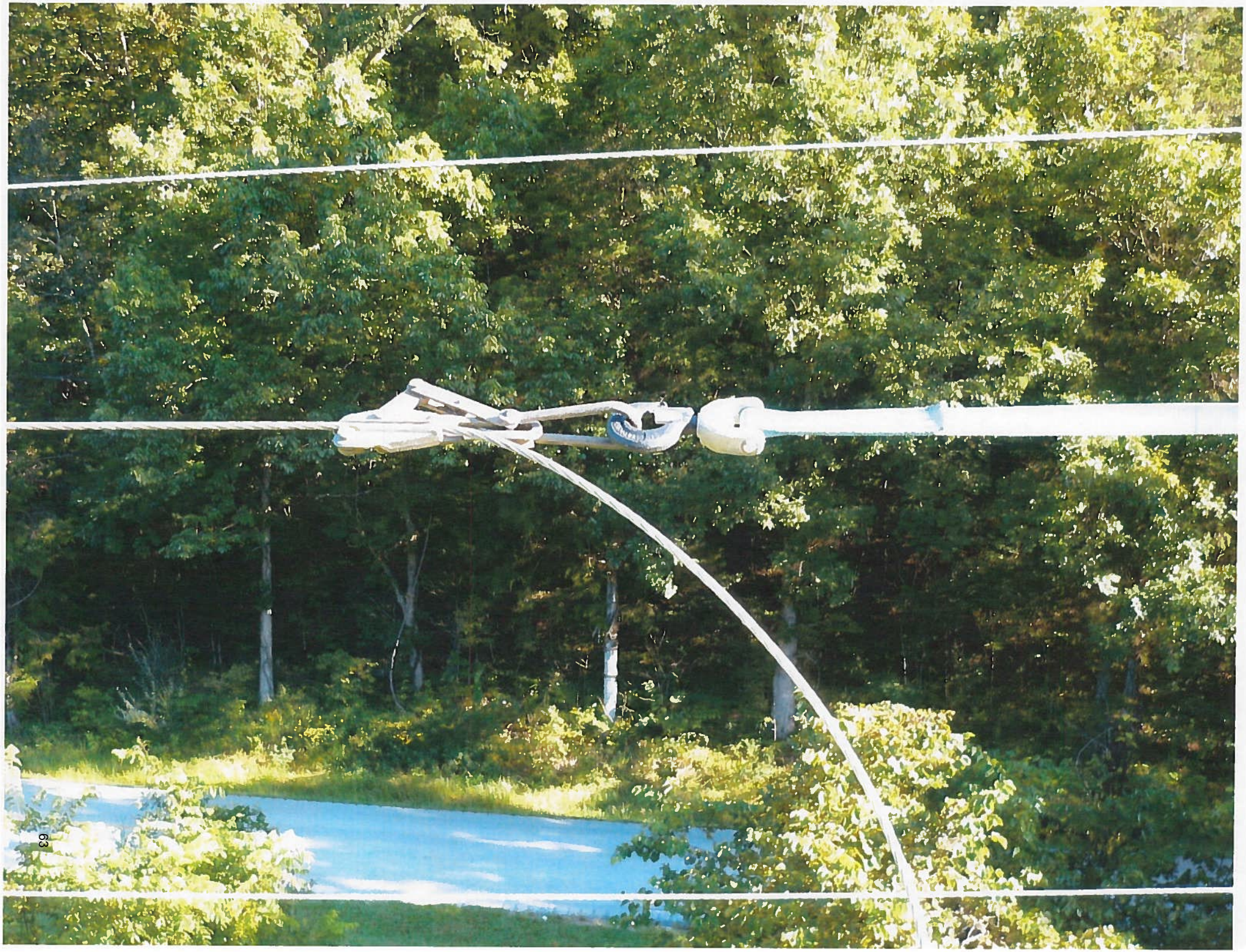


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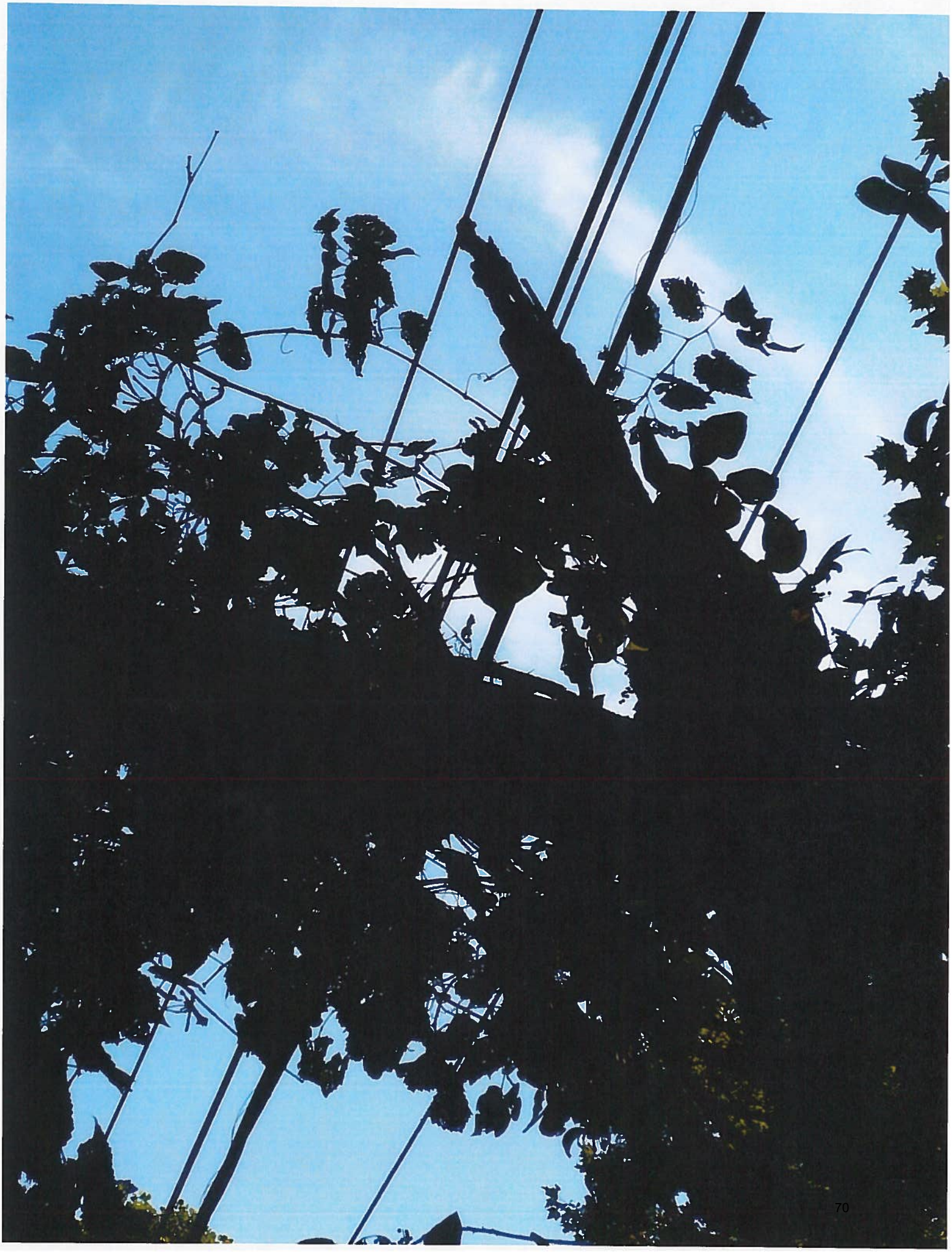
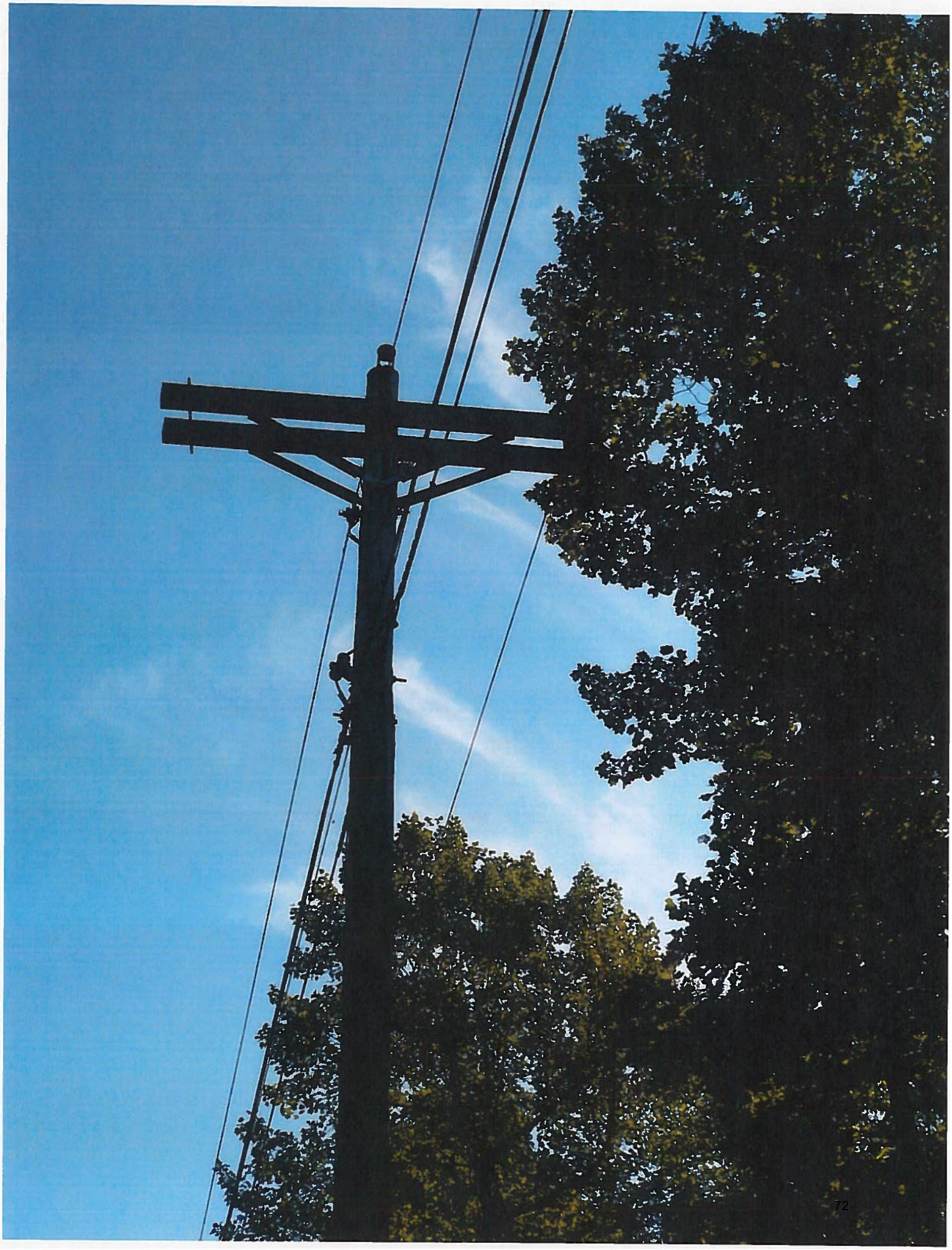
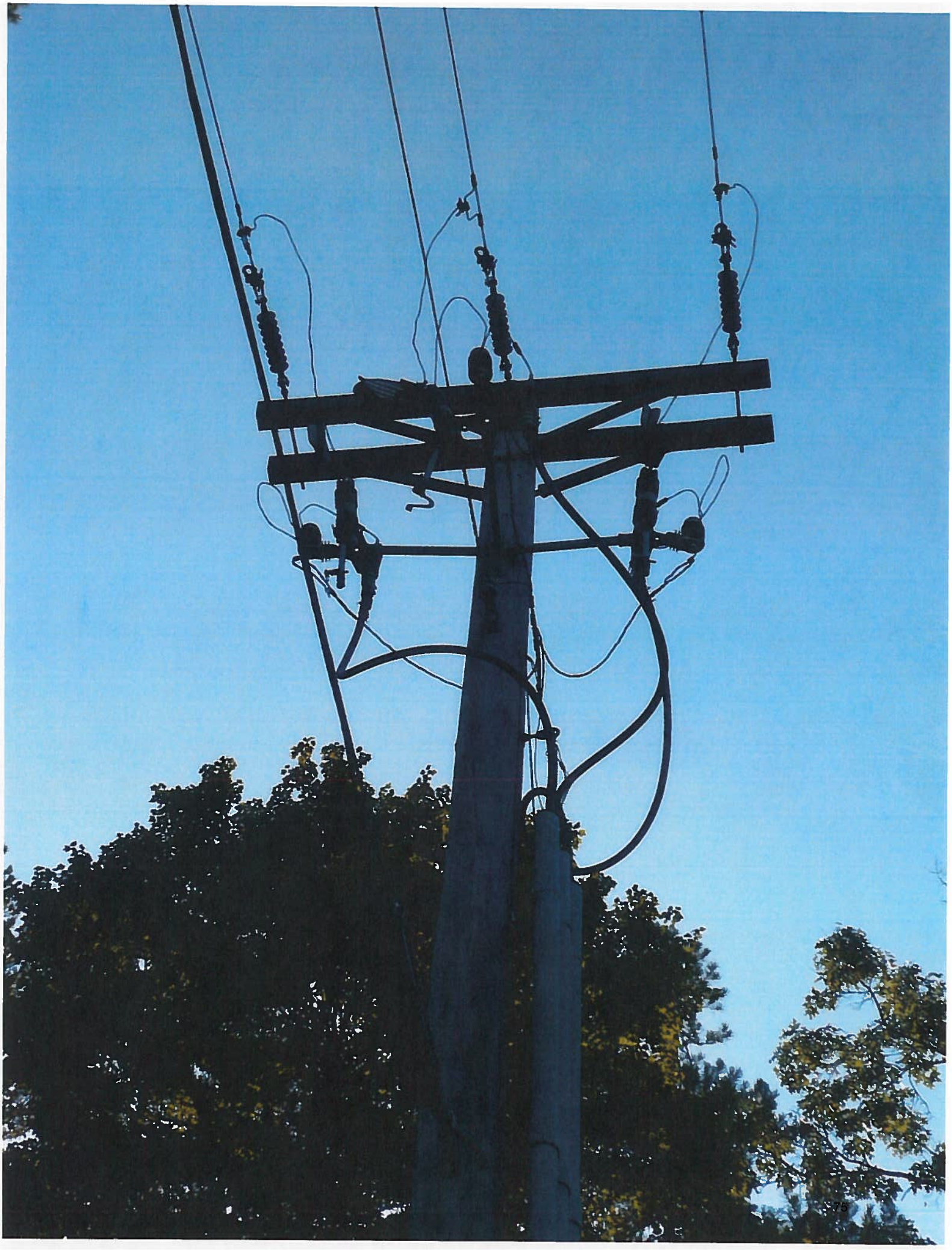


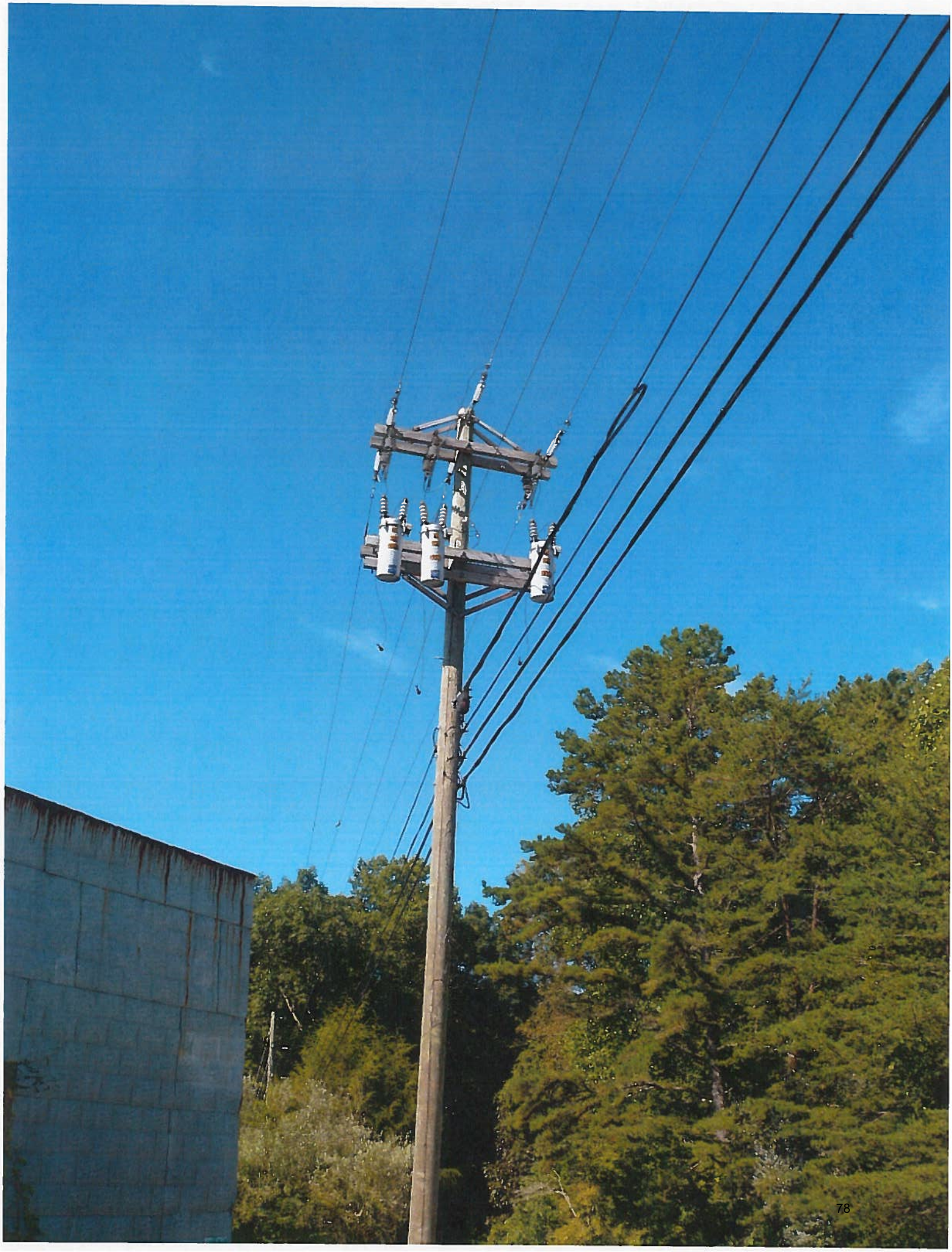



SOUTH KY RECC
141744


277/480
VOLTS
500
DUAL
VOLTS

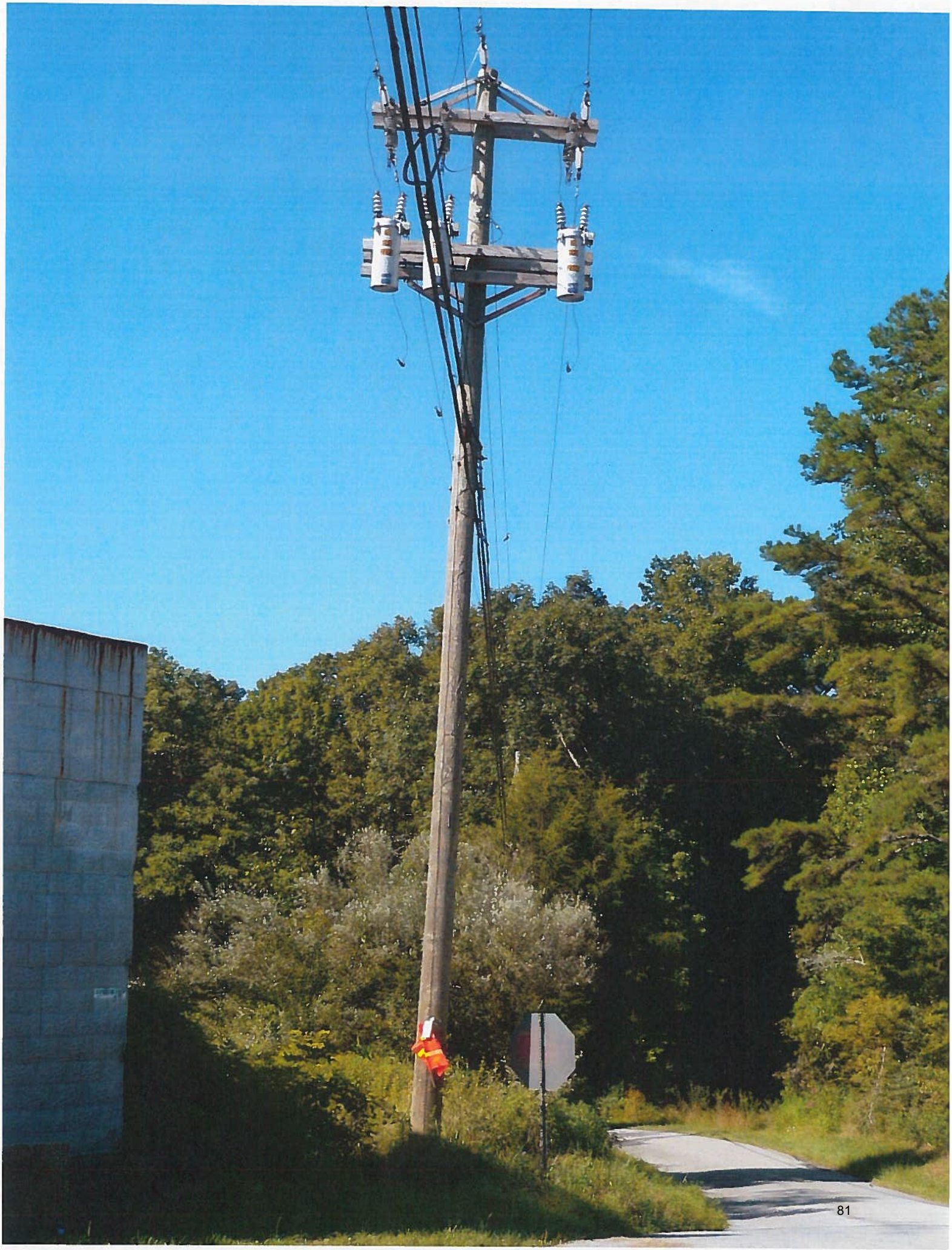


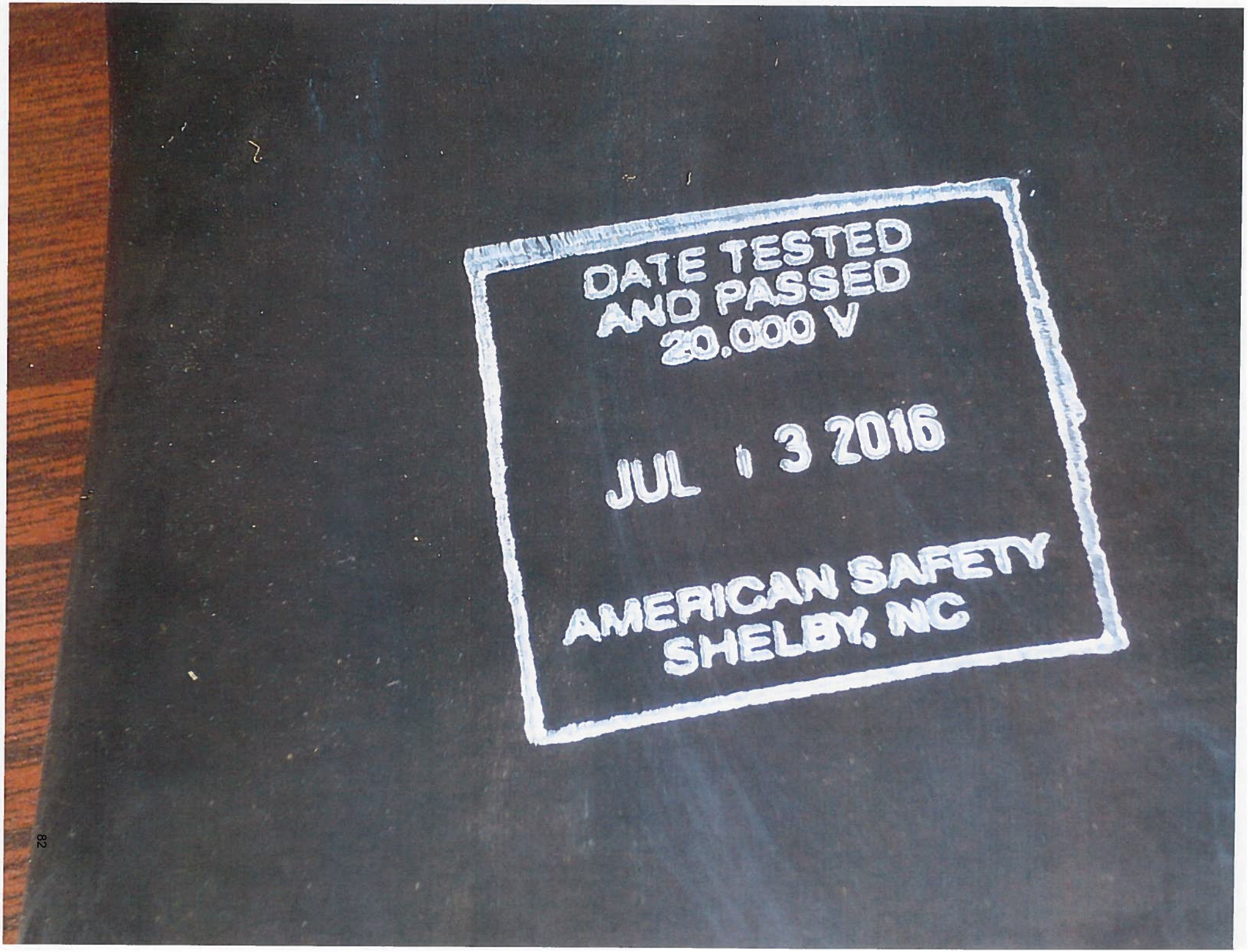

South Ky Recc
606-678-4121
SOUTH KY RECC
Z56069
343
17-04




70
EF2
2273
11-14
70
EF2
3290
10-14
70
EF2
2390
10-14


SOUTH KY RECC
141277
120
152




DATE TESTED
AND PASSED
20,000 V
JUL 13 2016
AMERICAN SAFETY
SHELBY, NC


DATE TESTED
AND PASSED
20,000 V
JUL 13 2016
AMERICAN SAFETY
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DATE TESTED
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JUL 13 2016
AMERICAN SAFETY
SHELBY, NC


DATE TESTED
AND PASSED
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1031
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SALISBURY
SKREGG
SKREGG

DATE TESTED
AND PASSED
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JUN 15 2016
AMERICAN SAFETY
SHELBY, NC
578
Rg
Right

SA
ANSI/ASTM
CLASS 2
MAX USE VOLT
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AND PASSED
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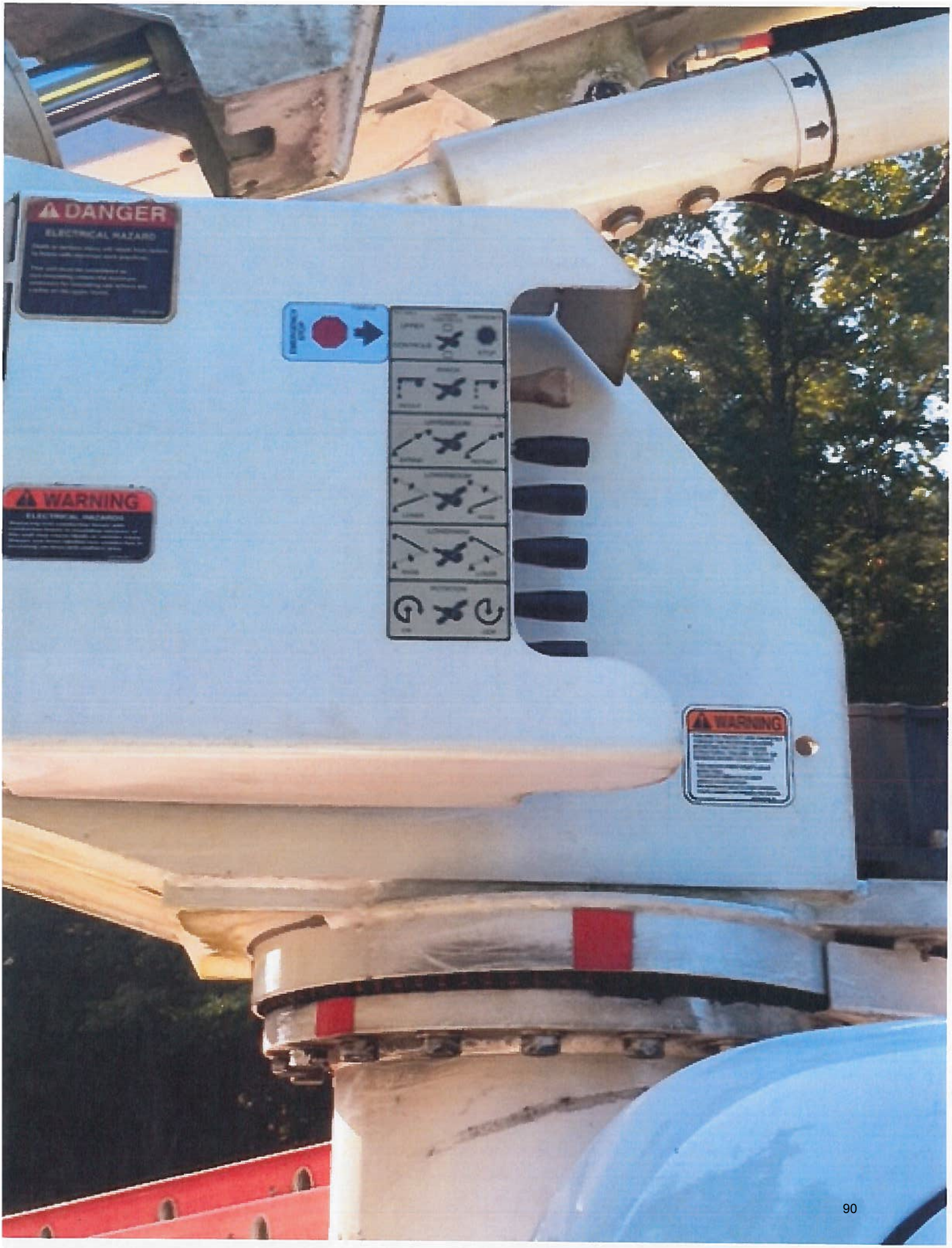
AMERICAN SAFETY
SHELBY, NC


578
578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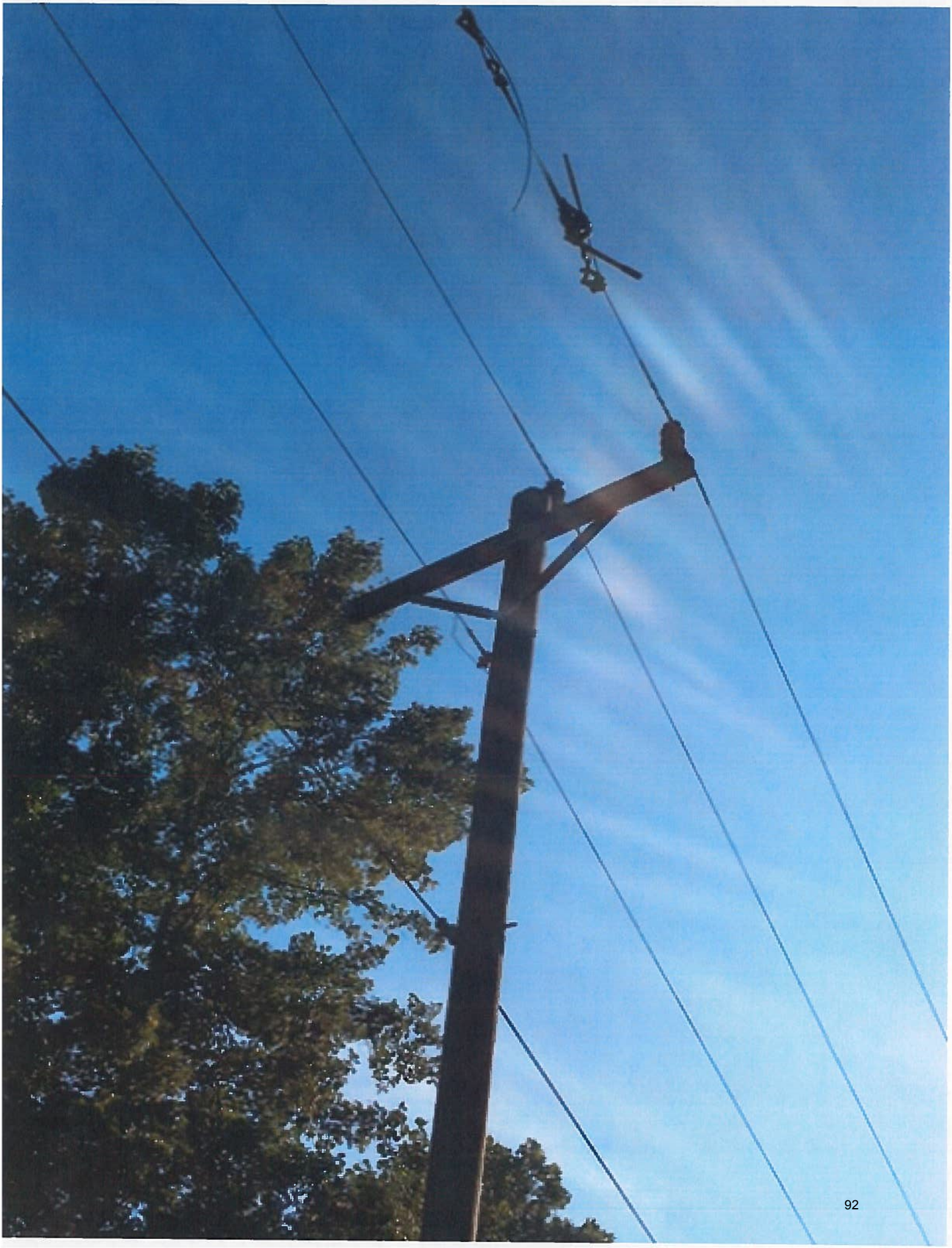
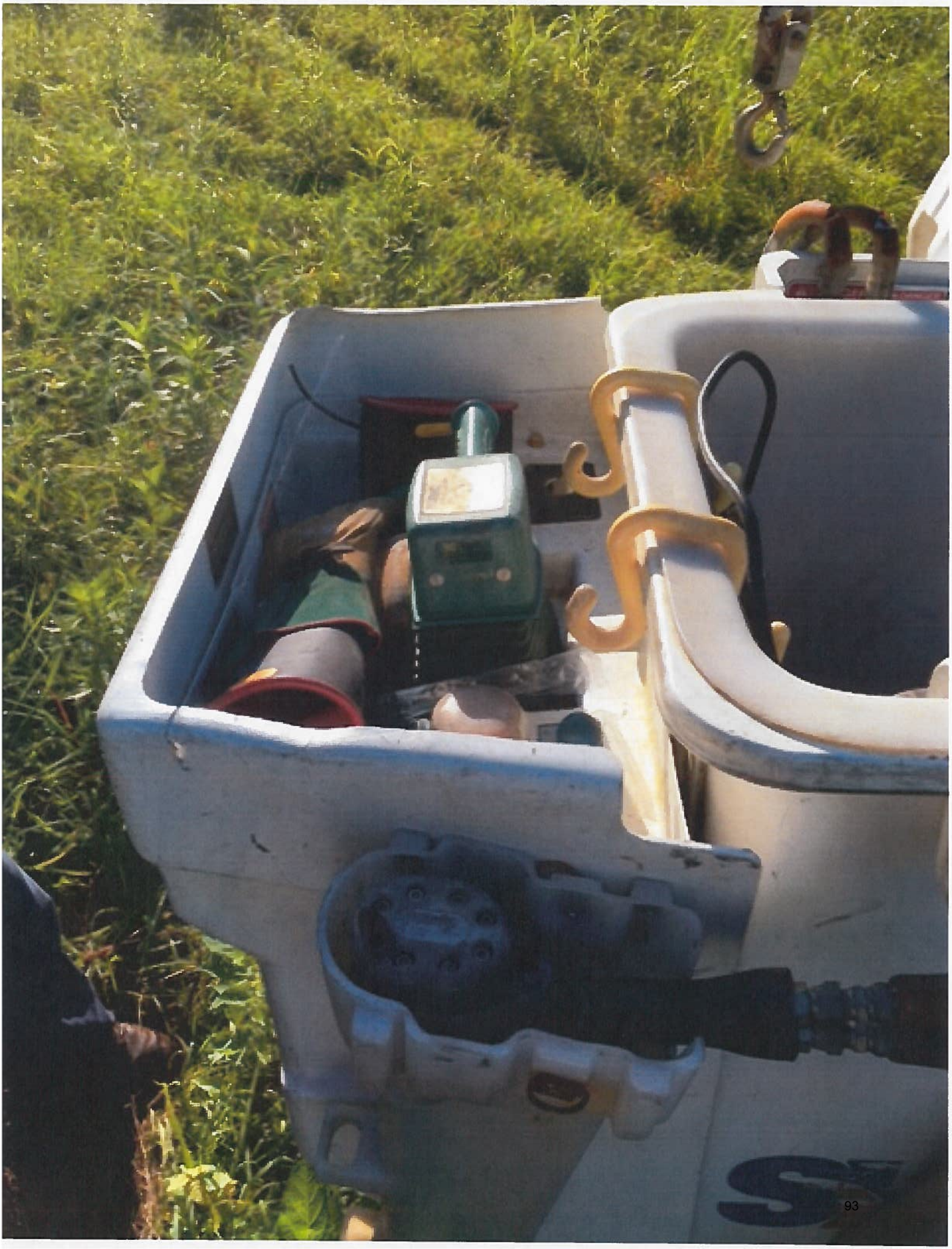
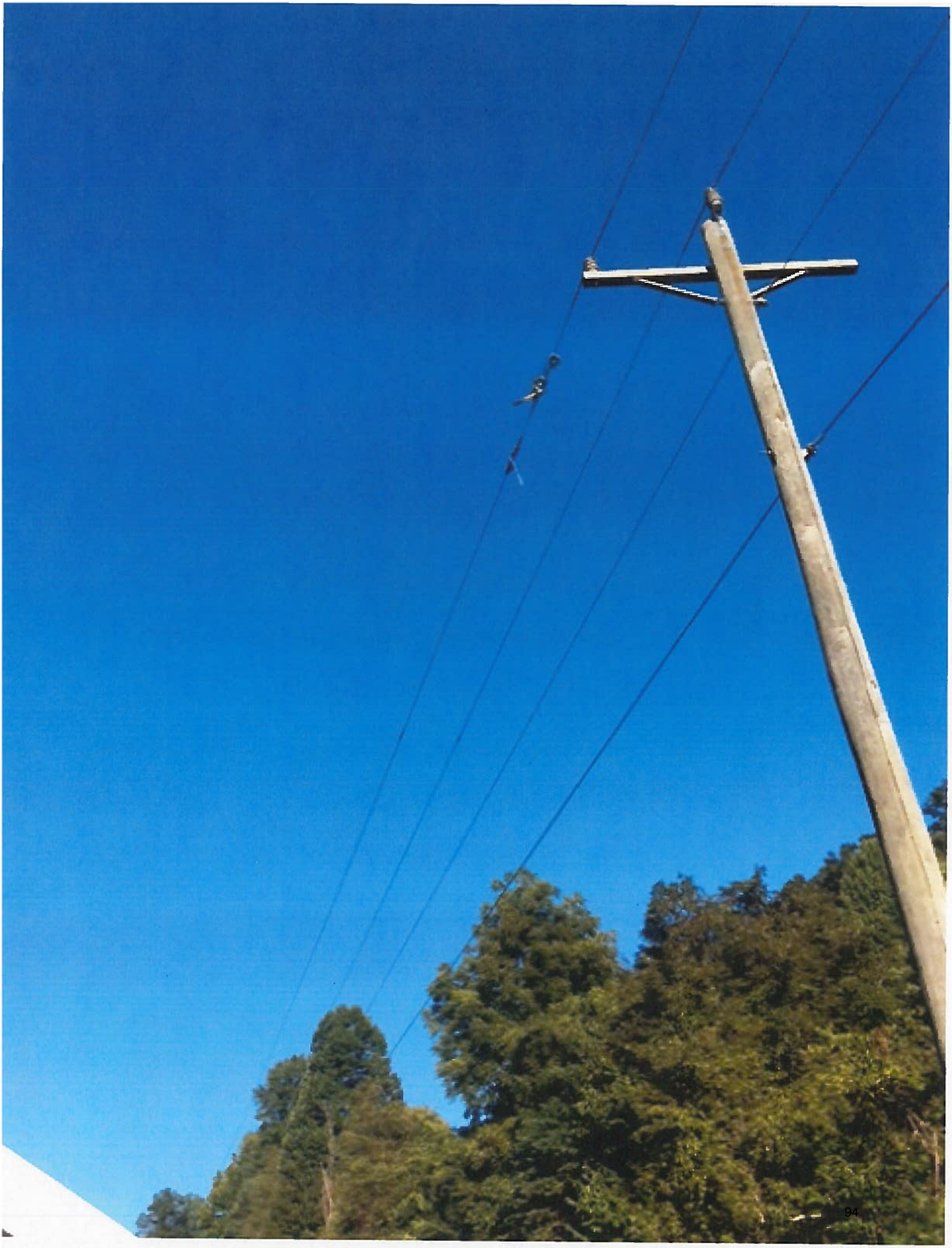
ELECTRICAL HAZARD
WARNING
WARNING

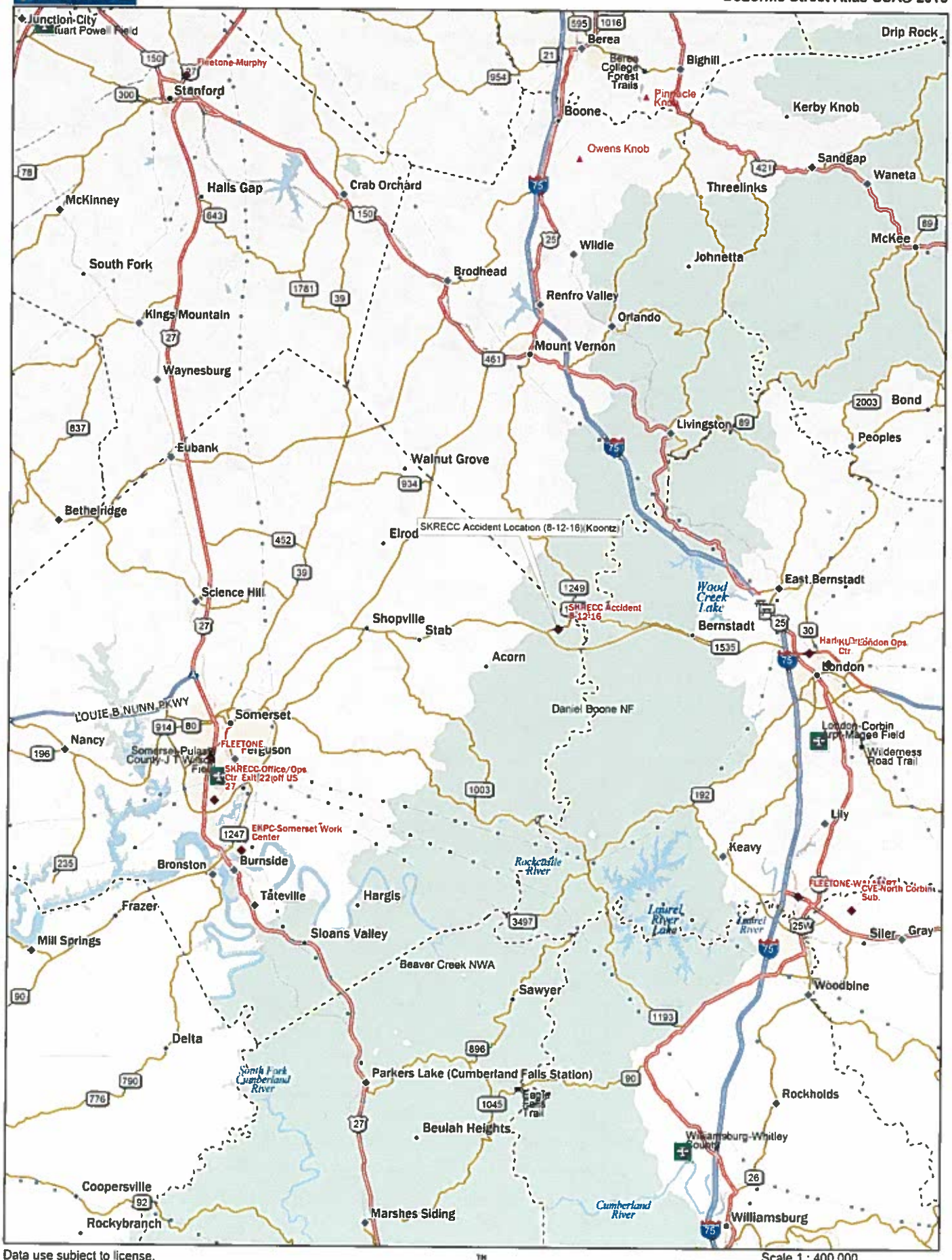






Attachment B

KPSC Map of Accident Site

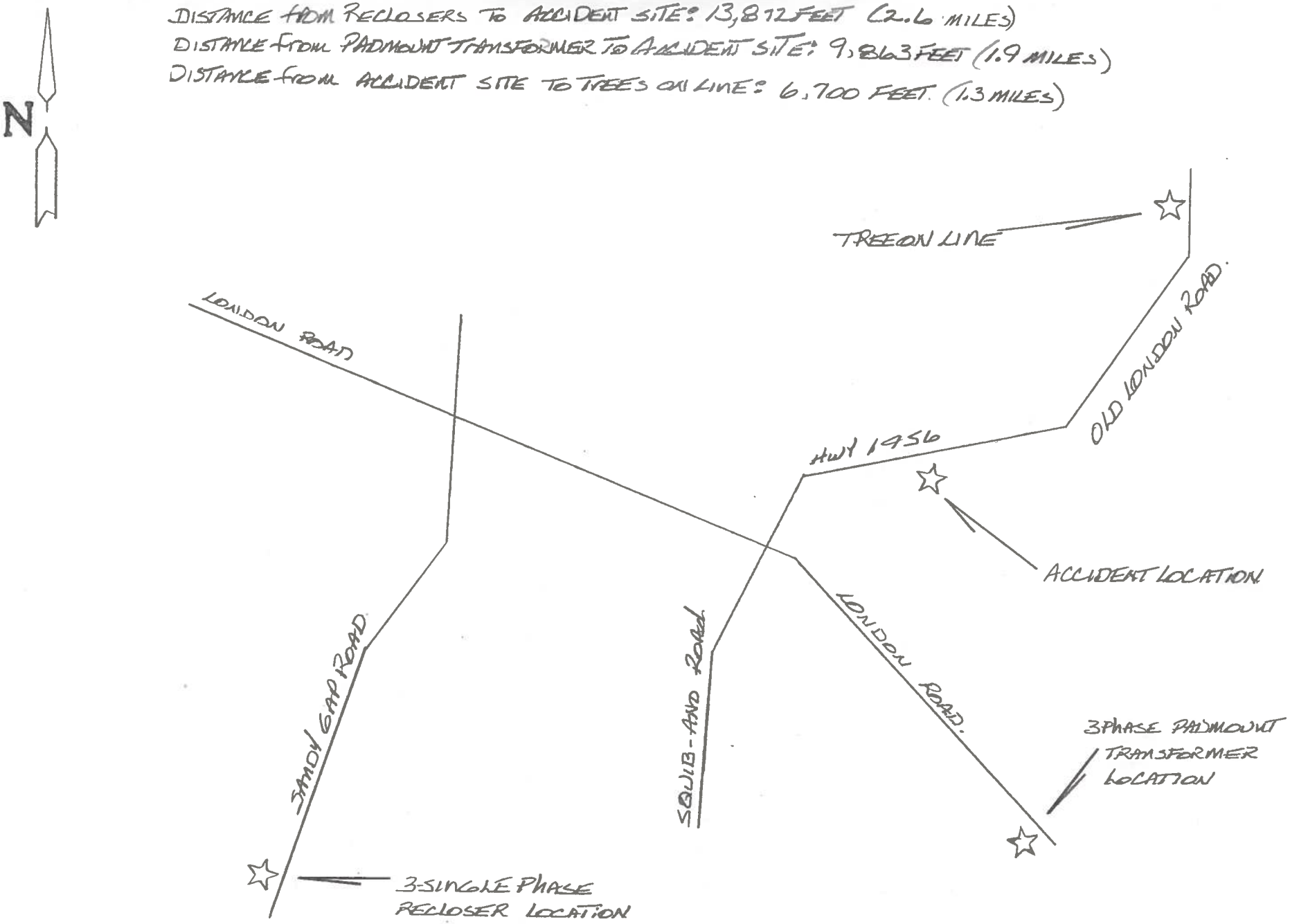


Scale 1 : 400,000

1" = 6.31 mi

Data Zoom 9-0

DISTANCE FROM RECLOSERS TO ACCIDENT SITE: 13,872 FEET (2.6 MILES)
DISTANCE FROM PADMOUNT TRANSFORMER TO ACCIDENT SITE: 9,863 FEET (1.9 MILES)
DISTANCE FROM ACCIDENT SITE TO TREES ON LINE: 6,700 FEET. (1.3 MILES)



THIS MAP IS A REPRESENTATION OF A MAP PROVIDED BY SOUTH KENTUCKY IN THE ACCIDENT SUMMARY REPORT. THE ORIGINAL MAP WILL BE WITH THE ORIGINAL SUMMARY REPORT.

NOT TO SCALE

Attachment C

KPSC Photographs


SKRECC Acc. (Koontz)
8/12/2016 11:04:10 AM

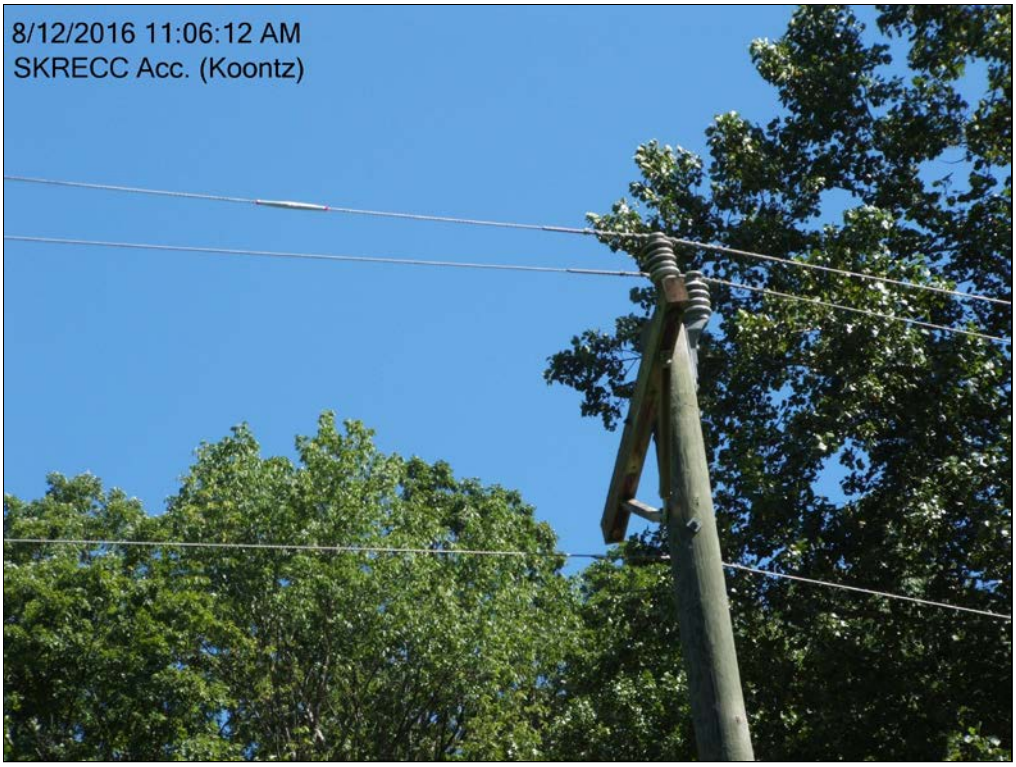
#1


8/12/2016 11:05:28 AM
SKRECC Acc. (Koontz)
Altec

#2


8/12/2016 11:05:50 AM
SKRECC Acc. (Koontz)

#3


8/12/2016 11:06:12 AM
SKRECC Acc. (Koontz)

#4


8/12/2016 11:06:17 AM
SKRECC Acc. (Koontz)

#5


8/12/2016 11:06:36 AM
SKRECC Acc. (Koontz)
Altec

#6


SKRECC Acc. (Koontz)
8/12/2016 11:08:06 AM

#7


SKRECC Acc. (Koontz)
8/12/2016 11:08:23 AM

#8


South Kentucky
RECC
DANGER
www.skrecc.com
SKRECC Acc. (Koontz)
8/12/2016 11:09:09 AM

#9


8/12/2016 11:11:04 AM
SKRECC Acc. (Koontz)
DANGER

#10


South Kentucky
RECC
KENTUCKY
534368
18000
DANGER
Altec
SKRECC Acc. (Koontz)
8/12/2016 11:11:37 AM

#11


8/12/2016 11:11:47 AM
SKRECC Acc. (Koontz)
South Kentucky
RECC
DANGER
KENTUCKY
534368
www.skrecc.com
Altec

#12


DANGER
ELECTRICAL HAZARDS
Death or serious injury will result from contact with load, unit, vehicle, or vehicle attachments if any part of the unit becomes energized.
All workers must understand and follow safe electrical work practices.
If any part of the unit is elevated within the minimum approach distance of an energized conductor, all unauthorized personnel must
KEEP CLEAR
Altec
ALTEC INDUSTRIES
SKRECC Acc. (Koontz)
8/12/2016 11:12:00 AM

#13


8/12/2016 11:12:09 AM
SKRECC Acc. (Koontz)
HARNESS AND LANYARD INSIDE
South Kentucky
RECC
333
RAM 5500 HEAVY DUTY
SOMERSET, KY
USDOT 388359

#14


SOUTH KY RECC
123635
SKRECC Acc. (Koontz)
8/12/2016 11:12:47 AM

#15


8/12/2016 11:13:31 AM
SKRECC Acc. (Koontz)

#16


SKRECC Acc. (Koontz)
8/12/2016 11:13:39 AM

#17


8/12/2016 11:14:00 AM
SKRECC Acc. (Koontz)

#18

#19

Attachment D

Accident Notification Information

Kingsolver, Steve R (PSC)

From: Kingsolver, Steve (PSC)
Sent: Friday, August 12, 2016 7:23 AM
To: PSC - Utility Electric Notifications
Subject: South Ky. RECC Accident. (Employee Shock and Burn)

I received a call from Dennis Holt with SKRECC at approximately 7:10AM today (8-12-16) reporting an employee shock and burn that took place this morning. Employee taken to the hospital. This was all of the information that was known at the time of reporting.

I will be doing a site investigation this morning.

I will be using B1790.

Steve Kingsolver

Sent from my iPhone

*South Kentucky R.E.C.C.
925-929 N Main Street
P. O. Box 910
Somerset, KY 42502-0910

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Somerset, KY 42502-0910