

PRD-410
4-83

CASE

NUMBER:

99-180

HISTORY INDEX FOR CASE: 1999-180
CLARK ENERGY COOPERATIVE, INC.
Investigation - Service
MILLER AND WILSON INJURIES

IN THE MATTER OF CLARK ENERGY COOPERATIVE, INC.
ALLEGED FAILURE PURSUANT TO 807 KAR 5:041,
SECTION 3, TO COMPLY WITH NATIONAL ELECTRIC
SAFETY CODE, 1990 EDITION, SECTION 42, RULE 420H,
RULES FOR EMPLOYEES, TOOLS AND PROTECTIVE
EQUIPMENT AND SECTION 44, RULE 441A.1. AND
RULE 443A.1., ADDITIONAL RULES FOR SUPPLY
EMPLOYEES

SEQ NBR	ENTRY DATE	REMARKS
0001	05/12/1999	Order scheduling show cause hearing on 8/4 at 9:00; resp. to allegations due 6/1
M0001	05/26/1999	ROBERT ROSE CLARK ENERGY-RESPONSE TO PSC ORDER & REQUEST FOR INFORMAL CONFERENCE
0002	06/17/1999	IC memo sent to parties; comments, if any, due 6/25/99.
0003	07/12/1999	Order entered canceling 8/4 informal conference; supplemental response due 7/15.
M0002	07/15/1999	CLARK ENERGY COOP ROBERT ROSE-SUPP WRITTEN RESPONSE TO PSC SERVICE ORDER
0004	09/15/1999	Proposed Settlement Agreement sent to parties.
0005	09/23/1999	Settlement Agreement between Clark Energy Cooperative and PSC Staff.
0006	10/13/1999	Final Order adopting and approving terms and conditions of Settlement Agreement.
M0003	10/19/1999	DAVID DUVALL/CLARK ENERGY COOP-CHECK FOR \$500 AS ORDERED
0007	11/04/1999	Receipt for payment of \$500 penalty sent to Clark Energy Cooperative.

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

CLARK ENERGY COOPERATIVE, INC.)
)
_____))
)
ALLEGED FAILURE PURSUANT TO)
807 KAR 5:041, SECTION 3, TO COMPLY)
WITH NATIONAL ELECTRIC SAFETY)
CODE, 1990 EDITION, SECTION 42)
RULE 420H, RULES FOR EMPLOYEES,)
TOOLS AND PROTECTIVE EQUIPMENT)
AND SECTION 44, RULE 441A.1. AND)
RULE 443.1., ADDITIONAL RULES FOR)
SUPPLY EMPLOYEES)

CASE NO. 99-180

RECEIPT OF PAYMENT

This is to acknowledge receipt of one check in the amount of \$500.00, payable to Treasurer, Commonwealth of Kentucky, from Clark Energy Cooperative. This represents full payment of the penalty assessed against them in the above-styled action.


Stephanie Bell

Stephanie Bell
Secretary of the Commission
Dated 11-4-99

hv

CLARK ENERGY

COOPERATIVE

A Touchstone Energy™ Partner 

RECEIVED

OCT 19 1999

GENERAL COUNSEL

October 18, 1999

Office of General Counsel
Public Service Commission
P.O. Box 615
Frankfort, KY 40602

RE: Case No. 99-180

To Whom It May Concern:

Enclosed you will find a cashier's check in the sum of Five Hundred Dollars (\$500) as ordered in the above reference case.

Sincerely,



David E. Duvall
Controller

Enclosure

cc: Overt L. Carroll
Honorable Robert L. Rose



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

CERTIFICATE OF SERVICE

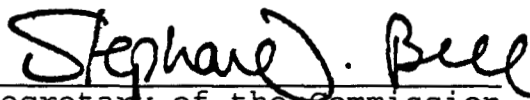
RE: Case No. 99-180
CLARK ENERGY COOPERATIVE, INC.

I, Stephanie Bell, Secretary of the Public Service Commission, hereby certify that the enclosed attested copy of the Commission's Order in the above case was served upon the following by U.S. Mail on October 13, 1999.

Parties of Record:

Overt L. Carroll
President/General Manager
Clark Energy Cooperative, Inc.
P. O. Box 748
2640 Ironworks Road
Winchester, KY. 40392 0748

Honorable Robert L. Rose
Grant, Rose & Pumphrey
51 South Main Street
Winchester, KY. 40391 2698


Secretary of the Commission

SB/hv
Enclosure

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

CLARK ENERGY COOPERATIVE, INC.)
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_____)

CASE NO. 99-180

ALLEGED FAILURE PURSUANT TO)
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WITH NATIONAL ELECTRIC SAFETY)
CODE, 1990 EDITION, SECTION 42)
RULE 420H, RULES FOR EMPLOYEES,)
TOOLS AND PROTECTIVE EQUIPMENT)
AND SECTION 44, RULE 441A.1. AND)
RULE 443A.1., ADDITIONAL RULES FOR)
SUPPLY EMPLOYEES)

O R D E R

On May 12, 1999, the Commission directed Clark Energy Cooperative, Inc. ("Clark Energy") to appear at a hearing and to show cause why it should not be penalized, pursuant to KRS 278.990(1), for its alleged violations of the National Electric Safety Code ("NESC") that the Commission enforces, pursuant to 807 KAR 5:041, Section 3. Clark Energy's employees violated NESC, Section 42, Rule 420H; NESC, Section 44, Rule 441A.1.; and NESC, Section 44, Rule 443A.1.

After the commencement of this proceeding, Clark Energy and Commission Staff entered into negotiations to resolve all outstanding issues. On September 23, 1999, they executed a Settlement Agreement, which is appended hereto. In reviewing the Settlement Agreement, the Commission has considered, *inter alia*, the circumstances and seriousness surrounding the incident that is the subject of this proceeding, and

Clark Energy's efforts to comply with the Commission's safety regulations. After reviewing the Settlement Agreement, and being otherwise sufficiently advised, the Commission finds that the Agreement is in accordance with the law, does not violate any regulatory principle, results in a reasonable resolution of this case, and is in the public interest.

IT IS THEREFORE ORDERED that:

1. The Settlement Agreement is incorporated into this Order as if fully set out herein.
2. The terms and conditions set forth in the Settlement Agreement are hereby adopted and approved.
3. Within 10 days of the date of this Order, Clark Energy shall pay to the Commonwealth of Kentucky the sum of Five Hundred Dollars (\$500). This payment shall be in the form of a cashier's check made payable to "Treasurer, Commonwealth of Kentucky" and shall be mailed or delivered to the Office of General Counsel, Public Service Commission, 730 Schenkel Lane, Post Office Box 615, Frankfort, Kentucky 40602.
4. This case is closed and shall be removed from the Commission's docket.

Done at Frankfort, Kentucky, this 13th day of October, 1999.

By the Commission

ATTEST:


Executive Director

APPENDIX

APPENDIX TO AN ORDER OF THE
KENTUCKY PUBLIC SERVICE COMMISSION

IN CASE NO. 99-180

DATED 10/13/99

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

SEP 20 1999

GENERAL COUNSEL

In the Matter of:

CLARK ENERGY COOPERATIVE, INC.)

_____)

CASE NO. 99-180

ALLEGED FAILURE PURSUANT TO)
807 KAR 5:041, SECTION 3, TO COMPLY)
WITH NATIONAL ELECTRIC SAFETY CODE,)
1990 EDITION, SECTION 42, RULE 420H,)
RULES FOR EMPLOYEES, TOOLS AND)
PROTECTIVE EQUIPMENT, AND)
SECTION 44, RULE 441A.1. AND)
RULE 443A.1., ADDITIONAL RULES FOR)
SUPPLY EMPLOYEES)

SETTLEMENT AGREEMENT

This settlement agreement, is made and entered into on this 23 day of September, 1999, between Clark Energy Cooperative, Inc. ("Clark Energy") and the Staff of the Public Service Commission ("Commission Staff").

WITNESSETH:

WHEREAS, Commission Staff issued a Utility Accident Investigation Report ("Investigation Report") dated March 10, 1999, detailing its investigation of an incident which occurred on February 10, 1999, involving Clark Energy's employees Gary Miller and Kevin Wilson. Gary Miller and Kevin Wilson were performing the job of grounding two primary surge arrestors on a 14.4 KV single-phase dead-end pole facility in the Mockingbird Hills Subdivision in Madison County, Kentucky. Mr. Miller was harnessed in standard climbing gear and had located his position above the primary neutral line

near the top of the pole, while Kevin Wilson was elevated in a bucket from a bucket truck and was located near Mr. Miller. Mr. Miller was attempting to relocate his position on the pole when he grasped with his left hand the grounded surge arrestor mounting bracket. With his right hand, he reached to grasp the primary suspension insulator assembly and, however, he overreached and grasped an energized conductor dead-end shoe. This resulted in shock which rendered Mr. Miller unconscious and also resulted in shock to Mr. Wilson. Both were treated for their injuries at Pattie A. Clay Hospital in Richmond, Kentucky before being transferred to the University of Kentucky Medical Center in Lexington. Neither was wearing protective equipment at the time of the accident, and the energized conductors in the working area were not covered or insulated at the time of the incident; and

WHEREAS, on May 12, 1999, the Public Service Commission ("Commission") entered a show cause Order in Case No. 99-180 against Clark Energy in which it found sufficient evidence to believe that Clark Energy failed to comply with Commission regulations; namely, Clark Energy's employees Gary Miller and Kevin Wilson were not wearing protective equipment, nor was the energized line insulated, which would have prevented shock to the employees. These failures to observe the National Electric Safety Code ("NESC") resulted in serious injury. Mr. Miller's and Mr. Wilson's conduct violated NESC, Section 42, Rule 420H; NESC, Section 44, Rule 441A.1.; and NESC, Section 44, Rule 433A.1. These NESC standards are applicable to Clark Energy pursuant to 807 KAR 5:041, Section 3; and

WHEREAS, the Commission ordered Clark Energy to show cause why it should not be subject to the penalties of KRS 278.990(1) for its alleged violation(s) and the

parties hereto desire to enter into this settlement agreement to resolve the issues raised by the Commission's show cause Order, and, in furtherance thereof, have entered into the stipulations herein included and set out below;

NOW, THEREFORE, the parties hereto mutually stipulate as follows:

1. Clark Energy is a Kentucky corporation doing business as an electric utility in the Commonwealth of Kentucky and is regulated by the Commission.

2. Clark Energy installs, operates, and maintains electric facilities throughout its service area within Kentucky.

3. Clark Energy has a duty to comply with the provisions of Chapter 278 of the Kentucky Revised Statutes and Commission regulations promulgated thereunder, including the application of the NESC.

4. Staff notes that Clark Energy has not had a shock injury since August 1980, and, because of this accident, it has taken a more aggressive stance in training and enforcement of its safety rules, details of all of which are contained in its supplemental response filed July 15, 1999.

5. Commission regulation 807 KAR 5:041, Section 3, requires each utility, other than a natural gas utility (which is provided for by separate regulation), to comply with the NESC, including proper management, wearing proper equipment, and insulation of energized lines.

6. On February 10, 1999, Gary Miller and Kevin Wilson were performing the job of grounding two primary surge arrestors on a 14.4 KV single-phase dead-end pole facility in Madison County, Kentucky. Both were working near the top of the pole. Mr. Miller used standard climbing gear, while Mr. Wilson was in a bucket from a bucket

truck, but they were located near one another. Mr. Miller attempted to change his location on the pole when he inadvertently touched the grounded surge arrester mounting bracket of the energized line. Both employees received electric shock. Mr. Miller's injuries were serious. Neither employee was wearing the proper protective equipment, nor was the energized line insulated, all as required by the NESC.

7. These stipulations are proposed by Commission Staff and Clark Energy for purposes of reaching a settlement in Case No. 99-180. In the event such a settlement is not reached, these proposed stipulations will be withdrawn. Clark Energy understands that this settlement agreement must be approved by the Commission in order for it to be completely binding.

8. Nothing contained herein shall be construed as an admission of a violation of any Commission regulation(s) by Clark Energy, nor shall the Commission's acceptance of this agreement be construed as a finding of a violation of a Commission regulation(s) by Clark Energy, and the facts contained herein shall not be cited as precedent in any other proceeding except to enforce this settlement agreement.

NOW, THEREFORE, Clark Energy and Commission Staff agree that:

1. Clark Energy shall receive a civil penalty of Five Hundred Dollars (\$500).
2. Within 10 days of the entry of an Order approving this settlement agreement, Clark Energy shall pay to the Commonwealth of Kentucky Five Hundred Dollars (\$500). This payment shall be in the form of a cashier's check made payable to "Treasurer, Commonwealth of Kentucky," and shall be mailed or delivered to the Office of General Counsel, Public Service Commission, 730 Schenkel Lane, Post Office Box 615, Frankfort, Kentucky 40602.

3. This agreement is subject to the acceptance of and approval by the Commission.

4. Nothing contained herein shall be construed as an admission of a violation(s) of any Commission regulation by Clark Energy, nor shall the Commission's acceptance of this agreement be construed as a finding of a violation(s) of a Commission regulation by Clark Energy. This settlement agreement and the stipulations contained herein may not be cited in any other matter or proceeding except they may be used in a proceeding between the Commission and Clark Energy to enforce this settlement agreement. This case shall be terminated upon entry of the Commission's Order accepting this settlement agreement in satisfaction of the show cause Order of May 12, 1999.

5. If the Commission fails to accept and approve this settlement agreement in its entirety, this proceeding shall go forward and each of the terms of the settlement agreement or any matters raised during settlement negotiations or contained herein shall not be binding on any of the signatories.

6. If the Commission accepts and adopts this settlement agreement in its entirety and enters an Order in this proceeding to that effect, Clark Energy shall not apply for rehearing in this matter nor bring an action for judicial review of that Order.

AGREED TO BY:

CLARK ENERGY COOPERATIVE, INC.

By 

Date 8-16-99

Title President & CEO

Robert L. Rose

ROBERT L. ROSE
Counsel for Clark Energy Cooperative, Inc.

Date Sept. 16, 1999

PUBLIC SERVICE COMMISSION OF KENTUCKY

C. Dale Wright

By C. Dale Wright, Staff Attorney

Date September 23, 1999



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KENTUCKY 40602
www.psc.state.ky.us
(502) 564-3940

Ms. Helen C. Helton
Executive Director
Public Service Commission
Post Office Box 615
Frankfort, Kentucky 40602

Re: Case No. 99-180

Dear Ms. Helton:

Attached please find a Settlement Agreement entered into between Clark Energy Cooperative and Staff for filing in the above-referenced case. The signatories to this Settlement Agreement request that the Commission review and approve it as quickly as possible.

Sincerely,

A handwritten signature in black ink, appearing to read "Dale Wright", with a long horizontal flourish extending to the right.

Dale Wright
Staff Attorney

Attachment

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

SEP 20 1999

GENERAL COUNSEL

In the Matter of:

CLARK ENERGY COOPERATIVE, INC.)

_____)

CASE NO. 99-180

ALLEGED FAILURE PURSUANT TO)
807 KAR 5:041, SECTION 3, TO COMPLY)
WITH NATIONAL ELECTRIC SAFETY CODE,)
1990 EDITION, SECTION 42, RULE 420H,)
RULES FOR EMPLOYEES, TOOLS AND)
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RULE 443A.1., ADDITIONAL RULES FOR)
SUPPLY EMPLOYEES)

SETTLEMENT AGREEMENT

This settlement agreement, is made and entered into on this 23 day of September, 1999, between Clark Energy Cooperative, Inc. ("Clark Energy") and the Staff of the Public Service Commission ("Commission Staff").

WITNESSETH:

WHEREAS, Commission Staff issued a Utility Accident Investigation Report ("Investigation Report") dated March 10, 1999, detailing its investigation of an incident which occurred on February 10, 1999, involving Clark Energy's employees Gary Miller and Kevin Wilson. Gary Miller and Kevin Wilson were performing the job of grounding two primary surge arrestors on a 14.4 KV single-phase dead-end pole facility in the Mockingbird Hills Subdivision in Madison County, Kentucky. Mr. Miller was harnessed in standard climbing gear and had located his position above the primary neutral line

near the top of the pole, while Kevin Wilson was elevated in a bucket from a bucket truck and was located near Mr. Miller. Mr. Miller was attempting to relocate his position on the pole when he grasped with his left hand the grounded surge arrestor mounting bracket. With his right hand, he reached to grasp the primary suspension insulator assembly and, however, he overreached and grasped an energized conductor dead-end shoe. This resulted in shock which rendered Mr. Miller unconscious and also resulted in shock to Mr. Wilson. Both were treated for their injuries at Pattie A. Clay Hospital in Richmond, Kentucky before being transferred to the University of Kentucky Medical Center in Lexington. Neither was wearing protective equipment at the time of the accident, and the energized conductors in the working area were not covered or insulated at the time of the incident; and

WHEREAS, on May 12, 1999, the Public Service Commission ("Commission") entered a show cause Order in Case No. 99-180 against Clark Energy in which it found sufficient evidence to believe that Clark Energy failed to comply with Commission regulations; namely, Clark Energy's employees Gary Miller and Kevin Wilson were not wearing protective equipment, nor was the energized line insulated, which would have prevented shock to the employees. These failures to observe the National Electric Safety Code ("NESC") resulted in serious injury. Mr. Miller's and Mr. Wilson's conduct violated NESC, Section 42, Rule 420H; NESC, Section 44, Rule 441A.1.; and NESC, Section 44, Rule 433A.1. These NESC standards are applicable to Clark Energy pursuant to 807 KAR 5:041, Section 3; and

WHEREAS, the Commission ordered Clark Energy to show cause why it should not be subject to the penalties of KRS 278.990(1) for its alleged violation(s) and the

parties hereto desire to enter into this settlement agreement to resolve the issues raised by the Commission's show cause Order, and, in furtherance thereof, have entered into the stipulations herein included and set out below;

NOW, THEREFORE, the parties hereto mutually stipulate as follows:

1. Clark Energy is a Kentucky corporation doing business as an electric utility in the Commonwealth of Kentucky and is regulated by the Commission.

2. Clark Energy installs, operates, and maintains electric facilities throughout its service area within Kentucky.

3. Clark Energy has a duty to comply with the provisions of Chapter 278 of the Kentucky Revised Statutes and Commission regulations promulgated thereunder, including the application of the NESC.

4. Staff notes that Clark Energy has not had a shock injury since August 1980, and, because of this accident, it has taken a more aggressive stance in training and enforcement of its safety rules, details of all of which are contained in its supplemental response filed July 15, 1999.

5. Commission regulation 807 KAR 5:041, Section 3, requires each utility, other than a natural gas utility (which is provided for by separate regulation), to comply with the NESC, including proper management, wearing proper equipment, and insulation of energized lines.

6. On February 10, 1999, Gary Miller and Kevin Wilson were performing the job of grounding two primary surge arrestors on a 14.4 KV single-phase dead-end pole facility in Madison County, Kentucky. Both were working near the top of the pole. Mr. Miller used standard climbing gear, while Mr. Wilson was in a bucket from a bucket

truck, but they were located near one another. Mr. Miller attempted to change his location on the pole when he inadvertently touched the grounded surge arrestor mounting bracket of the energized line. Both employees received electric shock. Mr. Miller's injuries were serious. Neither employee was wearing the proper protective equipment, nor was the energized line insulated, all as required by the NESC.

7. These stipulations are proposed by Commission Staff and Clark Energy for purposes of reaching a settlement in Case No. 99-180. In the event such a settlement is not reached, these proposed stipulations will be withdrawn. Clark Energy understands that this settlement agreement must be approved by the Commission in order for it to be completely binding.

8. Nothing contained herein shall be construed as an admission of a violation of any Commission regulation(s) by Clark Energy, nor shall the Commission's acceptance of this agreement be construed as a finding of a violation of a Commission regulation(s) by Clark Energy, and the facts contained herein shall not be cited as precedent in any other proceeding except to enforce this settlement agreement.

NOW, THEREFORE, Clark Energy and Commission Staff agree that:

1. Clark Energy shall receive a civil penalty of Five Hundred Dollars (\$500).
2. Within 10 days of the entry of an Order approving this settlement agreement, Clark Energy shall pay to the Commonwealth of Kentucky Five Hundred Dollars (\$500). This payment shall be in the form of a cashier's check made payable to "Treasurer, Commonwealth of Kentucky," and shall be mailed or delivered to the Office of General Counsel, Public Service Commission, 730 Schenkel Lane, Post Office Box 615, Frankfort, Kentucky 40602.

3. This agreement is subject to the acceptance of and approval by the Commission.


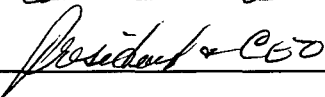
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5. If the Commission fails to accept and approve this settlement agreement in its entirety, this proceeding shall go forward and each of the terms of the settlement agreement or any matters raised during settlement negotiations or contained herein shall not be binding on any of the signatories.

6. If the Commission accepts and adopts this settlement agreement in its entirety and enters an Order in this proceeding to that effect, Clark Energy shall not apply for rehearing in this matter nor bring an action for judicial review of that Order.

AGREED TO BY:

CLARK ENERGY COOPERATIVE, INC.

By 
Title 

Date 8-16-99

Robert L. Rose
ROBERT L. ROSE
Counsel for Clark Energy Cooperative, Inc.

Date Sept. 16, 1999

PUBLIC SERVICE COMMISSION OF KENTUCKY

By C. Dale Wright
C. Dale Wright, Staff Attorney

Date September 23, 1999



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KENTUCKY 40602
www.psc.state.ky.us
(502) 564-3940

September 15, 1999

Mr. Robert L. Rose
Grant, Rose & Pumphrey
51 South Main Street
Winchester, KY 40391

Re: Public Service Commission v. Clark Energy Cooperative, Inc.
PSC Case No. 99-180

Dear Mr. Rose:


Please find enclosed an original and one copy of a proposed Settlement Agreement in the above-numbered case.

You will note that the Settlement Agreement assesses a \$500 penalty. That low amount was levied because of Clark Energy's excellent safety record.

After you have signed the Settlement Agreement, please have it executed by an authorized representative of Clark Energy and return it to me. I will place it on the proper Commission docket with the Commission Staff's recommendation for acceptance.

If you have any questions, please call me at 502/564-3940, Extension 235.

Sincerely,


C. Dale Wright
Staff Attorney

DW:v

Enclosures

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

CLARK ENERGY COOPERATIVE, INC.)

_____)

CASE NO. 99-180

ALLEGED FAILURE PURSUANT TO)
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near the top of the pole, while Kevin Wilson was elevated in a bucket from a bucket truck and was located near Mr. Miller. Mr. Miller was attempting to relocate his position on the pole when he grasped with his left hand the grounded surge arrestor mounting bracket. With his right hand, he reached to grasp the primary suspension insulator assembly and, however, he overreached and grasped an energized conductor dead-end shoe. This resulted in shock which rendered Mr. Miller unconscious and also resulted in shock to Mr. Wilson. Both were treated for their injuries at Pattie A. Clay Hospital in Richmond, Kentucky before being transferred to the University of Kentucky Medical Center in Lexington. Neither was wearing protective equipment at the time of the accident, and the energized conductors in the working area were not covered or insulated at the time of the incident; and

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WHEREAS, the Commission ordered Clark Energy to show cause why it should not be subject to the penalties of KRS 278.990(1) for its alleged violation(s) and the

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2. Clark Energy installs, operates, and maintains electric facilities throughout its service area within Kentucky.

3. Clark Energy has a duty to comply with the provisions of Chapter 278 of the Kentucky Revised Statutes and Commission regulations promulgated thereunder, including the application of the NESC.

4. Staff notes that Clark Energy has not had a shock injury since August 1980, and, because of this accident, it has taken a more aggressive stance in training and enforcement of its safety rules, details of all of which are contained in its supplemental response filed July 15, 1999.

5. Commission regulation 807 KAR 5:041, Section 3, requires each utility, other than a natural gas utility (which is provided for by separate regulation), to comply with the NESC, including proper management, wearing proper equipment, and insulation of energized lines.

6. On February 10, 1999, Gary Miller and Kevin Wilson were performing the job of grounding two primary surge arrestors on a 14.4 KV single-phase dead-end pole facility in Madison County, Kentucky. Both were working near the top of the pole. Mr. Miller used standard climbing gear, while Mr. Wilson was in a bucket from a bucket

truck, but they were located near one another. Mr. Miller attempted to change his location on the pole when he inadvertently touched the grounded surge arrestor mounting bracket of the energized line. Both employees received electric shock. Mr. Miller's injuries were serious. Neither employee was wearing the proper protective equipment, nor was the energized line insulated, all as required by the NESC.

7. These stipulations are proposed by Commission Staff and Clark Energy for purposes of reaching a settlement in Case No. 99-180. In the event such a settlement is not reached, these proposed stipulations will be withdrawn. Clark Energy understands that this settlement agreement must be approved by the Commission in order for it to be completely binding.

8. Nothing contained herein shall be construed as an admission of a violation of any Commission regulation(s) by Clark Energy, nor shall the Commission's acceptance of this agreement be construed as a finding of a violation of a Commission regulation(s) by Clark Energy, and the facts contained herein shall not be cited as precedent in any other proceeding except to enforce this settlement agreement.

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3. This agreement is subject to the acceptance of and approval by the Commission.

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6. If the Commission accepts and adopts this settlement agreement in its entirety and enters an Order in this proceeding to that effect, Clark Energy shall not apply for rehearing in this matter nor bring an action for judicial review of that Order.

AGREED TO BY:

CLARK ENERGY COOPERATIVE, INC.

By _____

Date _____

Title _____

ROBERT L. ROSE
Counsel for Clark Energy Cooperative, Inc.

Date _____

PUBLIC SERVICE COMMISSION OF KENTUCKY

By _____
C. Dale Wright, Staff Attorney

Date _____

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION
CASE NO. 99-180

IN THE MATTER OF:
CLARK ENERGY COOPERATIVE, INC.

SUPPLEMENTAL WRITTEN RESPONSE TO PUBLIC
SERVICE COMMISSION'S ORDER

RECEIVED
JUL 15 1999
PUBLIC SERVICE
COMMISSION

* * * * *

Comes Clark Energy Cooperative, Inc., ("Clark Energy"),
by and through counsel and for its supplemental written response to
the allegations contained in the Utility Accident and Investigation
Report herein states as follows:

1. That both Gary Miller, who was seriously injured and
Kevin Wilson, who received a minor injury, have had extensive
training in safety procedures as evidenced by Exhibit "A" and
Exhibit "B" attached hereto.

2. That while Gary Miller sustained serious injuries in
the accident which occurred on February 10, 1999, Clark Energy's
electrical burn history has been excellent, with the last
electrical burn having been received by an employee of Clark Energy
on August 19, 1980 as evidenced by the documentation set forth on
Exhibit "C" attached hereto.

3. That since the accident on February 10, 1999 Clark
Energy has intensified its efforts to prevent such an accident from
occurring in the future and in connection therewith has adopted
Operations Policy No. 305-2 which institutes a disciplinary
procedure for unsatisfactory conduct in the work place which
endangers the safety of anyone. A copy of Operations Policy No.
305-2 is attached hereto as Exhibit "D".

4. That at a meeting of the Board of Directors of Clark Energy held on June 29, 1999 the Directors went over in detail the circumstances surrounding the accident of February 10, 1999 and the procedures which have since been implemented to prevent the reoccurrence of such an accident, including the adoption of Operations Policy 305-2.

WHEREFORE, Clark Energy respectfully request the Public Service Commission to take into consideration the excellent safety record of Clark Energy prior to the accident on February 10, 1999 and to recognize the implementation of new procedures since that accident to ensure a safe work place.

RESPECTFULLY SUBMITTED,

GRANT, ROSE & PUMPHREY
51 South Main Street
Winchester, Kentucky 40391
Telephone: 606-744-6828

By: Robert L. Rose
Robert L. Rose

ATTORNEYS FOR CLARK ENERGY
COOPERATIVE, INC.

CERTIFICATE OF SERVICE

This is to certify that a true copy of the foregoing Supplemental Written Response to Public Service Commission's Order has been served by delivering a true copy of same to the following: Ms. Helen Helton, Executive Director, Public Service Commission, 730 Schenkel Lane, Frankfort, Kentucky 40601, this 15th day of July, 1999.

Robert L. Rose
Of Counsel for Clark Energy
Cooperative, Inc.

GARY MILLER

Date of Hire: 08/26/74

Position: Lineman Trainee

Promoted: 08/26/76 to Apprentice Lineman

Promoted: 09/26/77 to First Class Lineman

Promoted: 08/12/91 to Assistant Operations Foreman

Promoted: 08/13/92 to Operations Foreman

TRAINING SCHOOL CERTIFICATES

KAEC Safety and Training Programs

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URD - 09/19/90

Rubber Glove/Bucket Truck - 10/24/90

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**TOTAL EMPLOYEE HOURS WORKED FROM AUGUST 19, 1980 TO
FEBRUARY 10, 1999 = 2,449,544**

CLARK ENERGY COOPERATIVE, INC.
WINCHESTER, KENTUCKY

OPERATIONS POLICY #305.2

SUBJECT: PROGRESSIVE DISCIPLINE

I. OBJECTIVE

- A. To state Clark Energy's position on administering equitable and consistent discipline for unsatisfactory conduct in the workplace.

II. PROCEDURES

- A. It is the belief of Clark Energy that the best disciplinary measure is one that does not have to be enforced and comes from employee participation, good leadership and fair supervision at all levels of employment. It is also believed that the best interest of Clark Energy lies in ensuring fair treatment of all employees and in making certain that disciplinary actions are prompt, uniform, and impartial. The major purpose of any disciplinary action is to correct the problem, prevent recurrence, and prepare the employee for satisfactory service in the future.

- B. By using progressive discipline, Clark Energy believes that most employee problems can be corrected at an early stage benefiting both the employee and Clark Energy.

- C. Progressive discipline means that, with respect to most disciplinary problems, the following steps will normally be followed.

1. Documented Oral Warning
2. Written Warning
3. Layoff or suspension without compensation
4. Discharge

In Level One offense, the documented oral warning is omitted. Under certain circumstances, one or more of these steps may be bypassed.

- D. Categories of Offenses

Level One offense is considered the most serious type of offense included, but not limited to the following:

1. Willful violation of a safety rule or policy that places employees or the general public in eminent danger and/or results in an injury or fatality.
2. Being under the influence of intoxicating beverages or narcotics on cooperative property.

3. Stealing or attempting to steal property from any individual or the cooperative.
4. Bodily assault upon any person or fighting on cooperative property or work-site.
5. Immoral or indecent conduct on cooperative or work-site.
6. Flagrant insubordination to supervisor, refusal to perform supervisor's assignments, or threatening, intimidating, coercing, or interfering with any employee.

If more that 24 months have passed since the last disciplinary action, the process will normally start over.

Level Two: Level Two offense is considered serious and includes violation of the following safety rules described in Clark Energy's Operations Policy #303.1 and #303.1, Appendix A and in the APPA Safety manual.

APPA Safety Manual Rule:

602 a, d, f pages 89-90	803 a page 139	109 pages 25-26
604 a-e pages 95-98	611 b page 105	812 b page 145
605 i, n page 100	607 a, b page 103	810 a, b pages 143-144
618 d2, f page 115	811 page 144	310 k page 66

If more than 12 months have passed since the last disciplinary action, the process will normally start over.

Level Three: Level Three includes all cooperative rules and polices and APPA safety rules not described in Level One and Level Two.

If more than 6 months have passed since the last disciplinary action, the process will normally start over.

- E. Clark Energy Cooperative recognizes that there are certain types of employee problems that are serious enough to justify a suspension or, in extreme situations, termination of employment without going through the usual progressive disciplinary steps. Clark Energy Cooperative reserves the right to bypass the progressive disciplinary steps. Final termination shall be subject to the approval of the President and CEO.

Date Adopted: June 21, 1999

602 Flexible Protective Equipment (Rubber Synthetics, etc.)

- a) Employees shall not touch or work on any exposed energized lines or apparatus except when wearing protective equipment approved for the voltage to be contacted. Insulating sleeves shall be worn with insulating gloves. Insulating sleeves need not be worn under the following conditions:
- (1) If exposed energized parts not being worked on are insulated from the employee, and,
 - (2) The insulation is placed from a position not exposing the employee's upper arm to contact with other energized parts.
- d) In applying flexible protective equipment, an employee shall always protect the nearest and lowest wires first, protecting themselves as they progress. The protective equipment shall extend beyond the reach of the employee's anticipated work position or extended reach distance. In removing rubber glove protective equipment, the reverse order shall be maintained.
- e) Protective equipment shall be put on before entering the work area within which energized lines or apparatus may be reached and shall not be removed until the employee is completely out of reach of this area.

604 Use and Care of Rubber gloves

- a) The use of rubber gloves shall be in accordance with the following table:

Table 6.8
Maximum-Use Voltage for Rubber Gloves

Class of Glove	Voltage, V
0	1,000
1	7,500
2	17,000
3	26,500
4	36,000

- b) Voltage shall be considered to be phase-to-phase voltage unless all conductors except the one being worked are insulated (with protective devices) or isolated so that physical contact cannot be made with any energized part. In that case, phase-to-ground voltage will determine maximum -use voltage.
- 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. 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 (in any event not less than 5 feet) 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:

- (1) Working on or within falling or reaching distance of conductors, electrical equipment, or metal surface (crossarms, crossarm braces, or transformer cases), which are not effectively grounded and which may be or may become energized.
- (2) During wet or stormy weather, working on or within falling or reaching distance of any conductor or equipment that may be or may become energized at any voltage.
- (3) Required by supervision.
- (4) Removing lead sheath and sleeves from cables and joints and opening or cutting cables (until they have been proven to be de-energized at the work location by positive tests.
- (5) Making statoscope tests on cables.
- (6) Operating manually controlled air-break switches.
- (7) Opening and closing manually operated oil circuit breakers.
- (8) Using approved switch sticks or live-line tools for opening, closing, removing, or replacing hot clamps, fuses, or fuse doors on cutouts or when making or breaking any circuit.
- (9) Using approved switch sticks or live-line tools for making tests to determine if lines are de-energized and in applying and removing grounding devices
- (10) Working on or near series street-lighting circuits even though they are disconnected from the source of power
- (11) Repairing series fixtures or attachments, the circuit of which is exposed to energized conductors, except where the fixtures are disconnected from the line.
- (12) Pulling in wires or handling other conducting materials near circuits, apparatus, or equipment that is or may become energized.
- (13) Working on or near telephone or other circuits that are subject to induced voltages from energized high voltage circuits, unless such circuits to be sorked are adequately grounded.

Note: "Reaching distance" includes the employee's reach as extended by handling conductive material and/or work equipment.

- e) When working with rubber protective equipment on energized circuits or apparatus where the voltage between any two conductors is more than 7500 volts, the following minimum conditions shall be met in addition to all other rules governing the use of protective equipment:
- (1) Rubber gloves and rubber sleeves shall be used (see 602-a for exceptions to using rubber sleeves)
 - (2) Employee shall not make physical contact with prospective devices installed on energized primary conductors with other than rubber gloves or rubber sleeves.
 - (3) Employee shall be isolated from all grounds (wooden poles shall be considered as grounds in this case) by using approved supplementary insulation such as aerial baskets, a lineman's platform, or other approved insulated devices.
 - (4) When two or more employees are working on the same structure, they shall only work on or contact the same conductor at one time.

605 Working on Energized Lines with Live-Line Tools

- i) While live-line work is in progress, no other work of any nature shall be performed on the same pole or structure.
- n) The automatic reclosing feature of circuit interrupting devices shall be made inoperative before work begins.

618 Setting and Removing Poles

- d) While setting or removing poles between or near conductors energized above 600 volts observe the following:
- (2) Workers handling the butt of the pole shall wear rubber gloves whether or not cant hooks, peaveys, or slings are used.
- f) Employees shall not stand or pass under a suspended load or adjacent to or over or under a loaded winch line.

803 Work on Energized Cables

- a) No employee shall approach or take any conductive object without an insulated handle closer to exposed energized parts of lines or equipment than indicated in Tables 6.1 and 6.2 unless the employee is insulated from the energized parts, 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.

- b) Employees shall not work on equipment or lines in any position from which a shock or slip will tend to bring the employee's body toward exposed parts that are at a potential different from the employee's body.
- c) When work is performed in the vicinity of exposed energized parts of equipment or lines, employees shall remove all exposed conductive articles, such as key or watch chains, rings, or wristwatches or bands.
- d) All underground cables and apparatus carrying current at voltages greater than 600 volts shall be de-energized before work is done on the conductor or before the cables are cut into or spliced.
- e) Before any work is performed on an energized cable, other cables and all grounded equipment with which contact can be made while working on the energized cable shall be covered with rubber blankets or approved insulating shields. (Cables with nonmetallic sheaths and those with an insulating jacket over the metallic sheath need not be covered.)
- f) Because of the characteristics of a low-voltage network system, when work is performed on cables or apparatus carrying less than 600 volts, employees shall take extra precautions in the use of necessary rubber protective equipment, in observing adequate clearances, and in using proper tools in order to prevent short circuits.
- g) Employees shall wear rubber gloves with leather protectors and stand on rubber mats or insulated stools while cutting into and removing sheathing or sleeves and while testing an energized cable.

804 Work on De-energized Cables

- b) Before making an opening in or removing a part of the sheath or sleeve of a cable, the line shall be grounded at the first possible grounding point on each side of the work location.
- c) When a high tension cable is to be cut, a short section of the shielding, if any, completely around the cable shall be removed and tests made with two statiscopes or other approved testing devices to determine whether the cable is de-energized. If no indication of a live cable is obtained, the employee may proceed with the work.

611 Working on Capacitors

- b) Employees shall wear rubber gloves and use an approved hot stick while shorting and grounding terminals.

607 Working on De-energized Lines and Equipment

- a) General: All conductors and equipment shall be treated as energized until tested or otherwise determined to be de-energized and grounded.
- b) New Construction: New lines or equipment may be considered de-energized and worked as such under the following conditions:
 - (1) The lines or equipment are grounded, or
 - (2) The hazard of induced voltages is not present, and adequate clearances or other means are implemented to prevent contact with energized lines or equipment and the new lines or equipment.

811 Rubber Glove Use

- a) Rubber gloves shall be put on before any URD compartment or enclosure (including service pedestals) is opened and kept on until the compartment or enclosure is closed and locked or until all equipment is properly grounded, barricaded, and shielded.
- b) Rubber gloves shall be worn when removing animals, vines, weeds, grass, or vegetation of any kind that has grown into an energized URD installation whether the equipment is opened or closed.
- c) Rubber gloves shall be worn when energized primary cables are moved, handled, or protected.
- d) Rubber gloves shall be worn when work is performed on energized secondaries and services.
- e) Rubber gloves shall be worn when working on or contacting a neutral.
- f) Rubber sleeves should be used with rubber gloves when working on URD.
- g) Refer to paragraph 604 for additional rubber-glove requirements.

109 Hazardous Energy Control/Lockout-Tagout (Refer to Utility Dispatching Policies)

- a) Before starting work on any circuit, machine, belting, shafting, or other apparatus that is out of service, employees shall assure themselves that the apparatus is physically rendered inoperative and a standard Hold Card, tag, or lockout device is properly attached to the apparatus control.

- b) No switch, governor, valve, throttle, or other device used to put a circuit, or equipment into service shall be operated while a Hold Card or similar device is attached to it.
- c) A Hold Card, or similar device, that has been placed for the protection of workers shall be removed only by authorization of the person in whose name it was placed and then only after the work has been completed and workers and tools are in the clear. (Follow Utility operating instructions pertaining to the equipment involved.)
- d) Each employee in charge of work on any equipment shall have his Hold Card or similar device secured to the apparatus control.
- e) For additional information concerning Hold Cards and tag requirements, refer to OSHA standard 29 CFR 1910.269 and 29CFR 1910.147.

812 Work on Energized Equipment

- c) When energized pad-mounted transformers are unlocked and opened, they shall be directly attended by a worker. They shall be kept closed and locked at all other times.

810 Grounding

- a) All URD cables and equipment, including services, that have been energized or could become energized from any source shall be considered as energized until the equipment is positively proven to be de-energized and has been grounded.
- b) Before working on de-energized primary circuits or equipment (1) a visible open break shall be provided, (2) a voltage test shall be made, and (3) the equipment shall be grounded.

310 Cranes, Derricks, Hoisting Equipment

- k) When mobile hoists, cranes, or similar lifting devices are used near energized lines or equipment, the lifting device shall be
 - (1) Properly grounded, or
 - (2) Insulated, or
 - (3) Isolated, or
 - (4) Considered as energized



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

July 12, 1999

Overt L. Carroll
President/General Manager
Clark Energy Cooperative, Inc.
P. O. Box 748
2640 Ironworks Road
Winchester, KY. 40392 0748

Honorable Robert L. Rose
Grant, Rose & Pumphrey
51 S. Main Street
Winchester, KY. 40391 2698

RE: Case No. 99-180

We enclose one attested copy of the Commission's Order in
the above case.

Sincerely,
Stephanie Bell

Stephanie Bell
Secretary of the Commission

SB/rlm
Enclosure

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

CLARK ENERGY COOPERATIVE, INC.)
_____) CASE NO. 99-180
)
ALLEGED FAILURE PURSUANT TO 807 KAR 5:041,)
SECTION 3, TO COMPLY WITH NATIONAL ELECTRIC)
SAFETY CODE, 1990 EDITION, SECTION 42, RULE 420H,)
RULES FOR EMPLOYEES, TOOLS AND PROTECTIVE)
EQUIPMENT AND SECTION 44, RULE 441A.1. AND)
RULE 443A.1., ADDITIONAL RULES FOR SUPPLY)
EMPLOYEES)

O R D E R

Having been advised that Commission Staff and Clark Energy Cooperative, Inc. are currently in the midst of settlement negotiations in an attempt to resolve all of the issues in this case, the Commission HEREBY ORDERS that the hearing scheduled for August 4, 1999 is hereby cancelled, to be rescheduled at a later date if necessary. Clark Energy Cooperative, Inc. is to file a supplemental response on or near July 15, 1999.

Done at Frankfort, Kentucky, this 12th day of July, 1999.

By the Commission

ATTEST:


Executive Director



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www.psc.state.ky.us
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Ronald B. McCloud, Secretary
Public Protection and
Regulation Cabinet

Helen Helton
Executive Director
Public Service Commission

Paul E. Patton
Governor

June 17, 1999

Robert L. Rose, Esq.
Grant, Rose & Pumphrey
51 S. Main Street
Winchester, Kentucky 40391-2698

Re: Case No. 99-180

Dear Mr. Rose:

Attached is a copy of the memorandum which is being filed in the record of the above-referenced case. Please forward to your client. If you have any comments that you would like to make regarding the contents of the informal conference memorandum, please do so within five days of receipt of this letter. Should you have any questions regarding same, please contact Dale Wright at (502) 564-3940, Extension 235.

Sincerely,


A handwritten signature in cursive script that reads "Helen C. Helton".

Helen C. Helton
Executive Director

Attachment

INTRA-AGENCY MEMORANDUM

KENTUCKY PUBLIC SERVICE COMMISSION

TO: Main Case File 99-180
FROM: Dale Wright
Attorney 
DATE: June 17, 1999
RE: Informal Conference
Wilson and Miller Injuries
Clark Energy Cooperative (RECC)
Case No. 99-180

FILED

JUN 17 1999

PUBLIC SERVICE
COMMISSION

On June 15, 1999, at 10:00 a.m., an informal conference was held in the above-named case. Present at the meeting were Commission Staff, Dale Wright, Esq., Martha Morton and Mike Nantz, in addition to Robert L. Rose, Esq., Scott Sidwell, and Paul Embs, representatives of Clark Energy Cooperative (Clark Energy).

The facts of the case were discussed. There was clear acknowledgment that the facts of the Wilson and Miller accident resulting in electric shock injuries were not disputed by Clark Energy. The discussion centered around Clark Energy's safety record (no accidents since August 1980) and remedial steps taken by the utility to prevent future accidents. It was explained that a safety team was organized to meet regularly regarding safety policies and procedures; that unannounced inspections were being conducted to ensure that safety rules were being followed on job sites; that members of work crews were reorganized; and, that the Board of Directors were considering various disciplinary measures to apply as a result of an accident of electric shock. Commission Staff suggested that Clark Energy contact Salt River Electric Cooperative to learn the safety and discipline measures it took after an accident for electric shock.

Commission Staff suggested that Clark Energy document its remedial measures by way of filing a supplemental response in the case within 30 days of the date of the informal conference. Clark Energy agreed to do so.

Clark Energy submitted for inclusion in the record the training records of Gary Miller and Kevin Wilson, in addition, to certain information regarding their safety record. A copy is attached hereto and made a part hereof for the record.

Attachment

cc: Parties of Record

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President/General Manager
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Stephanie Bell
Secretary of the Commission

SB/hv
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SAFETY CODE, 1990 EDITION, SECTION 42, RULE 420H,)
RULES FOR EMPLOYEES, TOOLS AND PROTECTIVE)
EQUIPMENT AND SECTION 44, RULE 441A.1. AND)
RULE 443A.1., ADDITIONAL RULES FOR SUPPLY)
EMPLOYEES)

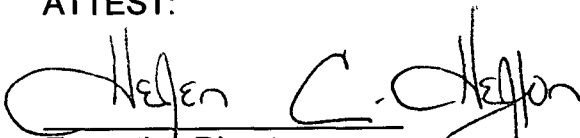
O R D E R

Clark Energy Cooperative, Inc. ("Clark Energy") having filed timely a response herein and having requested an informal conference to discuss matters which would expedite the handling or disposition of this proceeding, the Commission HEREBY ORDERS that an informal conference shall be held on June 15, 1999 at 10:00 a.m., Eastern Daylight Time, in Conference Room 2 of the Commission's offices at 730 Schenkel Lane, Frankfort, Kentucky.

Done at Frankfort, Kentucky, this 4th day of June, 1999.

By the Commission

ATTEST:


Executive Director

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION
CASE NO. 99-180

RECEIVED
MAY 26 1999
PUBLIC SERVICE
COMMISSION

IN THE MATTER OF:
CLARK ENERGY COOPERATIVE, INC.

WRITTEN RESPONSE TO PUBLIC SERVICE
COMMISSION'S ORDER AND REQUEST
FOR INFORMAL CONFERENCE

* * * * *

Comes Clark Energy Cooperative, Inc., ("Clark Energy"),
by and through counsel and for their written response to the
allegations contained in the Utility Accident and Investigation
Report, herein state as follows:

The facts of this incident as outlined in the Utility
Accident and Investigation Report are not at issue.

Clark Energy hereby requests that the Public Service
Commission set this matter for an informal conference at a time and
date to be determined at the convenience of the Commission.

Respectfully submitted,

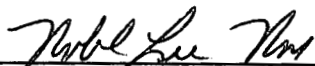
GRANT, ROSE & PUMPHREY
51 South Main Street
Winchester, Kentucky 40391
Telephone: (606) 744-6828

By: Robert L. Rose
Robert L. Rose

ATTORNEYS FOR CLARK ENERGY
COOPERATIVE, INC.

CERTIFICATE OF SERVICE

This is to certify that a true copy of the foregoing Written Response to Public Service Commission's Order and Request for Informal Hearing has been served by mailing a true copy of same to the following: Ms. Helen Helton, Executive Director, Public Service Commission, 730 Schenkel Lane, Frankfort, Kentucky 40601, this 25 day of May, 1999.



Of Counsel for Clark Energy
Cooperative, Inc.

HV 99180

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. Addressee's Address
2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Overt L Carroll

4a. Article Number
2 319 087 461

4b. Service Type

- Registered
- Express Mail
- Return Receipt for Merchandise
- Certified
- Insured
- COD

7. Date of Delivery
MAY 13 1999

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)
X [Signature]

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

PS Form 3811, December 1994 102595-98-B-0229 Domestic Return Receipt

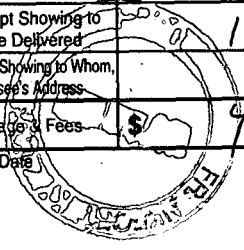
Z 319 087 461

US Postal Service
Receipt for Certified Mail
 No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to	<i>Overt Carroll</i>
Street & Number	<i>PO Box 748</i>
Post Office, State, & ZIP Code	<i>Winchester, Ky 40392</i>
Postage	\$ <i>1.43</i>
Certified Fee	<i>1.40</i>
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	<i>1.25</i>
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$ <i>4.08</i>
Postmark or Date	

HV 99-180

PS Form 3800, April 1995





COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

May 12, 1999

Overt L. Carroll
President/General Manager
Clark Energy Cooperative, Inc.
P. O. Box 748
2640 Ironworks Road
Winchester, KY. 40392 0748

RE: Case No. 99-180

We enclose one attested copy of the Commission's Order in
the above case.

Sincerely,

A handwritten signature in cursive script that reads "Stephanie Bell".

Stephanie Bell
Secretary of the Commission

SB/hv
Enclosure
Certified Mail

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

CLARK ENERGY COOPERATIVE, INC.)

) CASE NO. 99-180

_____)
ALLEGED FAILURE PURSUANT TO 807 KAR 5:041,)
SECTION 3, TO COMPLY WITH NATIONAL ELECTRIC)
SAFETY CODE, 1990 EDITION, SECTION 42, RULE 420H,)
RULES FOR EMPLOYEES, TOOLS AND PROTECTIVE)
EQUIPMENT AND SECTION 44, RULE 441A.1. AND)
RULE 443A.1., ADDITIONAL RULES FOR SUPPLY)
EMPLOYEES)

O R D E R

Clark Energy Cooperative, Inc. ("Clark Energy") is a Kentucky corporation engaged in the generation, transmission, and distribution of electricity to the public for compensation for lights, heat and power and other uses and is a utility subject to the Commission's jurisdiction. KRS 278.010(3)(a) and KRS 278.040.

KRS 278.280(2) directs the Commission to prescribe rules and regulations for the performance of services by utilities. Pursuant to this statutory directive, the Commission promulgated Administrative Regulation 807 KAR 5:041, Section 3, which requires electric utilities to maintain their plant and facilities in accordance with standards of the National Electric Safety Code, 1990 Edition ("NESC").

Commission Staff submitted to the Commission a Utility Accident Investigation Report, a copy of which is appended hereto, dated March 10, 1999 which alleges that:

1. Clark Energy employees were performing the job of grounding two primary surge arrestors on a 14.4 KV single-phase dead-end pole facility in the Mockingbird Hill Subdivision in Madison County, Kentucky.

2. Employee Gary Miller was harnessed in standard climbing gear and was located above the primary neutral line near the top of the pole. Employee Kevin Wilson was elevated in a bucket from a bucket truck and was located near Miller. Miller was attempting to change his position and location on the pole. He grasped with his left hand the grounded surge arrestor mounting bracket, and with his right hand he reached to grasp the primary suspension insulator assembly. However, he overreached and grasped an energized conductor dead-end shoe.

3. This resulted in a temporary ground fault through Miller's body, and the shock rendered him unconscious. Miller released his grasp and slumped in his climbing harness. Wilson had both hands on the surge arrestor ground, which caused him to be in parallel with the pole ground. He was also shocked and received injury. Wilson was able to get Miller into the bucket before they were lowered to the ground.

4. Two additional employees, Tommy Hill and Virgil Hill, were located on the ground near the bucket truck. They witnessed the accident.

5. Miller and Wilson were treated for their injuries at Pattie A. Clay Hospital in Richmond, Kentucky before being transferred to the University of Kentucky Medical Center in Lexington for further treatment.

6. Gary Miller and Kevin Wilson were not wearing protective equipment at the time of the incident. Energized conductors in the workplace area were not covered or insulated at the time of the incident.

7. NESC, Section 42, Rule 420H, provides, "employees shall use the personal equipment, protective devices, and the special tools provided for their work...." NESC, Section 44, Rule 441A.1., provides, in pertinent part, "employees shall not

approach, or take any conductive object. . . . unless at least one of the following is met: (1) the line or part is de-energized, or (2) the employee is insulated from the energized line or part or (3) the energized line or part is insulated from the employee, or (4) the employee is insulated from all conducting services other than the one upon which the employee is working." NESC, Section 44, Rule 443A.1., provides, "when working on energized lines and equipment, one of the following safeguards shall be applied: a. insulate employee from energized part." NESC standards are applicable to Clark Energy pursuant to 807 KAR 5:041, Section 3. Mr. Miller's and Mr. Wilson's conduct violated the above-named safety rules.

The Commission, based upon the facts contained in the Utility Accident Investigation Report, finds sufficient evidence to believe that Clark Energy has failed to comply with 807 KAR 5:041, Section 3; NESC, Section 42, Rule 420H; NESC, Section 44, Rule 441A.1., and Rule 443A.1.

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

1. Clark Energy shall submit to the Commission within 20 days of the date of this Order a written response to the allegations contained in the Utility Accident Investigation Report.

2. Clark Energy shall appear on August 4, 1999 at 9:00 a.m., Eastern Daylight Time, in Hearing Room 1 of the Commission's offices at 730 Schenkel Lane, Frankfort, Kentucky for the purpose of presenting evidence regarding the alleged violations named above, and of showing cause, if any, why it should not be subject to the penalties prescribed in KRS 278.990(1) for the alleged violations.

3. The Utility Accident Investigation Report dated March 10, 1999 is hereby made a part of the record herein.

4. Any request for informal conference with Commission Staff to consider any matter which would expedite the handling or disposition of this proceeding, shall be filed with the Commission no later than 20 days from the date of this Order.

Done at Frankfort, Kentucky, this 12th day of May, 1999.

By the Commission

ATTEST:


Executive Director

APPENDIX

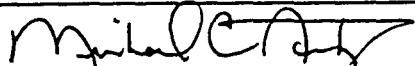
AN APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE
/ COMMISSION IN CASE NO. 99-180 DATED 5/12/99

March 10, 1999

UTILITY ACCIDENT
INVESTIGATION REPORT

Utility:	Clark Energy Cooperative
Reported By:	David Duvall
Dates & Times	
Accident Occurred:	02/10/99 - Approx. 10:00 a.m. EDST
Utility Notified:	02/10/99 - Approx. 10:00 AM EDST
PSC Notified:	02/10/99 - 11:00 AM EDST
Investigated:	02/10 & 02/11/99
Written Report Rcvd:	02/16/99
Location of Accident:	Mockingbird Hill Subdivision, Madison County, Kentucky
Description of Accident:	<p>Clark Energy Cooperative employees Gary Miller, foreman and Kevin Wilson, lineman were injured while grounding two primary surge arrestors on a 14.4 KV, single-phase tap dead-end pole structure. Gary Miller was harnessed in climbing gear above the primary neutral and Kevin Wilson was located alongside Miller in an elevated bucket. Two additional personnel, linemen Tommy Napier and Virgil Hill, were located on the ground and were involved in preparing a pole-type transformer for installation. In an attempt to relocate himself to a different quadrant of the pole, Napier and Hill reported that Miller placed his left hand on the grounded surge arrestor mounting bracket and reached to grasp the primary suspension insulator assembly. Miller's right hand extended past the assembly and contacted the energized conductor dead-end shoe of the assembly. This contact resulted in a temporary ground fault through Miller's body rendering him unconscious at which time he released his grasp and slumped in his climbing harness. Wilson received his injuries as a result of being located in parallel with the pole ground while having both hands on the surge arrestor ground located in his working quadrant of the pole. Wilson was able to assist Miller in getting off the pole onto the utility bucket and lowered him to the ground. Miller did regain consciousness and was treated by Napier and Hill until paramedics arrived. Both men received medical treatment at Pattie Clay Hospital in Richmond before being transferred to the University of Kentucky Medical Center in Lexington. Miller nor Wilson were wearing protective equipment at the time of the accident. Energized conductors in the workspace were not covered with protective equipment at the time of the accident. In addition, the utility bucket truck was not grounded at the time of the accident</p>

March 10, 1999

Victims:						
	Name:	Gary Miller	Fatal:	No	Age:	47
	Addr./Empl.	Clark Energy Cooperative				
	Injuries:	Severe burns to both hands and wrists				
	Name:	Kevin Wilson	Fatal:	No	Age:	41
	Addr./Empl.:	Clark Energy Cooperative				
Injuries:	Burns to tips of thumbs and two adjacent fingers on both hands.					
Witnesses:	Name		Address/Employment			
	Virgil Hill		Clark Energy Cooperative			
	Tommy Napier		Clark Energy Cooperative			
Sources of Information:	Name		Address/Employment			
	David Duvall		Clark Energy Cooperative			
	Jimmy Frasier		Clark Energy Cooperative			
	Tommy Napier		Clark Energy Cooperative			
	Virgil Hill		Clark Energy Cooperative			
Probable Violations:	KAR 5:041 Section 3(1), Incorporating and adopting by reference the NESC 1990 Edition, Section 42, Rules of Employees, Rule 420.H and Section 44, Additional Rules for Supply Employees, Rule 441.A.1. and Rule 443.A.1.					
Line Clearances At Point of Accident:		Measured	Minimum Allowed by NESC	Applicable NESC Edition¹ 1990	Volt.	Constr. Date
	Primary Phase:	33' - 4.5" at contact point	18' - 6"		14,400 V	02/99
	Neutral:	29' - 2.5" at contact point	15' - 6"			
Date of Measurement:	02/11/99					
Approximate Temp.:	50°					
Measurements Made By:	Mike C. Nantz, PSC; David Duvall and Jimmy Frasier of Clark Energy.					
Investigated By:	Mike C. Nantz					
Signed:						

- Attachments A. Clark Energy Cooperative's Accident Report
 B. Photographs of Accident Site

¹ Current edition adopted by the Commission. If clearances are not in compliance with the current edition, then the edition in effect when the facilities were last constructed or modified would apply.

Attachment A
Clark Energy Cooperative's Accident Report

Accident Investigation Report

**Electrical Contact
Gary Miller and Kevin Wilson
February 10, 1999**

RECEIVED

FEB 16 1999

EN'S ON DEUT. LTD.
ENGINEERING & SERVICES

Prepared by:

Clark Energy Cooperative

CLARK ENERGY
COOPERATIVE

January 15, 1999

Mike Nantz
Kentucky Public Service Commission
P.O. Box 615
730 Schenkel Lane
Frankfort, Kentucky 40602

Dear Mr. Nantz:

Enclosed is the accident investigation of an incident involving two Clark Energy Cooperative employees. The report consist of the following information:

- Investigation Report
- Description of the accident
- Area maps
- Accident location and site diagram
- Engineering staking sheets
- Photographs taken at the accident scene

I will forward any additional information to you, as it becomes available. If you have any question about any of the information contained in this report, please call Paul Embs or me at 1-800-992-3269.

Sincerely:

Scott Sidwell

Scott Sidwell
Operations Superintendent
Clark Energy Cooperative

FEDERATED RURAL ELECTRIC
INSURANCE CORPORATION
Overland Park, KS 66225
Toll-Free 800/356-8360

INVESTIGATION REPORT
PUBLIC ACCIDENT
ELECTRICAL CONTACT

- INSTRUCTIONS:
1. Forward original to Federated
 2. Attach diagram and photographs
 3. Use additional sheets of paper if necessary

COOPERATIVE: Name Clark Energy Cooperative Phone # 606-744-4251
Address P.O. Box 748, Winchester, KY 40392

DATE OF ACCIDENT: 02/10/99 10:00 AM Cooperative 10:00 AM (Approx)
(Approx.) PM Notified PM

LOCATION: Mockingbird Hill Subdivision, Madison County, Kentucky

DESCRIPTION OF ACCIDENT: Electrical contact accident involving two Clark Energy linemen.
The accident occurred while grounding two primary surge
arrestors on a 14.4 kV single-phase tap dead-end structure

CLAIMANTS:

Name	Address	Phone #	Occupation
1. Gary Miller	1018 Center, Beattyville, Ky	606-464-8498	Lead Operations Fo
2. Kevin Wilson	6535 Muddy Creek, Winchester, KY		First Class Linema
3.		Phone #606-744-8309	
4.			

EXTENT OF INJURY:

1. Severe burns to both hand and wrists - Gary Miller
2. Burns to tips of thumbs and two adjacent fingers on both hands- Kev
3. Wils.
- 4.

TREATMENT: Ambulance, Doctor, Hospital, Etc.
Transported by Madison County Ambulance Service
Treated at Pattie A. Clay Hospital, Richmond, KY.
Transferred to University of Kentucky Medical Center - Lexington

COOPERATIVE EMPLOYEES AT SCENE:

Name	Job Title
<u>Tommy Napier</u>	<u>Lineman</u>
<u>Virgil Hill</u>	<u>Lineman</u>

WITNESSES:

Name	Address	Phone #
<u>Steve Beagle</u>		<u>606-626-0014</u>

(cont'd)

LAW OR OTHER OFFICIALS INVESTIGATING:

Kentucky Public Service Commission, Mike Nantz

WEATHER AND TERRAIN CONDITIONS:

Clear, 50°, rolling terrain

SYSTEM PROFILE:

Voltage--type and size conductor--type pole structures--etc.

14.4 kV 2 ACSR 40' Pole VA-5

PROTECTIVE DEVICES:

Type	Location	Rating	Operable?
V4E OCR	Map. #11-53-02	70 AMP	Yes

DID OUTAGE OCCUR?

Yes	Date	Time	AM	Duration
<u>No</u>	Date	Time	PM	Duration

WAS COOPERATIVE NOTIFIED OR AWARE OF WORK IN THE AREA? EXPLAIN:

CLEARANCES:

Prepare and attach a diagram. It need not be to scale but the measurements must be accurate. If clearances are reduced because of the accident, measurement and photographs are needed before returning to original condition. Document what caused the reduced clearance, such as broken pole or guy wire, construction equipment, etc. Reference distances to point of impact.

CODE REQUIREMENTS FOR LINE IN QUESTION:

AGENCY INVOLVED:

Antenna, auger, crane, construction equipment, etc. Give measurements, make, model or serial number. Describe any warning signs.

N/A

ADDITIONAL COMMENTS:

Attached location maps, photographs

PREPARED BY:

Paul Holt
Signature

Loss Control Manager
Job Title

02/12/99
Date

606-744-4251
Phone #

Accident Description

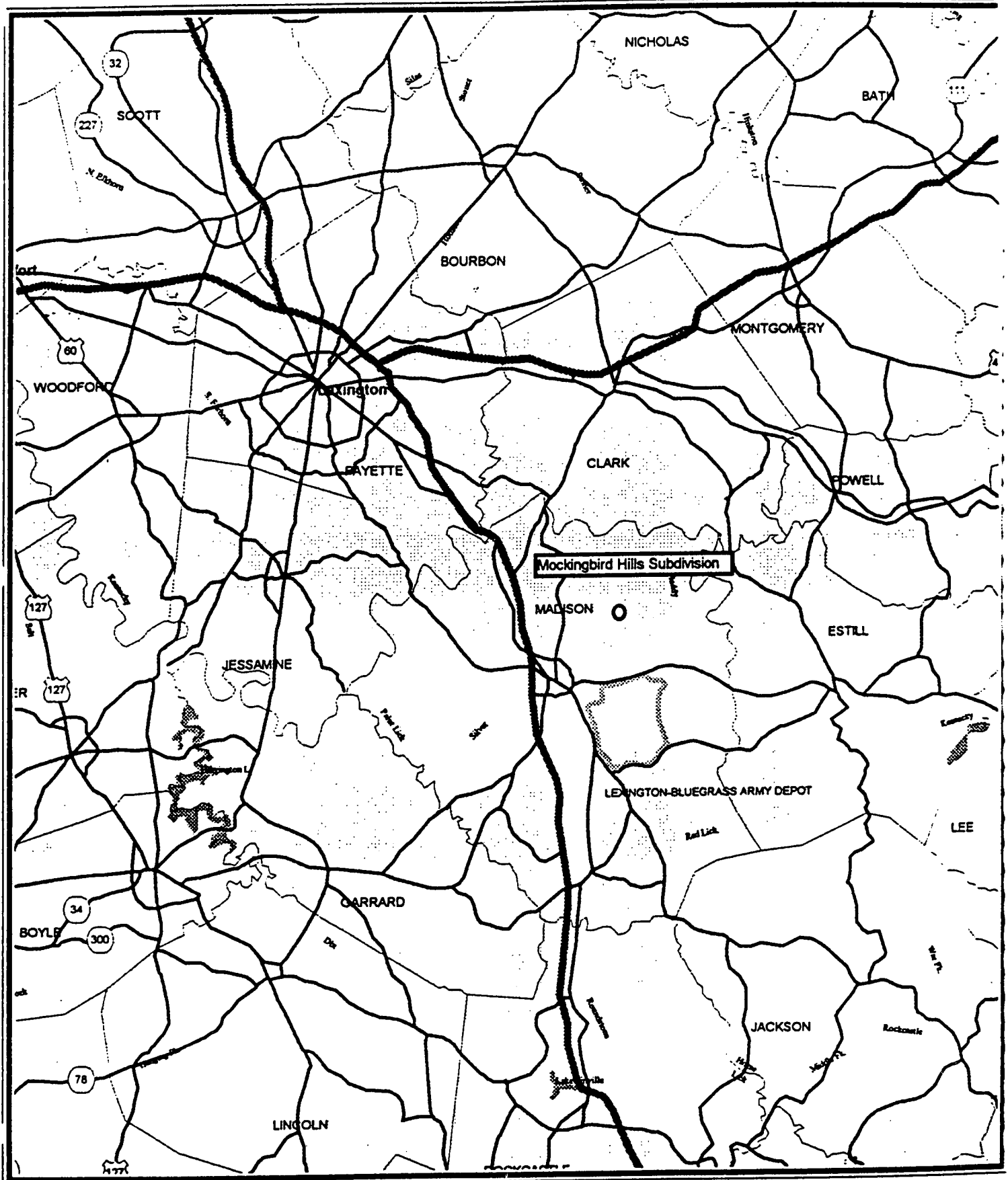
An electrical contact accident involving two members of a Clark Energy construction line crew occurred in Madison County at approximately 10:00 AM, February 10, 1999. Personnel injured included Gary Miller (foreman) and Kevin Wilson (lineman). Other personnel present at the time of the electrical contact included linemen Tommy Napier and Virgil Hill.

The accident occurred while grounding two primary surge arrestors on a 14.4 kV single-phase tap dead-end structure at Mockingbird Hills Subdivision. Miller was harnessed in standard climbing gear above the primary neutral with Wilson accompanying him in an elevated utility bucket. Both Napier and Hill were located on the ground when the electrical contact occurred. The attached drawing illustrates the location of personnel, equipment, and utility facilities at the accident scene.

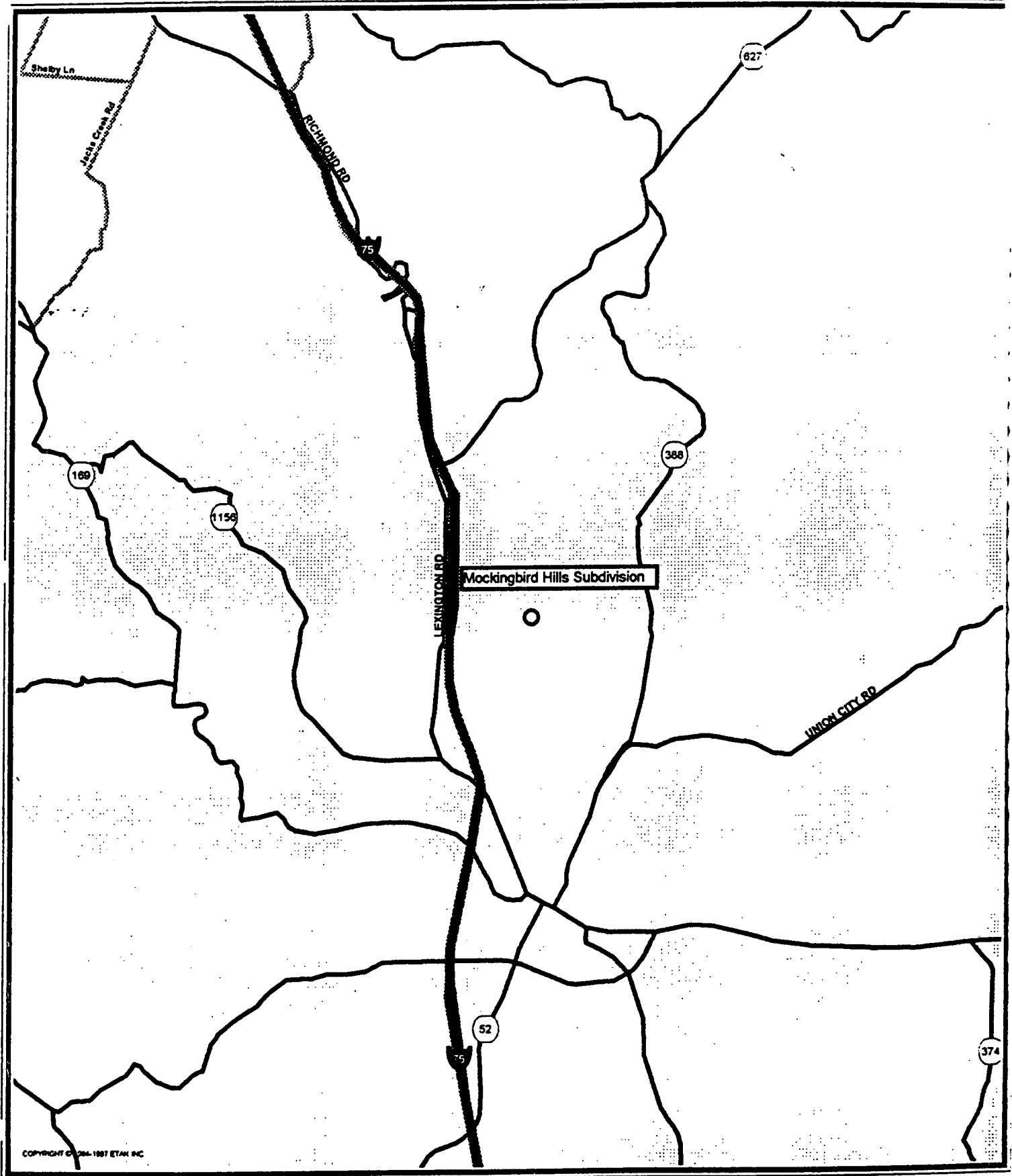
Miller completed installation of a fuse cutout required for a distribution transformer just prior to the electrical contact. Miller and Wilson were completing surge arrestor grounding while Hill and Napier were preparing the distribution transformer on the ground for subsequent installation. The attached drawing illustrates pole quadrants occupied by Miller and Wilson at the time of the electrical contact. Napier and Hill report that Miller, while harnessed above the primary neutral, attempted to relocate to the pole quadrant occupied by Wilson in the elevated utility bucket. Miller reportedly grasped with his left hand the grounded surge arrestor mounting bracket located in his quadrant while grasping with his right hand the primary suspension insulator assembly to support his movement. Miller's right hand, however, grasped an energized conductor dead-end shoe in lieu of the insulated portion of the assembly.

Contact with the energized conductor dead-end shoe created a temporary ground fault through Miller's body. Miller's electrical contact injury rendered him temporarily unconscious as he released his grasp to interrupt the ground fault path and slumped within his harness climbing gear. Wilson's injury simultaneously occurred while completing with both hands a surge arrestor ground in his quadrant since he was in parallel with the pole ground when the fault occurred. Although initially stunned by the electric contact, Wilson retrieved Miller off the pole with the utility bucket and lowered him to the ground as Miller regained consciousness. Hill requested emergency help by radio and paramedics arrived within 15-20 minutes of the accident. Miller and Wilson received treatment at Richmond's Pattie Clay hospital before being transported to the UK Medical Center.

Current Map



Current Map



Current Map

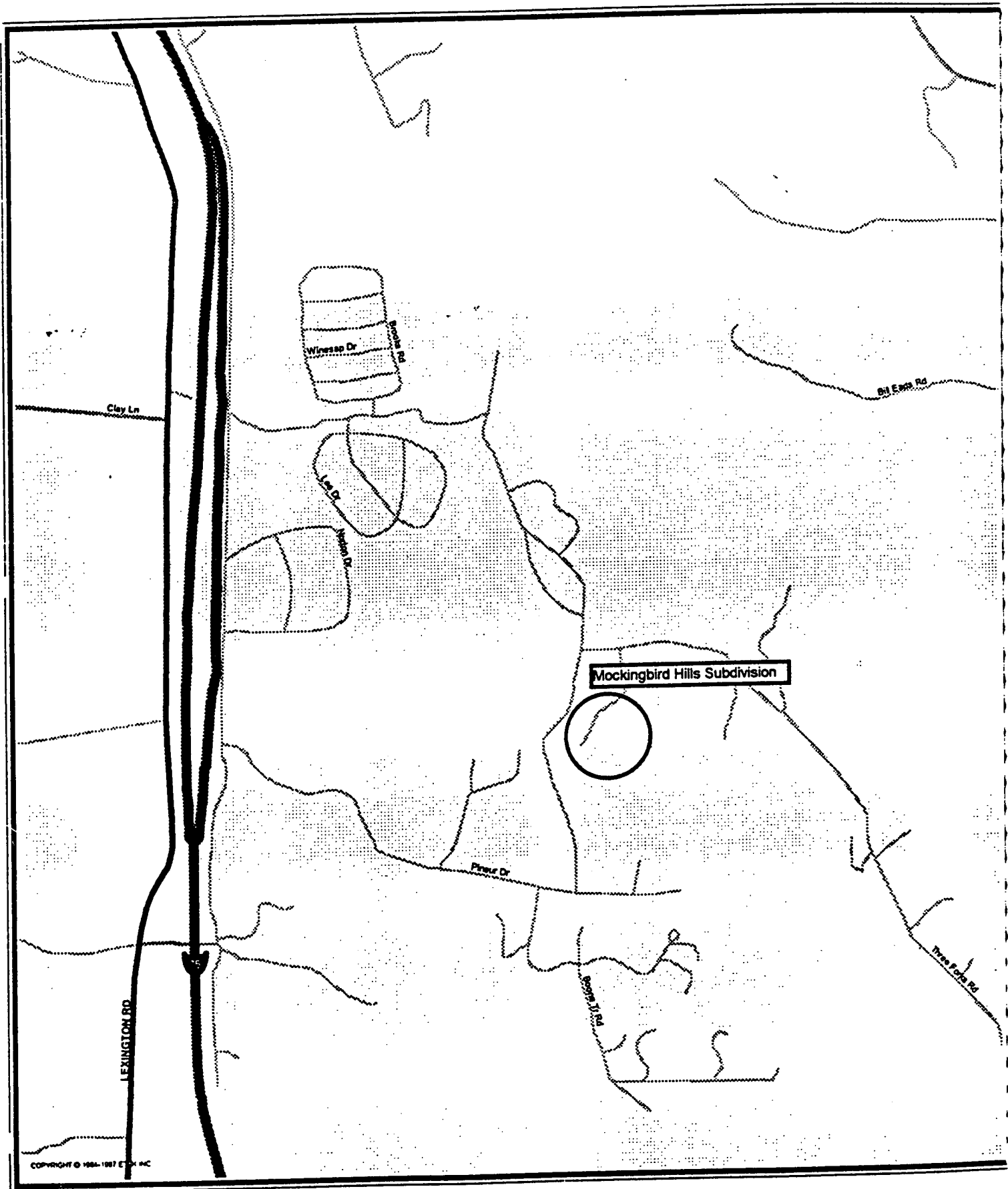
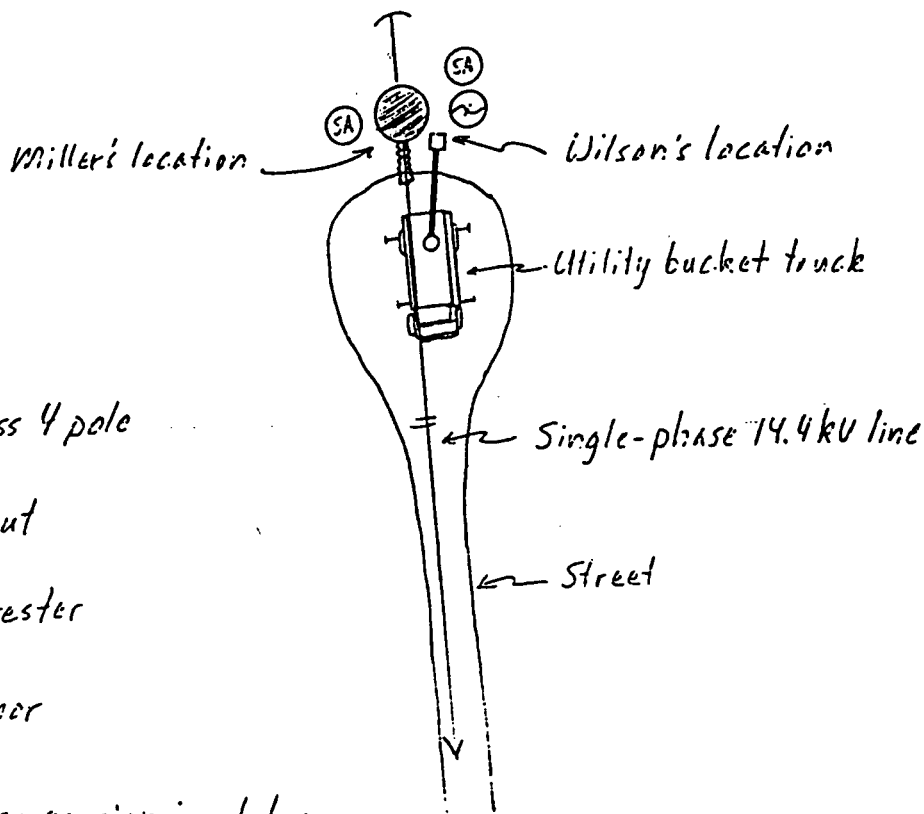









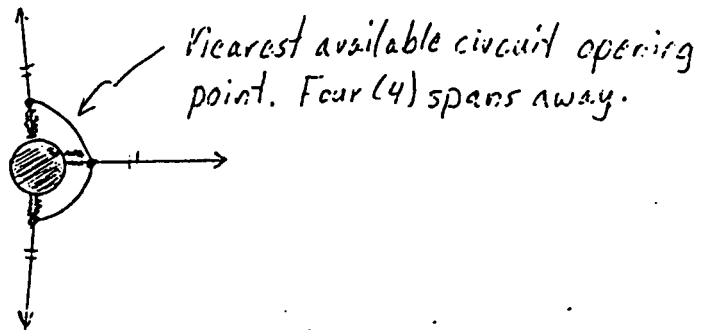
Illustration of Accident Scene


February 10, 1999



Legend

-  - 40 foot, class 4 pole
-  - Fuse cutout
-  - Surge Arrester
-  - Guy-anchor
-  - Dead-end suspension insulator
-  - Primary conductor jumpers w/ hot-line clamps & stirrups
-  - Single-phase circuit recloser



 - Nearby 70 Amp V4E recloser. Std. operating mode. Map Number 11-53-02

Neighbors
 11-53-114

STAKING SHEET

Ky. 49, Clark
 CODE 100.1
 System Designation
 Location HADISON COUNTY
 Road BEFORE TRAIL AND
 Township R Sec. 116
 Map Reference 1752-4
 Kind A.S.G.
 Ruling Span
 Under-
 build
 No.
 J
 Unit
 Span
 No.
 K
 Unit
 Sec. of
 Ser.
 Wire
 Size

Work Order No. 219CR
 Sheet No. 1 of 5
 Line
 ENGINEER
 Staked ACS+JP
 Checked 1-6-99
 Released for Const.

Pole No.	Pole (Back) Span	Poles H & C	Pri. Unit	R-W Clearing	Line Angle	Trans. "G"	Gr. "M2"	GUY Unit "G"	Anchor "F"	SECONDARY		SERVICE		MISC. & REMARKS
										Span	Sec. # Only	Unit	Span	
EXISTING POLE 1	40	6	V A6	V A6	1-2	1-2	1	1-2	1-2					
"														
NEW POLE 1	42	5	V A4				11	1-2	1-2					MUCKING ROAD
EXISTING POLE 2	35	5	V A1-1				2							HILLS
NEW POLE 2	40	5	V A2		8'		11	1-2	1-2					PHASE THREE
NEW POLE 3	40	5	V A1				11							
NEW POLE 4	40	5	V A3		36'		11	1-2	1-2					
NEW POLE 5	30	7								63'	1	6c		

SKETCH OF WORK

14.4

MAKE SURE CONDUCTOR IS NOT RAISED ABOVE CURRENT HEIGHT (20' NEARBY)

ALL NEW CONDUCTOR IS 3 X 3 ACSR - EXISTING AS NOTED

No. of Members
 Primary Line FL
 Sec. Only #FL
 Service Drop FL

Number poles on sketch at top, corners, transformers and deadends, indicates referred units with \otimes . Reset meters and transformers with \square .

STAKIN - SHEET

Ky. 49, Clark

Work Order No. 7-119CC
Sheet No. 2 of 5

Neighbors

Location _____
Twp _____ R _____ Sec _____

Road _____

Line _____
ENGINEER _____
Staked _____
Checked _____
Released for Const _____

Pole No.	Pri. (Back) Span	Poles H & C		Pri. Unit	R-W Clearing	Line Angle	Trans. "G"	Gr. "M2"	GUY		Anchor "F"	SECONDARY		SERVICE		METER		MISC. & REMARKS	
		#	#						Unit "E"	Lead		Span	Sec. # Only	Unit	Span	Unit	Loop		Site Meter
		M #	V #						No.	"E"		Under-build	No.	J	No.	K			
EXISTING POLE 3	453'	4	5	V A11				2											
NEW POLE 5	300'	4	5	V A2		7°		11	1	1-2	1-2								
NEW POLE 6	220'	4	5	V A5	518	115-6	15-1	11	1	1-2	1-2								
SEMI-POLE 3		3	7									66'	1	6c					1/2 TTY
NEW POLE 7	238'	4	5	V A2		14°		11	1	1-2	1-2								
SEMI-POLE 1		3	7									63'	1	6c					1/2 TTY
EXISTING POLE 6		4	4	V A1-1			103-15	11											
ADD POLE 3	306'			V A5-1	528	145	15	1	1-2	1-2	1-2								UMSE

SKETCH OF WORK

1 X 6 A
1 X 8 A

No. of Members
Primary Line Ft.
Sec. Only * Ft.
Service Drop Ft.

Number poles on sketch at top, corners, transformers and deadends. Indicate retired units with ✕. Replaced units with ○. Reset meters and transformers with □.

STAKING SHEET

Ky. 49, Clark

Work Order No. 1219 CC
Sheet No. 3 of 5

Neighbors

Line _____ Lead _____

ENGINEER
Staked _____
Checked _____
Released for Const. _____

Location _____ R _____ Sec _____
System Designation _____ Road _____
Map Reference _____ Site 3

Pri. Wire: 3 Kind A.C.C.

Pole No.	Pri. (Back) Span	Poles H & C		Pri. Unit	R-W Clearing	Line Angle	Trans. "G"	Gr. "M2"	GUY Unit "E"	Anchor "F"	SECONDARY Span		SERVICE Unit		Ruling Span	METER Loop	MISC. & REMARKS
		H	C								Under-build	Sec. # Only	No. J	No. K			
EXISTING POLE 8		40	4	V A3			100-18	11	1-2 / 310	1-2	M2C-5	11A/50	1	11C			
ADD				V A5-1													
NEW POLE 9	120'	40	5	V A3		45°		11	1-2 / 310	1-2							
NEW POLE 9	195'	40	5	V A1				11	1-2 / 310	1-2		1	6C				
SERVICE POLE 4		30	7						1-2 / 310	1-2		102'	1	6C			1/2 10X
NEW POLE 10	180'	40	5	V A1				11									
EXISTING POLE 4	4'	40	4	V A1-1				3						4	11C		
NEW POLE 11	223'	40	5	V A4			SUB-M2C	11	1-2 / 310					1	6C		

SKETCH OF WORK

1 X 6 A
1 X 8 A

No. of Members
Primary Line FL
Sec. Only # FL
Service Drop FL

Number poles on sketch of top, corners, transformers and conductors. Indicate refiled units with . Replaced units with . Reset meters and transformers with .

Neighbors

STAKING SHEET

Ky. 49, Clark

Work Order No. 77219CR

Sheet No. 4 of 5

Location: _____
 Twp _____ R _____ Sec _____
 Map Reference _____
 System Designation _____
 Road _____

Line _____
 ENGINEER _____
 Staked _____
 Checked _____
 Released for Const _____
 Meter _____
 Loop _____
 Size _____
 Meter _____

Pole No.	Pole (Buck) Span	Poles H & C		Poles		Wires		Line Angle	Trans. "G"	Gr. "M2"	Kind	GUY		Anchor "F"	SECONDARY			Ruling Span			SEC. or Wire Size	MISC. & REMARKS					
		Pole No.	Span	Unit	Misc.	R-W Clearing	Pri. Unit					R-W Clearing	Unit "E"		No.	Unit	Span	Sec. # Only	No.	J			Span	No.	K	Loop	Size Meter
EXISTING POLE 1	30	7											1-2	1-2	70	1	6c.				1/2 77X						
NEW POLE 12	142	45	5	V	A4					11			1-2	1-2													
EXISTING POLE 7	376	45	5	V	A6			V6	106/10	1			1-2	1-2													
ADD	90												1-2	1-2													
EXISTING POLE 5	339	40	4	V	A6					1			1-2	1-2													

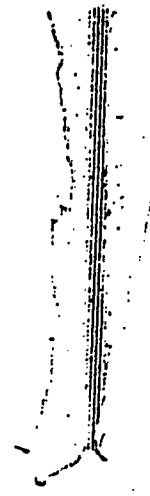
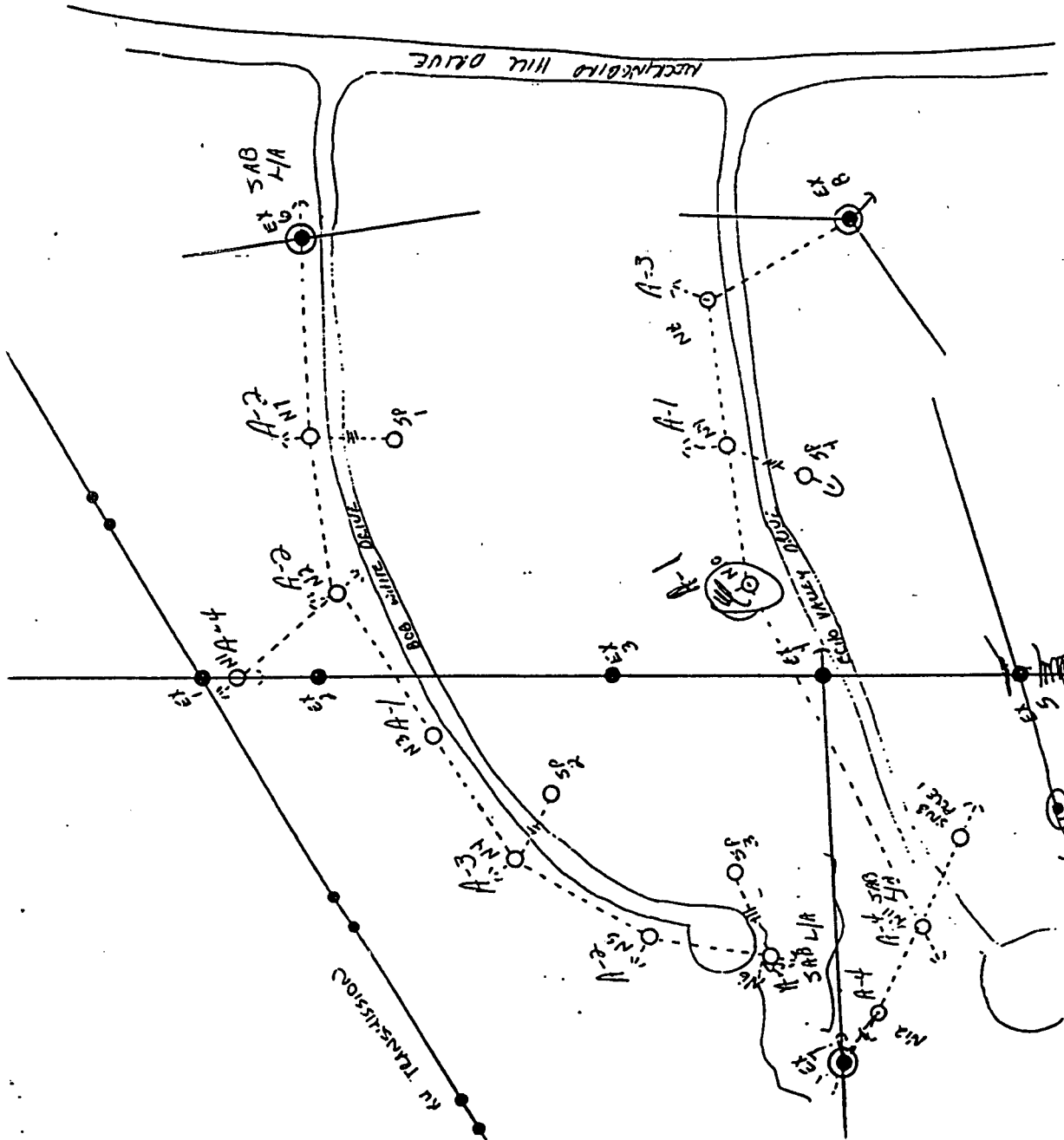
SKETCH OF WORK

2 X 4 A6A
 1 X 6A
 1 X 8A

No. of Members _____
 Primary Line FL _____
 Sec. Only # FL _____
 Service Drop FL _____

Number poles on sketch at top, corners, transformers and deadends. Indicate retired units with ✕. Replace units with ○. Reset meters and transformers with □.

77 '9CK
585
115WA



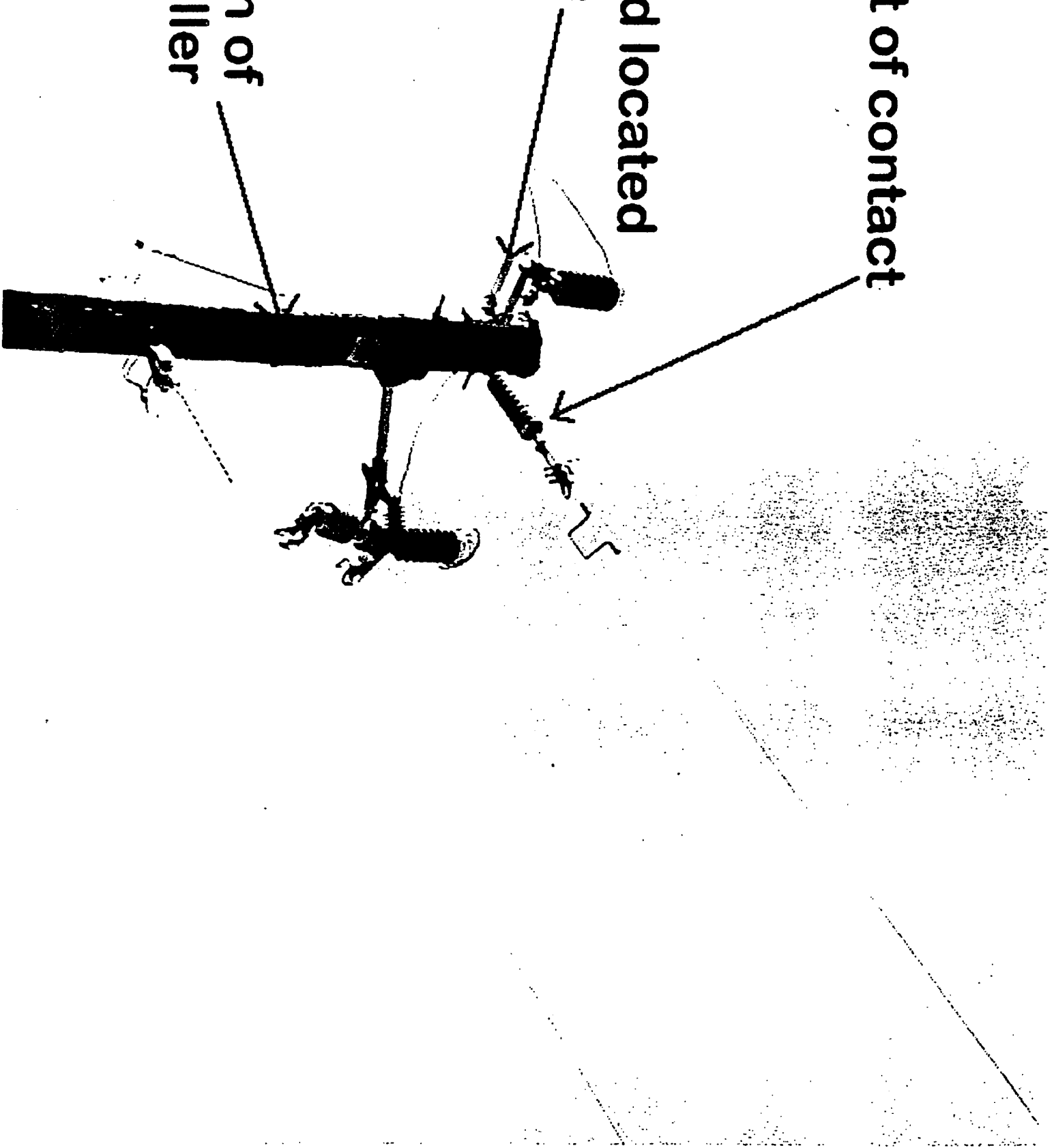
Fact Sheet

The line that the crew was working on was built in early February 1999. The line was constructed in accordance with RUS specifications and had a ground clearance of 33 feet from the phase to the ground and 29 feet from the ground to the neutral.

Point of contact

● **Left hand located here**

● **Position of Gary Miller**



Attachment B
Photographs of Accident Site

**Bucket used by
Kevin Wilson**





