# COMMONWEALTH OF KENTUCKY

# BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

SOUTH KENTUCKY RECC

ALLEGED FAILURE TO COMPLY WITH KRS 278.042

CASE NO. 2013-00158

# <u>ORDER</u>

South Kentucky RECC ("SKRECC"), a Kentucky corporation which engages in the distribution of electricity to the public for compensation for light, heat, power, and other uses, is a utility subject to Commission jurisdiction.<sup>1</sup>

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

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

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

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 25, which requires all utilities to adopt and *execute* a safety program. 807 KAR 5:006 Section 25(1) requires each utility to establish a safety manual with written guidelines for safe working practices and procedures to be followed by utility employees. SKRECC has adopted the American Public Power Association ("APPA") Safety Manual, 14<sup>th</sup> Edition (2008) as its safety manual.

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 July 30, 2012, Ronnie Parrett, a SKRECC employee, sustained injuries after he made contact with an energized 7200-volt conductor while working on a job site at 2750 East Williamsburg Road in Whitley City, Kentucky. Ronnie Parrett, Mike Higginbotham, and Brad Coffey, ("the crew") all SKRECC employees, were working together on the site. At the time of the incident, Mr. Parrett was preparing to install a secondary service on dead end pole #144512. According to the witness statements, crew leader Mr. Higginbotham and Mr. Parrett positioned the bucket truck at the pole to install triplex service. Mr. Higginbotham stated that he told Mr. Parrett he was not sure if the transformer was hot or not, and Mr. Parrett told him he would check it. According to witnesses Mr. Higginbotham and Mr. Coffey, Mr. Parrett was removing vines that had grown up on the pole as he ascended in the aerial device. Crew members Mr. Higginbotham and Mr. Coffey both stated they heard an arc, but did not witness the event. According to each crew member, both men looked up and saw

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Mr. Parrett slumped over the aerial bucket. Mr. Higginbotham made the mayday distress call over the company radio, and Mr. Coffey began aerial rescue to lower Mr. Parrett down to the truck. Once Mr. Parrett was removed from the aerial bucket, he was transported by ambulance to a local fire department and airlifted to University of Kentucky Hospital. As a result of the incident, Mr. Parrett's left hand was severely burned. He also had a possible burn on his right middle finger, and possible flash burns and wounds to his face.

Based on Commission Staff's investigation of the incident as set forth in the Commission's Report, the information provided by SKRECC in its seven-day summary report (Attachment A to Appendix A), and SKRECC employee Ronnie Parrett's statement, Commission Staff alleges that SKRECC has violated the multiple provisions of the NESC and of its safety manual. These violations can be structured into four areas:

lines.

1.

Failure to perform preliminary inspection to determine existing condition of

a. NESC Section 42, Rule 420.D – General Rules for Employees – 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 preform preliminary inspections or tests to determine existing conditions. Operating voltage of equipment and lines should be known before working on or in the vicinity of energized parts.

b. NESC Section 42, Rule 422.C.5 – General Rules for Employees – Installing and Removing Wires or Cables – Employees working on or in the vicinity of equipment or lines exposed to voltages higher than those guarded against by safety appliances provided shall take steps to be assured that the equipment or lines on which the employees are working are free from dangerous leakage or induction or have been effectively grounded. c. NESC Section 44, Rule 443.A.1.a, 1.b – Additional Rules for Supply Employees – Work on Energized Lines and Equipment – A. General Requirements – 1. When working on energized lines and equipment, one of the following safeguards shall be applied: a. Insulate employee from energized parts; b. Isolate or insulate the employee from ground and grounded structures, and potentials other than the one being worked on.

d. NESC Section 44, Rule 443.A.3 – Additional Rules for Supply Employees – Work on Energized Lines and Equipment – General Requirements – All employees working on or in the vicinity of lines or equipment exposed to voltage higher than those guarded against by the safety protective equipment provided shall assure themselves that the equipment or lines on which they are working are free from dangerous leakage or induction, or have been effectively grounded.

e. APPA Safety Manual, Section 202.1 – Control of Hazardous Energy/ Lockout-Tagout – Includes employees authorized to work on Utility System. a) Safety – 1) Safety must be the first consideration. All safety rules of the company plus the APPA Safety Manual must be known and followed by each employee. Employees are expected to use judgment, common sense, and diligence in following these rules. Visually inspect all equipment for damage and identify possible problems before starting work or switching. Lines, cables, stations, or equipment are considered de-energized and ready for work only after the equipment has been identified and isolated, a clearance has been issued, and the equipment has been tested and grounded.

f. APPA Safety Manual, Section 507.8 – Work on Transformers – a) The primary leads of a distribution transformer shall be considered energized at full voltage until both the primary and secondary leads have been disconnected or it has been definitely determined that the secondary circuit to which it is attached is grounded. b) The cases of all transformers connected to a source of supply shall be considered as being energized at the full primary voltage unless they are adequately grounded. g. APPA Safety Manual, Section 507.13 – Grounding – General – a) All previously energized conductors shall be considered energized until tested and properly grounded. f) Grounding – Equal potential grounding is required whenever possible. When equal potential grounding is not possible, dual point grounding (bracket grounding) is acceptable. (1) Equal potential grounding is required when workers are working on or in close proximity to a structure, whether working from the structure (climbing) or from an aerial device.

2. Failure to take proper safeguarding precautions in vicinity of energized lines by employees and person in charge.

a. NESC Section 42, Rule 420.C.4 – General Rules for Employees – Safeguarding Oneself and Others – 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.

NESC Section 42, Rule 421.A -- General Rules for b. 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 necessary records and reports, as required. 4. Prevent unauthorized persons from approaching places where work is being done, as far as practical. 5. Prohibit the use of tools or devices unsuited to the work at hand or that have not been tested or inspected 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.

c. APPA Safety Manual, Section 102 - Employee's Responsibility for Safety – a) Before beginning a job, employees shall satisfy themselves that they can perform the task without injury. If they are in doubt as to their ability to perform the work, they shall call this to the attention of

their Supervisor. 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.

3. Failure to observe minimum approach distance ("MAD") requirements.

NESC Section 44, Rule 441.A.1.a-c, 3.a, 3.b(1)-(2) a. 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 Energized Lines or 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 deenergized 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 line or 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. -3. Precautions for Approach Voltages from 301 V to 72.5 kV -At voltages from 301 V to 72.5 kV, employees shall be protected from phase-to-phase and phase-to-ground differences in voltage. See Table 441-1 for the minimum approach distances to live parts. a. When exposed ground lines, conductors, or parts are in the work area, they shall be guarded or insulated. b. When the Rubber Glove Work Method is employed, rubber insulating gloves, insulated for maximum use voltage as listed in Table 441-4, shall be worn whenever employees are within the reach or extended reach of the minimum approach distances listed in Table 441-1, supplemented by one of the following two protective methods: (1) The employee shall wear rubber insulating sleeves, insulated for the maximum use voltage as listed in Table 441-4, in addition to the rubber insulating gloves. EXCEPTION: When work is performed on electric supply equipment energized at 750 V or less, rubber sleeves are not required if only the live parts being worked on are exposed. (2) All exposed energized lines or parts, other than those temporarily exposed to perform work and maintained under positive control, located within the reach or

extended reach of the employee's work position, shall be covered with insulating protective equipment. EXCEPTION: When work is being performed on parts energized between 300 V and 750 V within enclosed spaces (e.g. control panels and relay cabinets), insulating or guarding of all exposed guard lines, conductors, or parts in the work area is not required provided that employees use insulated tools and/or gloves and that exposed grounded lines, conductors, or parts are covered to the extent feasible.

b. APPA Safety Manual, Section 507.1 – Working at 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 parts than the minimum approach distances set forth in Tables 5.2 through 5.6 unless the employee is insulated from the energized part of 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. Refer to Paragraphs 507.2, 507.5, 507.8, and 509.5 for related information. Refer to OSHA Standard 29 CFR 1910.137.

c. APPA Safety Manual, Section 509.3 – Work on Energized Cables – c) No employee may approach or take any conductive object without an insulating handle closer to exposed energized parts than the clearances set forth in Tables 5.2 through 5.6 unless the employee is insulated from the energized part or the energized part is insulated from any other conductive object, as during live-line barehand work. Refer to Paragraphs 507.2, 507.5, 507.8, and 509.5 for related information. Refer to OSHA Standard 29 CFR 1910.137.

4. Failure to properly utilize personal protective equipment ("PPE").

a. NESC Section 42, Rule 420.H – 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.

NESC Section 44, Rule 441.A.1.b, 3.b(1)-(2) b. 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 Energized Lines or 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: 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 line or part being worked on. -3. Precautions for Approach Voltages from 301 V to 72.5 kV - At voltages from 301 V to 72.5 kV, employees shall be protected from phase-to-phase and phase-to-ground differences in voltage. See Table 441-1 for the minimum approach distances to live parts. b. When the Rubber Glove Work Method is employed, rubber insulating gloves, insulated for maximum use voltage as listed in Table 441-4, shall be worn whenever employees are within the reach or extended reach of the minimum approach distances listed in Table 441-1, supplemented by one of the following two protective methods: (1) The employee shall wear rubber insulating sleeves, insulated for the maximum use voltage as listed in Table 441-4, in addition to the rubber insulating gloves. EXCEPTION: When work is performed on electric supply equipment energized at 750 V or less, rubber sleeves are not required if only the live parts being worked on are exposed. (2) All exposed energized lines or parts, other than those temporarily exposed to perform work and maintained under positive control, located within the reach or extended reach of the employee's work position, shall be covered with insulating protective equipment. EXCEPTION: When work is being performed on parts energized between 300 V and 750 V within enclosed spaces (e.g. control panels and relay cabinets), insulating or guarding of all exposed guard lines, conductors, or parts in the work area is not required provided that employees use insulated tools and/or gloves and that exposed grounded lines, conductors, or parts are covered to the extent feasible.

c. NESC Section 44, Rule 443.A.6 – Work on Energized Lines and Equipment – A. General Requirements – 6. Equipment or material of a noninsulating substance that is not bonded to an effective ground and which extends into an energized area, and which could approach energized equipment closer than the distance specified in Rule 441A, shall be treated as though it is energized at the same voltage as the line or equipment to which it is exposed.

d. APPA Safety Manual, Section 401 – Personal Protective Equipment (PPE) – a) All employees shall be equipped with the appropriate PPE necessary to safely perform their jobs. The employer shall ensure that a preliminary assessment of work operations is performed to adequately evaluate the hazards and select suitable PPE for the employees. Any time PPE is worn, a job hazards analysis (JHA) should be completed prior to starting work. b) Before any employee is assigned to a new article of PPE to use during the course of their job, training should be conducted to instruct the employee on the use, care, inspection, and maintenance of the PPE.

APPA Safety Manual, Section 406 – Use and Care of e. Rubber Gloves – c) Rubber gloves are recommended to be worn while working on any pole or other structure on which energized lines or equipment are located, on which lines and equipment could be energized are located, or that are located close to energized lines or equipment where an employee could make contact (see paragraph 507.1 for limits on voltages 5kV or more). The rubber gloves should be put on before the employee ascends a pole or structure or raises an aerial device off the ground or device's cradle. Furthermore, employees should not remove the gloves until they have descended the pole or structure or returned the aerial device to the ground or cradle. As a minimum requirement, gloves shall be put on before the employee comes within falling or reaching distance (based on the AC Live-Line Work Minimum Approach Distance as indicated in Table 5.2) of unprotected energized circuits or apparatus or those that may become energized, and they shall not be removed until the employee is entirely out of falling or reaching distance of such circuits or apparatus. Employees shall refer to Utility policy regarding additional rubber glove requirements. d) In addition, rubber gloves shall be worn during the following conditions: (12) Pulling in wires or

handling other conducting materials near circuits, apparatus, or equipment that is or may become energized.

Based on its review of the Report and being otherwise sufficiently advised, the Commission finds that prima facie evidence exists that SKRECC has failed to comply with KRS 278.042, the most recent edition the National Electrical Safety Code, and SKRECC's safety manual.<sup>2</sup> 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 SKRECC's practices related to the construction, installation, and repair of electric facilities as they relate to the facts of this case. We find that an informal conference between Commission Staff and SKRECC should be held on or before July 23, 2013. The purpose of the informal conference is to discuss any and all procedural and substantive matters that may lead to the simplification or resolution of outstanding issues.

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

1. SKRECC 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. An informal conference shall be scheduled by subsequent Order prior to the scheduled hearing for the purpose of discussing all procedural and substantive matters.

3. SKRECC shall appear on August 27, 2013, at 10:00 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 most recent edition the National Electrical Safety Code,

<sup>&</sup>lt;sup>2</sup> SKRECC recognizes the American Public Power Association ("APPA") Safety Manual, 14<sup>th</sup> Edition (2008) as its adopted safety manual.

SKRECC's safety manual, and of showing cause why it should not be subject to the penalties prescribed in KRS 278.990(1) for these alleged violations.

4. At the scheduled hearing in this matter, SKRECC 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 related to this incident.

5. The August 27, 2013 hearing shall be recorded by videotape only.

6. The Report in Appendix A, Ronnie Parrett's statement in Appendix B, and Jeffery Moore's affidavit in Appendix C are made a part of the record in this case.

By the Commission



ATTE Executive Dine

Case No. 2013-00158

# APPENDICES

APPENDIX A	Public Service Commission's South Kentucky RECC Incident Investigation Report		
	ATTACHMENT A South Kentucky RECC Investigative Report		
APPENDIX B	Statement of Ronnie Parrett Concerning Incident of 7/30/12		
APPENDIX C	Affidavit of PSC Investigator Jeffrey Moore		

# APPENDIX A

Steven L. Beshear Governor

Leonard K. Peters Secretary Energy and Environment Cabinet



Commonwealth of Kentucky Public Service Commission 211 Sower Blvd P O Box 615 Frankfort, Kentucky 40602-0615 Telephone. (502) 564-3940 Fax: (502) 564-3460 psc ky gov David L. Armstrong Chairman

James W. Gardner Vice Chairman

> Linda Breathitt Commissioner

# South Kentucky RECC

# Incident investigation Report

Utility: South Kentucky RECC	Contract/Company/Public: Company		
Address: P. O. Box 910, Somerset, KY 42502			
Reported By: Eddie Black and Mike Ramsey	Title: Safety Department		
Contact Information:			
Phone: (606) 678-4121	Email: miker@skrecc.com		
Date Incident Occurred: 7/30/2012	Approximate Time (est.): 11:27 a.m.		
Date Utility Notified: 7/30/2012	Approximate Time (est.): 11:45 a.m.		
Date PSC Notified: 7/30/2012	Approximate Time (est.): 11:50 a.m.		
Date PSC Investigated: 7/31/2012	Approximate Time (est.): 10:00 a.m.		
PSC Investigator: Jeff Moore			
Incident Location: 2750 East Williamsburg Street, N	Nhitley City, Kentucky		
County: McCreary			
Fatality: No			
Injury: Yes, noted in seven-day report from South K	entucky RECC (SK) on page 9.		
Name(s): Ronald W. Parrett	Phone: (606) 875-0230		
Employer: South Kentucky RECC	Address: 3356 Highway 2003, Annville, Kentucky 42653		
Witness(s): Mike Higginbotham (Crew Leader)	Employer: South Kentucky RECC		
Brad Coffey	South Kentucky RECC		
Seven-Day Report Received: 8/2/2012			
Additional Information Requested: Yes	Received: 8/2/2012		
Information From: South Kentucky RECC	Department: Safety		
Incident Description: On 7/30/2012 Commission (F	PSC) staff was notified that an employee (Ronnie Parrett) of South		
Kentucky RECC (SK) made contact with an energize	ed 7200 volt conductor. The employee was working on a job site		

Kentucky RECC (SK) made contact with an energized 7200 volt conductor. The employee was working on a job site located at 2750 East Williamsburg Street, Whitley City, Kentucky. According to SK's seven-day report, Mr. Parrett was preparing to install a secondary service on the dead end pole he was working on. While ascending the pole in an aerial device, Mr. Parrett was removing vines that had grown up the pole. Crew members Mike Higginbotham and Brad Coffey (witnesses) working at the site stated they heard an arc, but did not witness the incident.

Findings: On 7/31/2012 PSC investigator (Jeff Moore) met Eddie Black at SK's Whitley City office to conduct an incident site investigation at 2750 East Williamsburg Street, Whitley City, Kentucky. After the site investigation, Mr.

Black and I returned to the Whitley City office to review information about the incident and to have each employee that was present during incident fill out a statement. The witness statements are noted on pages 64 and 65. PSC photographs taken at the incident site, and the equipment used the day of the incident, are listed on pages 66 - 72. According to SK's seven-day report, Mr. Parrett made contact with an energized conductor. As stated in the report, it is not clear how Mr. Parrett made contact. During the incident site investigation, Mr. Black discussed what looked like burn marks on the transformer hanger and on Mr. Parrett's left leather glove in the photos provided by SK on pages 18, 19, 20, 23, 24, and 25. Mr. Black also discussed what appears to be a small hole in the middle finger of the right glove shown in the PSC photos on page 28, which could indicate possible a contact point.

According to the witness statements, crew leader Mr. Higginbotham (crew leader) and Mr. Parrett positioned the bucket truck at the pole to install the triplex service for the customer at this location. Mr. Higginbotham stated he told Mr. Parrett he was not sure if the transformer was hot or not, and Mr. Parrett told him he would check it. Witnesses stated Mr. Parrett started pulling the vines away from the pole as he ascended in the aerial device. Witnesses stated they did not see what happened, but this is when they heard the arc.

According to Mr. Higginbotham and Mr. Coffey, while unloading the triplex conductor from the truck, they heard the arc. They both stated they looked up and saw Mr. Parrett slumped over the aerial bucket. Mr. Higginbotham made the mayday distress call over the company radio and Mr. Coffey began aerial rescue to lower Mr. Parrett down to the truck. Once Mr. Parrett was removed from the aerial bucket, he was transported by ambulance to a local fire department and airlifted to the University of Kentucky Hospital.

This is a single-phase line serving this customer. The customer for whom they were installing the triplex service was the only customer fed by this line. There was no evidence that the line had been checked to verify if it was energized. It was discovered during the incident investigation back at the Whitley City office that the voltage detection device used for this purpose was not on the truck, and had been sent in for repairs as noted on pages 43 - 45. Information provided by SK on page 45, indicate the device had been repaired and returned to SK on 6/26/2012.

**Investigators Comments:** The vines growing on the pole, around the transformer, and energized line could be considered an object which would extend the reach of an individual into the Minimum Approach Distance (MAD).

Based on the information in SK's seven-day report on page 9, the injury to Mr. Parrett's left hand and right middle finger could have been the contact points of an energized object (vines) and the hanger on the grounded transformer. Measurements taken from the bottom hanger to the top of the transformer on the same type of transformer used at the incident site shown are noted in the photographs on pages 29 and 30. Photographs taken by SK on pages 17 - 20, show rubber sleeves hanging on the aerial bucket, rubber gloves (PPE) in the bottom of the bucket, and leather gloves on the ground. Mr. Higginbotham stated once they got Mr. Parrett to the ground he removed Mr. Parrett's leather gloves to check for injury.

The crew failed to perform preliminary inspections or tests to determine the existing condition (energized) of the lines and equipment on which they were working. The person in charge did not make sure safety rules and operating procedures were followed by the employee under his direction. This incident might have been avoided if the equipment being worked on had been checked to determine if it was energized. If the equipment was energized, then one of the following should have been met before work began.

a. Insulate employee from energized parts.

b. Isolate or insulate the employee from ground and grounded structures, and potentials other than the one being worked on.

# Applicable Codes, Regulations, Statutes, and/or Utility Safety Manual:

# KRS 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.

# Section 42 NESC:

General Rules for Employees

- 1.) 420. Personal General Precautions
- 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 electric system, the property of others, and the public in general.

2.) 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.

3.) 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.

# Section 42 NESC:

General Rules for Employees

4.) 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.

# Section 42 NESC:

General Rules for Employees

5.) 422. Overhead Line Operating Procedures

Employees working on or with overhead lines shall observe the following rules in addition to applicable rules contained elsewhere in Sections 43 and 44.

#### C. Installing and Removing Wires or Cables

5. Employees working on or in the vicinity of equipment or lines exposed to voltages higher than those guarded against by the safety appliances provided shall take steps to be assured that the equipment or lines on which the employees are working are free from dangerous leakage or induction or have been effectively grounded.

#### Section 44 NESC:

Additional Rules for Supply Employees

6.) 441. Energized Conductors or Parts

Employees shall not approach, 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 to exposed parts unless one of the following is met: Table 441-1 is listed on page 77.

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.

3. Precautions for Approach Voltages from 301 V to 72.5 kV

At voltages from 301 V to 72.5 kV, employees shall be protected from phase-to-phase and phase-to-ground differences in voltage. See Table 441-1 for the minimum approach distances to live parts.

a. When exposed grounded lines, conductors, or parts are in the work area, they shall be guarded or insulated.

b. When the Rubber Glove Work Method is employed, rubber insulating gloves, insulated for the maximum use voltage as listed in Table 441-6, shall be worn whenever employees are within the reach or extended reach of the minimum approach distances listed in Table 441-1, supplemented by one of the following two protective methods:

(1) The employee shall wear rubber insulating sleeves, insulated for the maximum use voltage as listed in Table 441-6, in addition to the rubber insulating gloves. Table 441-6 is listed on page 78.

EXCEPTION: When work is performed on electric supply equipment energized at 750 V or less, rubber sleeves are not required if only the live parts being worked on are exposed.

(2) All exposed energized lines or parts, other than those temporarily exposed to perform work and maintained under positive control, located within maximum reach of the employees work position, shall be covered with insulating protective equipment.

### Section 44 NESC:

7.) 443. Work on Energized Lines and Equipment

A. General Requirements

1. When working on energized lines and equipment, one of the following safeguards shall be applied:

a. Insulate employee from energized parts

b. Isolate or insulate the employee from ground and grounded structures, and potentials other than the one being worked on.

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**8.)** 3. All employees working on or in the vicinity of lines or equipment exposed to voltages higher than those guarded against by the safety protective equipment provided shall assure themselves that the equipment or lines on which they are working are free from dangerous leakage or induction, or have been effectively grounded.

**9.)** 6. Equipment or material of a non-insulating substance that is not bonded to an effective ground and which extends into an energized area, and which could approach energized equipment closer than the distance specified in Rule 441A, shall be treated as though it is energized at the same voltage as the line or equipment to which it is exposed.

# South Kentucky RECC Safety Manual:

American Public Power Association (APPA) 14<sup>th</sup> Edition

# Section 1

# **GENERAL RULES**

# 10.) Section 102 Employee's Responsibility for Safety

a) Before beginning a job, employees shall satisfy themselves that they can perform the task without injury. If they

are in doubt as to their ability to perform the work, they shall call this to the attention of their Supervisor.

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.

# 11.) Section 202.1 Control of Hazardous Energy/Lockout-Tagout

Includes employees authorized to work on Utility System.

a) Safety

(1) Safety must be the first consideration. All safety rules of the company plus the APPA Safety Manual must be known and followed by each employee. Employees are expected to use judgment, common sense, and diligence in following these rules. Visually inspect all equipment for damage and identify possible problems before starting work or switching. Lines, cables, stations, or equipment are considered de-energized and ready for work only after the equipment has been identified and isolated, a clearance has been issued, and the equipment has been tested and grounded.

# 12.) Section 401 Personal Protective Equipment (PPE)

a) All employees shall be equipped with the appropriate PPE necessary to safely perform their jobs. The employer shall ensure that a preliminary assessment of work operations is performed to adequately evaluate the hazards and select suitable PPE for the employees. Any time PPE is worn, a job hazards analysis (JHA) should be completed prior to starting work.

b) Before any employee is assigned a new article of PPE to use during the course of their job, training should be conducted to instruct the employee on the use, care, inspection, and maintenance of the PPE.

# 13.) Section 406 Use and Care of Rubber Gloves

c) Rubber gloves are recommended to be worn 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 paragraph 507.1 for limits on voltages 5kV or more). The rubber gloves should be put on before the employee ascends a pole or structure or raises an aerial device off the ground or device's cradle. Furthermore, employees should not remove the gloves until they have descended the pole or structure or returned the aerial device to the ground or cradle. As a minimum requirement, gloves shall be put on before the employee comes within falling or reaching distance (based on the AC Live-Line Work Minimum Approach Distance as indicated in Table 5.2) of unprotected energized circuits or apparatus or those that may become energized, and they shall not be removed until the employee is entirely out of falling or reaching distance of such circuits or apparatus. Employees shall refer to Utility policy regarding additional rubber glove requirements. d) In addition, rubber gloves shall be worn during the following conditions:

(12) Pulling in wires or handling other conducting materials near circuits, apparatus, or equipment that is or may become energized.

# 14.) Section 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 parts than the minimum approach distances set forth in Tables 5.2 through 5.6 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. Refer to Paragraphs 507.2, 507.5, 507.8, and 509.5 for related information. Refer to OSHA Standard 29 CFR 1910.137.

### 15.) Section 507.8 Working on Transformers

a) The primary leads of a distribution transformer shall be considered energized at full voltage until both the primary and secondary leads have been disconnected or it has been definitely determined that the secondary circuit to which it is attached is grounded.

b) The cases of all transformers connected to a source of supply shall be considered as being energized at the full primary voltage unless they are adequately grounded.

#### 16.) Section 507.13 Grounding--General

a) All previously energized conductors shall be considered energized until tested and properly grounded.

f) Grounding - Equal potential grounding is required whenever possible. When equal potential grounding is not possible, dual point grounding (bracket grounding) is acceptable.

(1) Equal potential grounding is required when workers are working on or in close proximity to a structure, whether working from the structure (climbing) or from an aerial device.

#### 17.) Section 509.3 Work on Energized Cables

c) No employee may approach or take any conductive object without an insulating handle closer to exposed energized parts than the clearances set forth in Tables 5.2 through 5.6 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. Refer to Paragraphs 507.2, 507.5, 507.8, and 509.5 for related information. Refer to OSHA Standard 29 CFR 1910.137.

Attachments:

- A. Utility Seven-Day Report
- B. PSC Photographs
- C. Map of Incident Site
- D. National Electrical Safety Code Table 441-1 and Table 441-6

**REPORT SUBMITTED BY:** 

Jeffrey C. Moore Electric Utility Investigator Engineering Division Kentucky Public Service Commission

100 Signature:

REPORT REVIEWED<sup>7</sup>BY: Eric C. Bowman, P.E. Manager, Electric & Telecommunications Branch Kentucky Public Service Commission )

Signature:

Date: 12/3/2012

Date: 12/3/2012

# ATTACHMENT A



Allen Anderson, CEO

August 1, 2012

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

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

AUG 02 2012

PUBLIC SERVICE COMMISSION

SUBJECT: South Ky. Employee Ronnie Parrett

Dear Jeff,

Mr. Jeff Moore

There was an accident that occurred on 7/30/2012 at approximately 11:27 a.m. involving Ronnie Parrot who came into contact with a 7200 volt line. The pole Ronnie was working on was covered in vines, so it is unclear at this time whether he made contact with the line directly or the vines.

The address where the incident occurred is 2750 East Williamsburg Street, Whitley City, Ky. 42653.

Mike Higginbotham (Foreman), Brad Coffey (Lineman), and Ronnie Parrett (Lead Lineman), was present at time of accident.

Sincerely,

Michael Z Ramsey

SOUTH KENTUCKY RECC

INVESTIGATIVE REPORT South Kentucky RECC				
COOPERATIVE:	NAME: South KY RECC	TELEPHO	NE # (606) 678-4121	
DATE AND TIME OF INCIDENT:	ADDRESS: 925-929 N. Main St. Somerset KY 42503 P. O. Box 910 Somerset, KY 42502 (MM/DD/YY) COOPERATIVE (MM/DD/YY) NOTIFIED:			
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LOCATION:	2750 East Williamsburg St. Whitley City, KY 42653			
DESCIPTION OF INCIDENT:	Ronnie Parrett came into contact with a 7200 volt line. He was ascending the pole in an aerial device. He was preparing to pull up a secondary service on a dead end primary pole. As he was going up he was pulling vines off pole. Two crew members at scene did not witness the actual contact. At this time we are unclear how contact occurred.			
INJURED PARTY:	NAME: Ronald W. Parrett TELEPHONE:	AGE: 44 OCCUPATION: Lea	DOB:	
EXTENT OF INJURY:	ADDRESS: 3356 Hwy. 2003 Annville, KY 40402 Severe burn on left hand. Possible burn on right middle finger. Possible flash burns and wounds to face.			
TREATMENT:	Ronnie was transported from scene by ambulance to local fire department. He was then airlifted by helicopter to University of KY Hospital.			
COOPERTAIVE EMPLOYEES AT SCENCE:	At scene at time of accident, M Arrived after accident, Bruce I and Mike Ramsey.	like Higginbothan Parkey, Delynn W	n, Brad Coffey aters, Eddie Black,	
WITNESSES:	Mike Higginbotham - Brad Coffey -			

WEATHER AND TERRAIN CONDITIONS	Sunny and 85 degrees. In yard surrounded by overgrowth and brush.		
SYSTEM PROFILE	<ul> <li>(VOLTAGE TYPE AND SIZE CONDUCTOR, TYPE POLE STRUCTURES, POLE #)</li> <li>Voltage was 7200. Primary conductor was # 2 ACSR. Pole was</li> <li>40-5 VA-5. Pole # was 144512. Pole had 25 KVA transformer with</li> <li>Underground secondary service.</li> </ul>		
EQUIPMENT PROTECTIVE DEVICES	(TYPE, LOCATION, RATING, DID THEY OPERATE, POLE #.) 200 amp Load break cut-out. Had 30 amp fuse link. Fuse did not blow. Load break cut-out is located on pole # 144469		
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. Office and Team Leader was aware of location of employees.		
CONSTRUCTION	See work order # 1-109381 for current construction See work order #'s 1-45788 & 1-47195 for original construction in attachments.		
SYSTEM INSPECTION	1-27-2011		
ADDITIONAL COMMENTS:	Brad Coffey - Hire Date - Lineman - 3-19-2012 Mike Higginbotham - Hire Date - Lead Lineman - 9-30-2002 Promoted to Crew Leader on - 3-5-2004 Ronnie Parrett - Hire Date - Lead Lineman - 3-29-2004		

PREPARED BY: <u>Michal Lamer Coordinator</u> 8/2/2012 606-**B**75-7078 Signature Job Title Date Telephone #












































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Somers Laure	et Community I North Camp 100 Ur London, 600	College CPR Training Center us Attention: Linda Lawson niversity Drive Kentucky 40741 5-878-4727	#12								
Please print legibly and complete all sections.											
LEAD INSTRUCTOR'S NAME Richard H. Randall Instructor ID # BLS 122											
HOME ADDRESS 380 Family Civile	Drive a	ITY Some set	ST 144 ZIP 142501								
WORK ADDRESS P.C. BOX 910 (925-929	No. Main)c	ITY Somevset	ST Ky ZIP 41502								
PHONE: HOME #											
Instructor's Level of Certification (check all that apply): 🛛 First Aid Instructor 🖾 BLS Instructor 🗅 BLS Training Center Faculty 🗖 BLS Regional Faculty											
BLS Instructor Card Expiration Date <u>VA UY</u> , <u>201</u>	Name of 7	Craining Center you are registered in:	sm. CC -Lawel No.								
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ASSISTING INSTRUCTOR	Instructor ID #	ASSISTING INSTRUCTOR	Instructor ID #								
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Student to Manikin Ratio 31 \	Ma	nikins Decontaminated by <u>Richard</u>	Randoll								

I verify that the following persons have successfully completed the objectives and skills evaluations in accordance with the curriculum of the American Heart Association for this 3/24/4, SAM 3/24/11, Nour Someret Course Start Date/Time Location of Course

Richard Randall

Signature of Lead Instructor

(Revised 01/10)

COURSE TAUGHT (You Must Choose Course Taught and then Check Each Component Taught)

TheartSaver First Aid This course included: (Check all that apply)

Adult First Aid DEnvironmental Emergencies Adult/Child CPR Adult/Child AED Officiant CPR

Heartsaver Pediatric First Aid This course included: (Check all that apply)

Dediatric First Aid Asthma Care Training Optional Topics Adult/Child CPR Adult/Child AED Infant CPR

COURSE ROSTER - Please Print Legibly

<u>Name</u>	FULL ADDRESS	Home #	Work#	Occupation	New	Recert	<u>P=Pass</u> <u>F=Fail</u>
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Have you completed all the required information on this roster?

(Rosters will be returned to the lead instructor for clarification if incomplete.)

Rosters should be returned to the TC within 15 days of the class ending date.

Remember to order proper cards for the proper class taught.





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LOWER BOOM	50	2	1.018	Parcod	Accessible cylinder block weids	VTIMT	Anchor bolts Accessible turntable bolts	ULT 8-30					
BASKET TO		2	2110	1 304	Welds at elbow		Lower boom hinge pin	ULT					
CHASSIS	69		.342	Massed	Welds at basket area	VTIMT	Accessible cylinder pins	ULT					
EXTENSIBLE			-		Welds on head of boom		Upper boom hinge pin	ULT					
BASKET	35			Passed	- Boom support	VT	Basket shaft						
LINER				TESECE	Auger support brace		Auger hanger pins						
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The test results reported herein reflect the condition of the equipment at the time and under the conditions stated herein, and Torco MAKES NO WARRANTIES, and DISCLAIMS ALL WARRANTIES, whether EXPRESS or IMPLIED, as to any matter whatsoever, including without limitation, the condition of the equipment tested, its merchantability or its fitness for any particular purpose. Structural Analysis is limited to accessible welds and pins. This is a test, not a guarantee.

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Harness, Linda	Ruthan	Newton, Kevin	feeting putton
Harris, Steve	Liter Barris	Patterson, Ruby	Rughi Hatterser
Helton, Ish 🔨	John A.C. Hetter	Ridner, Donnie	Donnée Ridne
Higginbotham, Mike	Mike Highting 1	Ramsey, Mike	Michael Karnsup
Hughes, David	I AN Bank Halon	Shadoan, Toni	Ju Madray
Johnson, Missy	. All port of the second secon	Staton, Mitchell	Mitmell Staten
Miller, Robbie	Rahat L. Milla	Tucker, Paul	Hullen
Parrett, Ronnie	Komini, Pant	Ware, Dan	12 by Ware
Phelps, Robert	Chiled thefe	Whitaker, Jerry	Jeruch Intahen
Scruggs, Darrell	Danell Scrugger	Wilson, Paul	Paul Wilson
Singleton, Barney	10		
Slavey, Jon	Hon S lally.		
Tupman, Tony	1. Jing hymn		
Tyree, Tommy	Torray Jyree		
Waters, Delynn	Neventra Pattadid		



TOPIC AED info INSTRUCTOR EB MLR

TIME 10:00

DATE 7/25/12

PRINT NAME	TEAM	SIGNATURE
(FRay ERSman	monticello	Dig tran
Rickly BOWLING	MON.	Buch Bowly
David Prevery	Monticello	Dans Prepy
GARRYENEAL	MONTICELLO	Gary Enerth
mike Daniels	1)	mike Daniels
KENNY BURTON	LI	hent toutos
Bick W. Fletcher (Pinkie)	Albanh	2 - Juint
FRICK AMOX.	Alban	Elid Any
Mitchell & Statan	Albany	Michell States
Brian Young	Russell	15- m
Robert Phillips	Monticello	Kohert Khilli
Mitch Mobertson	Somesset	Matile Adet
David Huches	Monticylla	Tradtors
John Jones	Lussell	Holm Gove
Michae) Algainbotham	whitley city	New higher
Bradley Coffee Jr.	Whithy City	Bit Ularh.
SEFF MEER	Som Casef	A Maria
Joe Langdon	<u></u> <i>LT</i>	Bitterge

	SOUTH KENTUCKY RECC SAFETY & TRAINING MEETING		
TOPIC	INSTRUCTOR	TIME	DATE
Hazard Communication	2B MLR	10:00	5/14/12
PRINT NAME	TEAM		SIGNATURE
JEFF Crang	Staking ANJ	Dep Craig	
Alice CRAIG.	CAIL CENTER	Alivera	ia )
Kevin Newton	Engineering	Koum Y	Auton
Linda Harness	Cashick	Lin	
Fonnie Blevins	Engineering	Forme Bur	1K2
Christy Stevens	Accounting	Chusta Slove	w
David Trimble	Techinal Services Dispatel	er Daniel	Junible
Jamie Burton	Service Center	Jamie Bur	ton
DOUG Roberts	COLLECTIONS	the second	ht
Mel: 5A Butte	II	milt	Sitt
Gaybee Phillips	Monteello	Jankee the	llips,
Joane Bryant	whitley	Oranne D	mant
Frances Guffeer	Albanes	Frances	Buffert
Kathy Haynes Ellis	Russell Dist	Kathy	Maynes Elles
Tallas Hopkins	Tech Servicey	Dell- Hon	····.
Brin Young	Station	Bay	/
Missy Johnson	HR	Most	
David Wy thers	Member Services	Ľ CHE	
Bridley Coffey Jr.	whithy city	Burly Ciff Mr.	

	SOUTH KENTUCKY RECC SAFETY & TRAINING MEETING		
ТОРІС	INSTRUCTOR	TIME	DATE
Hazard Communication	EB MLR	10:00	5/14/12
PRINT NAME	TEAM		GNATURE
JEFF GIRDLER	Member Deriver	Arth Dan	fer
Bruce Parking	ENGINEERING	Fraz Park	ky n
Paul Tuckon	Albany	Free Vu	in the second
Adam Neal	Album	I den Al	
Robert Phyllips	Monticello	Robert Ship	
KEnny Burton	11	Lendents	
mike Daniels	) I	mike Daniel	2
GREG ERISMEN	l r	Deg lian	·
Jerry Dunggan	Monticello	Jun Du	~~~~~
MORRIS MURPHY	WAREHOUSE	Mouril Allaget	Ъ
Michael Higginbothan	, whitley city	Machilles	
Leon Wooldridae	AUSSPH	Zun M/ opte	lest,
Mikel Robertson	STALING	MITH Lobe	X
Joe Langdon	IT	beforged	m
Broom Koontz	Albany	Brow VS	\$m
Ronnie Parrett	Whitley City	Komi Po	
DAVID Pierey	montrello	Waid Free	up ,
GARRY E. NEAL	MONTICELLO	Lang El	lear
Ricky BOWLING	MONTICE/10	They have no	Bowly
Told Jones	russell co	Johnty	jelsy/
A ph Mariath	russell co	Deres main	
Traniel Conmer	Russell Court.	Dannel	Coomer

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## SOUTH KENTUCKY RECC SAFETY & TRAINING MEETING

TOPIC Accident Review and Tick Awareness	INSTRUCTOR EB MR	TIME 10:00	DATE 4/25/12	
PRINT NAME	TEAM		GNATURE	
Rick-1 BOWLive	MONT.	Thinky	Dowly	
mike Daniels ()	)]	mike Du	miels []	
GREG ERSMAN	(/ /)	Dry Cusin		
GANNY E. NEAL	MONTICELLO	Lang CI	Seal	
TEAR DE INFRAM	mosticelle	Dan Da	-39er	
John Jones	russell Service	JOHPHAA	Re	
Mille Lice hother	Whitey Cra	Mitwhatt	<u></u>	
Ball of To	unthe citie	proto cellit	1 .	
Relat Player	Mant's allo	Rotat Rh		
BAUG Dieven	Man Tic all D	David R.	-	
Ales /	Alle	Cd- Al	1	
MARTS MURPHY	MARE HOUSE	Mon Mind		
MULILA MURITI		FORT		

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TOPIC Storm Awareness and Emergency Response Plan		<b>TIME</b> 2:00 pm	DATE 3/21/12	
PRINT NAME	TEAM		GNATURE	
Missy Johnson	HR	Mohr		
DAVIN SDAYKS	Tech SUCS	MAR 2	2	
FLIDY Keith	Whitley Coshier	Sudy Le	dh	
Tonya Slade	Albany	toma Starl	<u>شر2</u>	
Gouley Phillips	Monticello	Martee Mil	lins	namadan <del>i</del>
JAN BAKELR	Acet.	Jan Buke	i	
JEDNY SUITION	SVC. Center	Genry Sut	ton	
Clenda Bell	Src Center	Blendarb	elf	
Melisa Butte	17	Mil: Bu		
Kathy Naynes- Ellis	Russell Dist	Kathy Way	pres Ellie	
Cathy Jones	Aervice Centers	(attus Joh	es	
Tammy Shipp	CARL center	Jaminy g-S	lhop	
I Ford Wanted midue	MUSSPIL	Leen Warby	estis	
Stephen Topuson	Mand Team	V. Strange /		
Rogniz Parcete	Whitley	Ronzazha	don	
PAUL TUCKER	KIBANU	HAR I	fla	
Bradley Catter Jr	whitley Cit.	Burch 16/1. B. All	//	
Michael Hisalabethan	Whitley Coty	AND Hatt		
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TOPIC	INSTRUCTOR	TIME	DATE
OSHA & ACCIDENTS		10:00	2/24/12

PRINT NAME	TEAM	SIGNATURE
David Trimble	Techinal Services Dispate	her Q. David Trimble
Ronnie Porrett	Whitley City	Romi ED
Mike Daniels	Montice/10	mike Daniels
ECICK Amore	Albans	Erice Flow
Ficke W. Fletcher	Albens	S-11 1.3 Telet
KENNY BURTON	MonticEllo	Les Barbo
Mitchell Staton	Albany	Mitchell Solo
Bruce Parke	Engineering	France Parkey
Brian Yound	11	Bri - mt
Mitch Kobertson	Staking	MATTI Robert
Robert Phillips	Monticello	Kobert Phillips
Michael V Stronk	w.c	Miles & Motul
Michael Hingisbothan	WC CONST.	Muis Hentethin
Joe Langdon	IT	betterdan,
GARRY E. NEAL	MONTICELLO	Sang Eines
Jerry DUNACAN	monticella	Jany Drogen
Denzil Maiornis	stakine	Aun Mis Jamio
Tracy HODDEr	RUSSell	Toras HYM

INSTRUCTOR

DATE

TIME

Accident ReviewRESAPAPPA	Eddie BlackRichard Randall <u>Mike Ramsev</u>	10:00 am	1/31/12
PRINT NAME	TEAM	SIG	IATURE
. Kni Winterland	Owner	CACINO LUIS	tevand
Robin Penderarass	Cashier	Ros Deiden	
Shelia Richardson	Russell District	Shelia Riche	idson
Alice CRAIG	C.A.II CENTER	Ales Craig	
JEFF Croig	STAKING AMI	Clepp Lilling	
Kothy Noynes-Ellis	Russell Dist	Rathy Name	o- delis
Relinda Brawn	Engineering	RelmainBrie	~~~
Christy Stevens	Accounting	Christ Steven	D
Kendra Baker	service center	Kendia Bake	<u>∽</u>
Teannie Wood	Accounting (	Jeannie lie	bogl
Sondra Stockton	service Center	1 Sondia	Alectron
Sharon & Keith	Serv. ce Center	Marn Breith	/
Fonnie Blevins	Engineering	Jonne Blee	MB
JANICE HUTCHISDAL	MONTICELLO	(Janee) Hut	chison
Tonya Slade	Albany	tonya Slado	<u></u>
Joanne Bryant	Whitley	Opparturf-Brias	F
Michael Higginbotham	Whitley	All Minthen	
Denzil McGennis	Staking	then MIS	himo
· ·	0	0	

TOPIC



TOPIC Accident Review--RESAP--APPA INSTRUCTOR Eddie Black--Richard Randall <u>Mike Ramsev</u> **TIME** 10:00 am DATE 1/31/12

PRINT NAME	TEAM	SIGNATURE	
Mike Daniels	Mon+ice/10	Miko Hamiels	_
Ronnie Parrett	Whitley City	Konnie Parots	_
Robert Phillips	monticello	Robert Phillis	
GRZA EASMAN	11 Monticelle	Dyturn	
Chuck BALL	M.S.	Alla Ball	_
KEnny Burton	Monticello	Latta	
Joe Langalon	IT	to tonget	_
Mitch Cosorton	Strking	Mithell Hobels	
Brian Taylor	Whitley City	Brien Saylor	
Allen Anderso	CEO	alle anderson	-
Charlie Ball	Dispatch	Kenth Mall	CA' KIA
Ricke W. Fletcher	Albent	Lib. an	[ pinkie
Cuch Am	14/bend	Erick Amox	
Mitchell Station	Alban	Mithell, States	_
Stanken Johnson	Ment Team	D Itick L	
SEFF UPPER		Alt /	
BRIAN YOUNG	Stating	So wy	
RICKY BOWLING	MONT	Puch Bowling	
		$\partial$	

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TOPIC	INSTRUCTOR	TIME	DATE
MSDS UpdateHazard Recognition	<b>Richard Randall</b>	2:00 pm	12/5/2011
	TEAM	, SIGNATURE	
Chuck BALL	M.S.	Churt	1Ball
Jamie Byrton	Call Center	Damis 18	inter
Gay Lee Phillips	Montreello	Ande	e Unillips
JANICE HUTCHISON	MONTICEUS	Jourd &	filebean
Teresa Bledsoe	Russell	Jusa B	ledsor -
JANICE BAKER	ACCT.	Jasie Bat	ken
Jograp, Brygat	whitler	Opame	byort
Tracy Hopper	Russell	Tran #	42MM
LEON WOOLDE: NAP	RUSSOIN	Lentho	Adricha
DOUG ROBERTS	Collector pall Service	Atad	Cobert
JEFF GIRDLER	Member Seuces	ATTACT	2
Auburn Cook	Member Service	Chiller to	R. Cook
SEFF GREER	FERANCE.	A	
Ronnie Parcett	Whitley Citx	Rionnipel Pe	mett'
Michael Higginbotham	whitley city	Min that the	·
Adam Non	Albans	Unn	
Christy Stevens	Accounting	Christ Steve	1 <u>~</u> 2
Missy Johnson	48	Moo	
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Lock-Out / Tag-Out Procedures & Sabotage Awareness Training PRINT NAME     Rick Overbee     9:30 a.m.     7/20/2011       Ronnie     Parriet     Whithey City     Dignature       Michael     Aliginbothan     Whithey City     Drivel and and       DAUID     Piercy     Montificetto     Millettan       DAUID     Piercy     Montificetto     Print       DAUID     Piercy     Montificetto     Print       DAUID     Piercy     Montificetto     Print       DAUID     Piercy     Montificetto     Print       Bussel     Contz     Alborn Const.     Dandard       Bussel     Contz     Alborn Const.     Dandard       Mike Daniez     Montificetto     Dandard       Mike Daniez     Montificetto     Dandard       Mike Daniets     Print     Cello       Mike Daniets     Montificetto     Dandard       Mike Daniets     State     Missell Contesto       Degail     Mice Contesto     Dandard       Mike Daniets     State     State       Mike Daniets     State     State       Mike Daniets     State     Dandard       Degail     Mice Contesto     Dandard       Mike Daniets     State     State       Mike Daniets	TOPIC	INSTRUCTOR	TIME	DATE
Sabotage Awareness Training PRINT NAME     TEAM     SIGNATURE       Ronnie Parrett     Whitley City     Prive Manuelle       Michael     Higginbothan     Whitley City     Prive Manuelle       DAVID     Piercy     Mont Reello con Maria Prive       DAVID     Piercy     Mont Reello con Maria Prive       DAVID     Piercy     Mont Reello con Maria Prive       Brown Lead     Albany Const.     David Prive       Brown Lead     Albany Const.     David Prive       GARRY E. NEAL     MONT REELLO     Starg English       Mile Rounsey     Dispatch     Main Ramay       mike Daniels     Mont icello     Main Ramay       Mike Daniels     Mont icello     Teal       Denzil     Medicanacy     Dispatch     Main Ramay       Mike Daniels     Mont icello     Teal     Dowley       Mike Daniels     Mont icello     Teal     Dowley       Mike Conserve     Starsell Co.     Demi Micella     Micella       Mike Conserve     Miller     Starsell Co.     Demi Micella       Mike Conserve     Miller     Miller     Miller       Mike Conserve     Miller     Miller     Miller       Mike Conserve     Miller     Miller     Miller       Mike Conserve     Miller	Lock-Out / Tag-Out Procedures &	<b>Rick Overbee</b>	<u>9:30 a.m.</u>	7/20/2011
PRINT NAME     TEAM     SIGNATURE       Ronnie     Parrett     Whithay City     Promy Manuta       Michael     Higginbothan     Whithay City     Promy Manuta       PAUID     Piercy     Mount rectlo can Waithan     Press       DA     Piercy     Mount rectlo can Waithan     Press       DA     Weathan     Albany Censt.     David Press       Burgen Leant 2     Albany Censt.     David Press       GARRY E. NEAL     MONTREELLO     Plang Elland       Mike Lassey     Dispatch     Mich Camery       mike Daniels     Montricello     Albany       Mike Daniels     Montricello     Plang       Mike Conserv     Dispatch     Mich Camery       Mike Daniels     Montricello     Plang       Mike Daniels     Montricello     Plang       Mike Daniels     Montricello     Plang       Mike Daniels     Montricello     Plang       Mike Company     Stating     Plang       Mike Company     Nontricello     Plang       Mike Company <td< td=""><td>Sabotage Awareness Training</td><td></td><td></td><td></td></td<>	Sabotage Awareness Training			
Ronnie Parrett Whitley City Ronner and Michael Higginbothan Whitley City Multiplier DAUID Diercy Mourt Icello con David Diency Ulm Deal Albany Const. Demoty Busin Konstz Albany Const. Demoty GARRY E. NEAL MONTACELLO Star Erleal GARRY E. NEAL MONTACELLO Star Erleal GRE ENSMA MONTACELLO Star Mile Romsey Dispatch Mich Ramey mike Daniels Monticello Demoty Micky Bowling Monticello Demoty Lean Wardeniege Russell Co Demoty Lean Wardeniege Russell Co Demoty Michael McErnung's Staling Bury Missing Mike Company I' Company Mike Conserved Wardeniege Russell Co Demoty Michael McErnung's Staling Bury Missing Mike Costruct white New City Company Mike Costruct White Structure Mike Costruct White Structure Mike Costruct White Structure Mike Costruct White Structure Mike Costruct Bow Conserved Con Demoty Mike Costruct White Structure Mike Costruct White Structure Mike Costruct Bow Conserved Con Demoty Mike Costruct White Structure Mike Costruct Bow Conserved Con Demoty Mike Costruct White Structure Mike Costruct Bow City Con Demoty Mike Costruct Con Crew Lund	PRINT NAME	TEAM	SIGNATURE	
Michael Higginbothan Whitello City Multillian DAVID Piercy MONTICELLO CON David Princy Un Neal Albany Construction Udoanted Burgen Koontz Albany Const. Durger Cityal GARRY E. NEAL MONTICELLO Star Cityal (Reg Elission Monticelle Alian Mike Daniels Monticello Mike Daniely Mike Daniels Monticello Tend Powley Lean Ulaydonidge Bussell Ca Dury Mighted Denzil Mc Cisman's Staking Augu Miz Samme Mike Cisman's Staking Augu Miz Samme Mike Cisman's Staking Augu Miz Samme Mike Cisman's Staking Augu Miz Samme Mike Cisman's Staking Augu Miz Samme Mike Cisman's Staking Augu Miz Samme Mike Cistraak Whitev City Mike Status Robert Plaithigs Monthello to Augus	Ronnie Parrett	Whitley City	K provid	Vant
DAVID Biercy Montricello con David Princy Ulm Neal Albam Construction Under Albam Const. Brown Leont 2 Albam Const. Demotor of Const. GARRY E. NEAL MONTACELLO Star Erland (Reg Elisman Montrelle Dispatch Mich Rammy Mike Daniels Montreello Mike Dowlog Mick Bowling Montreello Pred Bowley Leon Worldnidge Aussell Co. Demotor Mcdeladill Denzil McGingi's Staking Glingh Michanny Br of Blin Jour, II Mike Cistruck whiller city Mich Junion Mike Cistruck When City Michael Star Mike Cistruck While City Michael Star Robert Phillips Montrello Read Key Simsten EKPC Beredson Crew Michael	Michael Higginbothan	Whithey City	Min Ninethi	~
Un Deal Albany Const. Dearth Busin Keentz Albany Const. Dearth GARRY E. NEAL MONTACELLO Stary Erlad (ARE ERSMAN Montrelle Alian Mike Ramsey Dispatch Mich Ramsey mike Daniels Menticello Mike Deinich Mike Daniels Menticello The Bowley Lean Worldniche Aussell Co. Dear Bowley Lean Worldniche Aussell Co. Deart Mich Strump Br y Birn Jow; II Mike Strunk whiteverity Alight Strum Mike Strunk whiteverity Alight Strum Mike Strunk whiteverity Alight Strump	DAVID Prevey	MONTICELLO CON	Warid A	iest#
BUSON Koontz Albany Const. Demotion GARRY E. NEAL MONTACELLO Ray Erroad (Ara Elisman Monticelle Demotion Mike Rowsey Dispartch Mile Romany mike Daniels Monticello Mike Dowlid Dricky Boulling Aussell Co. Demotion Lead Worldnidge Aussell Co. Demotion Denzil Mc Commiss Staking Augul Missamme Br of Blim Your, II Mike Costruct Whitley City Missamme Robert Phillips Monticello Row Ling Notest Phillips Monticello	Ulm Neal	Albany Konstruction	Jon R	
GARRY E. NEAL MONTACELLO Par Ellea (ARG Elisman Montrelle A Juan Mike Romsey Dispatch Mich Romsey mike Daniels Monticello Mike Doinlib Mic. Ky Bowlinil Montreello The Bowley Lean Worldnidge Aussell Ca peur Us output Denzil McGismy is Staking Jump Michanning Br y Birn Jow; II M.Ke (Streak whiller city John Streak Robert Phillips Montfiello fee of Key Simpsion EKPC Baseston Crew La Augus	Bucch Kcontz	Albany Const.	Band	and a
(rka Elisman Monticelle A Jun Mike Ramsey Dispatch Mike Ramsey mike Daniels Monticello Mike Dowlod Micky Bowling Monticello Tech Bowley Lead Glowlowidge Aussell Ca. Den Glowley Denzil Mc Grange's Staking Gump Michannes Br g/ Bim Jom, II M.Ke C'Strunk whitley city Mich Stud Robert Phillips Monthello Ro f Ken Simpsun EKPC Barceston Crew La Sump	GARRY E. NEAL	MONTACELLO	San E	Maa
Mike Ramsey mike Daniels monticello Mike Daniels monticello Micky Bowlind monticello Leas Worldnidge Russell Ca Dem Worldhsliff Denzil McGimmi <sup>e</sup> s Staking Wingd Missinning Br of Blim Your, II Mike Strenk whitley city With Durch Robert Philligs Monthello for the Struct Key Simpson EKPC Bardston Crew Man Anger Her Simpson EKPC Bardston Crew Man Anger Denzil Medical Contraction Crew Man Anger Mike Structure Contraction Crew Man Anger Mike Structure Contraction Crew Man Anger Mike Simpson EKPC Bardston Crew Man Anger Mike Structure Contraction Crew Man Anger Mike Simpson EKPC Bardston Crew Man Anger Mike Simpson Structure Crew Man Anger Mike Simpson Structure Crew Man Anger Mike Simpson Structure Crew Man Anger Mike Simpson Structure Crew Man Anger Mike Simpson Structure Crew Man Anger Mike Simpson Structure Crew Man Anger Mike Simpson Structure Crew Man Anger Mike Simpson Structure Crew Man Anger Mike Simpson Structure Crew Man Anger Mike Simpson Structure Crew Man Anger Mike Simpson Structure Crew Man Anger Mike	(AREQ EASMAN	montikelle	AL Man	V
mike Daniels monticello Mike Domiolog Dricky Bowling montre-110 The Bowling Lean Worldnidge Russell Ca Bear Blogehuli Denzil McGimmis Staking Wingel Mis Annie Br M Blim Your; II Mike CStreak whitley city Mit Dur Robert Phillips Mouticello to the Key Simpson EKPC Barceston Crew La Ampone	Mike Ramsey	Dispatch	Mate Lamse	N
Ricky Bowling montre-110 Peck Bowling Lead Worldwidge Russell Ca Bend Woodchulif Denzil McGismuis Staking Augul Mit Shing Br y Bim Your, II Mike Strunk whitley city With Dub Robert Phillips Montflello Road Key Singson EKPC Baseston Crew Kin Augus	mike Daniels	Montice.110	Miko Dol	nich
Leas Wardenicke Russell Ca Bend Wardehali Denzil Mc Espinis Staking AuguME Shinning Br y/ Blim Your; I' M.Ke & Strunk whitley city Robert Phillips Mouthello Key Simpson EKPC Briceston Crew Ku Augum	Mrc. KY BOWLING	monter-110	Rech	Bowley
Denzil McGinnis Staking Junn Middung Br W Blim Your; II M.Ke UStrunk whitley city Robert Phillips Mouticello Ken Sinpson EKPC Briceston Crew Ku Supponent	Lean Gloridad	Bussell Co.	Deen Dol	coleheli!
Brigh Blinn Your; II M.Ke UStrunk whitley city Robert Phillips Montfiello Ken Simpsun EKPC Barceston Crew Ku huge	Denzil McGinnis	stating	Jun M	Eduniz
Mike Vistrunk whitley city With the Stude Robert Phillips Montfiello Rolling Ken Simpsun EKPC Barceston Crew Kin Angen	Br of Bin Your,	11	B- m	
Robert Phillips Monticello Rolling	Mike Vistrunk	whitley city	Pito to	Stut
Ken Simpsun EKPC Barceston Crew Kin Any	Robert Phillips	Moutrello	to f	
	Ken Simpson EKPC	Baraston Crew	La for	W
Church Souder EKTC Bardstaun Charlelance	Mul Souder EXPC	Bardstaun	Challes &	2.0

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Brad Coffey is a recently hired employee. He was hired on 3/9/12 and previously worked for Davis H. Elliot and received CPR and First Aid training through American Heart Association. His current AHA card is good through 12/2014.

#### SOUTH KENTUCKY RECC SAFETY & TRAINING MEETING DATE TOPIC INSTRUCTOR TIME 5/16/12 Pole Top Rescue MLR 8:00 AM PRINT NAME SIGNATURE TEAM miller stouk 12/ NUL SENV Coffe INC Lost 10 Br: 31. iggibothan 131 USHE F Manfilello Er AKIA (Spanky Srian Tailou w.C. Breezen Romin Konnie ParceTI W.C Cinit

#### **SAFETY & TRAINING** MEETING DATE TOPIC TIME INSTRUCTOR 5/16/12-**Bucket Rescue** MLR 13:00 SIGNATURE PRINT NAME TEAM Mike V Strunk Ĺ W.C Serve ھ Coffin Jr U.C. Brine B. Ш NOL WATERC F 42.C Higginbotham WC marticella ker MS Whilly ALC 2 Wit 75000 Tarlos Spran STAKING Ping EFF JOLO Bonni. Vanot Parcett Ronnie C 1.2

SOUTH KENTUCKY RECC

# ATTACHMENT B

INTERVIEW DATE: 7/3/2012 **WITNESS A INTERVIEW AND STATEMENT** (gurs) Crew Loader Forman, Name of Witness: \_\_ Markaul Hino Williamsburg KY 4076 3CLOOD Road Address: \_735 Cell Home Telephone Number: Where was the witness when incident occurred? \_\_\_\_\_\_ truch the pole they were working ling Full rea What was witness doing when incident occurred? <u>Loading a real of triplex able</u> book into the truck will Bradley Coffey beloing. Did witness see or hear incident occur? Mr. Higgin botham stated be did Not see the incident needs, but did hear the are, and looked up at Mr. Pariet. Putted Rd Signs unloaded Thr Setout NO GAJ JOB itness statement: Briefly discussed setting Pole with Backed Diagor and Pickup into ward and M. Pase Make up Then Pole. Make up Trans Former 1. Jour ld to work. Pulp BUCKET into Va. 3. Balfeed Mp and Les hot or Pot WA 5 Know f. Sa. told him to Junt NOOT he was hand live we doe. Proceeded chick. he 770 Load his Charp L'ARMONBIC WAS Loading TPX onto Konnie 4. Mp and "Vines. was elasing went up he gog blod COLDIP F aT 1 Lineman B.C. Was Roll of Tluck other Tying T) 71 0+ The inside Mulall of Tinck Bed. Alpither ANC Saw The (onTart) actually ThaT Caused LN happened hrard Looked ind and Saus Ronnie Slumped oveR. and (USE THE BACKSIDE OF THIS SHEET IF NEEDED) 5. Started arial Lescue Called 911

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WITNESS B INTERVIEW AND STATEMENT INTERVIEW DATE: 2/31/2012
Name of Witness: Bradly Coff-y Tr. 4 Month's (with Eillott 14yrs) Address: 10203 West Huby, 92 Stearns XV 4/2647 Telephone Number Cell
Where was the witness when incident occurred? I had just tied in a roll of the lay in the back of
the bucket and was walking out of the belly of the truck when I haved it.
What was witness doing when incident occurred? When whening to the back of the back of the back to
ged ready to will the triplex up.
Did witness see or hear incident occur? <u>At the point of the arcine</u> , <u>T did not see it</u> , <u>I ealy</u> heard .t.
itness statement: Monday was Ronaic's buildet day so I was unknown the miter pole at the initial set up on the transformer pole. I had just valled up to get each to pull service will up on the A.S. and tied recess wire up in the fully of the brocket. As I was walking with I brock the area When I walked on around the book of the truck, I looked up, thinking the wires on the pole had analy drewn as give Ronaic was slamped area edge of builet with his right had in a entrie ting motion. I endered he was not not to dood own controls to be a firm dar. Mike Higg-bothon the control of two, and went to radio for a may distors call. Upon gitting hashet down, Mike jumped in and pushed Ranaic
but to me. I colled Rennie on his back preparing for CPR and contract he began bentling again when
The back Mit The Jop of the bin and The wire I nonlared him then will kills arrived of had also called Machine to all while montaing him and being a voluntue firefighter for 20t years advised them to expect to due
Jan and the second second second second second second second second second second second second second second s

# (USE THE BACKSIDE OF THIS SHEET IF NEEDED)















# ATTACHMENT C

DeLorme Street Atlas USA® 2009



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# ATTACHMENT D

	Distance to employee			
Voltage in kilovelts phase to phase 2	Phase-to-ground		Phase-to-phase	
	(m)	(ft-in)	(m)	(ft-in)
0 to 0.050 <sup>1</sup>	not specified		not specified	
0.051 to 0.300 <sup>1</sup>	avoid contact		avoid contact	
0.301 to 0.750 <sup>1</sup>	0.31	1-0	0.31	1-0
0.751 to 15	0.65	2-2	0.67	2–3
15.1 to 36.0	0.77	2-7	0.86	2–10
36.1 to 46.0	0.84	2-9	0.96	3–2
46.1 to 72.5	1.00 <sup>3</sup>	3–33	1.20	3-11

### Table 441-1: AC Live Work Minimum Approach Distance<sup>4</sup> (See Rule 441 in its entirety.)

1 For single-phase systems, use the highest voltage available.

2 For single-phase lines off three phase systems, use the phase-to-phase voltage of the system.

3 The 46.1 to 72.5 kV phase-to-ground 3-3 distance contains a 1-3 electrical component and a 2-0 inadvertent movement component.

4 Distances listed are for standard atmospheric conditions. The data used to formulate this table was obtained from test data taken with standard atmospheric conditions. Standard atmospheric conditions are defined as temperatures above freezing, wind less than 15 mi per hr. or 24 km per hr., unsaturated air, normal barometer, uncontaminated air, and clean and dry insulators. If standard atmospheric conditions do not exist, extra care must be taken.

Class of Equipment	Maximum Use Voltage
00	500
0	1 000
1	7 500
2	17 000
3	26 500
4	36 000

### Table 441-6: Maximum Use Voltage for Rubber Insulating Equipment

<sup>1</sup>The maximum use voltage is the ac voltage (rms) rating of the protective equipment that designates the maximum nominal design voltage of the energized system that may be safely worked. The nominal design voltage is equal to the phase-to-phase voltage on multiphase circuits.

EXCEPTION 1: If there is no multiphase exposure in a system area (at the worksite) and the voltage exposure is limited to the phase (polarity on dc systems) to ground potential, the phase (polarity on dc systems) to ground potential shall be considered to be the nominal design voltage

EXCEPTION 2: If electric equipment and devices are insulated, isolated, or both, such that the multiphase exposure on a grounded wye circuit is removed and if supplemental insulation (e.g., insulated aerial device or structure-mounted insulating work platform) is used to insulate the employee from ground, then the nominal design voltage may be considered as the phase-to-ground voltage on that circuit.

APPENDIX B

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#### STATEMENT OF RONNIE PARRETT CONCERNING INCIDENT OF 7/30/12

I arrived at work on July 30, 2012 at approximately 7:00 a.m. at the South Kentucky RECC shop in Whitley City, Kentucky. My job for SKRECC is as a lineman. I have worked for SKRECC approximately nine years and as a lineman for various contractors for 18 years prior to that.

I had a pre-job tailgate meeting at the shop at Whitley City with my co-worker, Mike Higginbotham. We talked generally about the job while loading our trucks with necessary materials. I have no recollection of any of the specifics of the tailgate meeting with Mr. Higginbotham.

Besides me and Mr. Higginbotham, Brad Coffey, another SKRECC lineman, went to the job site at 2750 East Williamsburg Street, Whitley City.

When arriving at the job site, I backed the bucket truck up to the transformer pole, Mr. Higginbotham backed the digger truck to where we intended to set the meter pole and Mr. Coffey backed the pick-up truck next to where the meter pole was to be set.

We next pulled the tri-plex conductor from the transformer pole to the meter pole on the ground; we then placed all of the framing and attached the conductor to the meter pole; we dug the hole for the meter pole, plumbed it up and them Mr. Higginbotham and Mr. Coffey began to tamp the meter pole in to firm it up.

After the meter pole was properly set I went to the bucket truck to get all of the equipment together necessary to sag the tri-plex conductor up. I loaded all of my tools and equipment in the aerial bucket to perform my work on the transformer pole.

As I surveyed the work needed to be performed on the transformer pole it was obvious that the pole was covered with a large vine and I intended to clear the vine by pulling it by hand as I ascended the pole in the aerial bucket.

As I started to ascend the pole in the aerial bucket, I was wearing the following safety equipment: fire retardant clothing, hard hat, safety glasses, safety harness lanyard, and leather work gloves.

I began ascending the pole and immediately started to pull the vine away from the pole. I pulled the vine until I reached a distance of approximately ten feet below the transformer. At that point I do not remember anything concerning the contact. The next thing I remember is being loaded onto a med-vac helicopter for transfer to the University Of Kentucky Medical Center. I remained a patient at UK Hospital for approximately five days.

At the time I began ascending the transformer pole I assumed that the transformer was energized. In fact, I had an eight foot long "hot stick" in the bucket to de-energize the transformer when I reached it. Because I assumed that the transformer was energized I did not believe it was necessary to confirm whether or not it was.

I do not remember anything about the details or circumstances surrounding the contact causing my injury.

Because I was approximately ten feet below the transformer and was nowhere close to a wire conductor, it is my belief that the vine which I had in my hands at the time of the incident acted as the conductor causing the incident.

Ronnie Parrett

**Ronnie Parrett** 

4-11-13

Date

APPENDIX C

#### <u>AFFIDAVIT</u>

### South Kentucky RECC Accident Investigation of July 30, 2012 Incident in Whitley City, Kentucky

I, Jeffrey Moore, after first being duly sworn, state that:

- 1. I am employed by the Kentucky Public Service Commission as an electric utility investigator. As part of my responsibilities, I investigate utility related accidents required to be reported by jurisdictional electrical utilities.
- 2. On July 30, 2012, South Kentucky Rural Electric Cooperative Corporation ("SKRECC") notified the Commission of an incident which occurred at 2750 East Williamsburg Street, Whitley City, Kentucky, involving employees of SKRECC.
- 3. On July 31, 2012, I was dispatched to Whitley City to investigate the incident.
- 4. As part of my investigation, among other things, I took multiple photographs of the accident site and drafted an Incident Investigation Report.
- 5. The photographs of the accident site that I took were attached to the Incident Investigation Report.
- 6. I inadvertently forgot to turn off the date and time stamp on my camera, which was malfunctioning.
- 7. The photographs that I took and which were attached to pages 66 through 72 of the Incident Investigation Report contain inaccurate date and time stamps.
- 8. The photographs attached to pages 66 through 72 of the Incident Investigation Report were taken by me were taken contemporaneously with my investigation of July 31, 2012.

FURTHER, THE AFFIANT SAYETH NAUGHT.

MOORE

### COMMONWEALTH OF KENTUCKY )

### COUNTY OF FRANKLIN )

Subscribed and sworn to before me by Jeffery Moore on this 16th day of April, 2013.

Notary Public, Ky. State at Large

My Commission Expires November 12, 2016 Notary ID 476799 Allen Anderson President & CEO South Kentucky R.E.C.C. 925-929 N. Main Street P. O. Box 910 Somerset, KY 42502-0910