

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

KENTUCKY UTILITIES COMPANY)
_____)) CASE NO. 91-269
ALLEGED FAILURE TO COMPLY WITH)
COMMISSION REGULATION 807 KAR)
5:006, SECTION 24)

ORDER TO SHOW CAUSE

Kentucky Utilities Company ("KU"), which engages in the distribution of electricity to the public for compensation, for light, heat, power, and other uses, is a utility under the Commission's jurisdiction.

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 Commission Regulation 807 KAR 5:006, Section 24, which requires a utility to submit to the Commission a summary written report of any utility-related accident which results in death or serious injury. This report must be submitted within 7 days of the accident.

Commission Staff has submitted to the Commission an Electrical Utility Accident Investigation Report dated July 8, 1991 which alleges:

1. On June 10, 1991, Wayne Prewitt was seriously injured in Lexington, Kentucky, while working on KU facilities.

2. KU submitted a summary written report of this accident to the Commission on June 27, 1991.

3. KU violated Commission Regulation 807 KAR 5:006, Section 24, by failing to submit a summary written report of this accident within 7 days of the accident's occurrence.

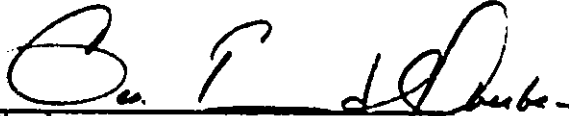
The Commission, on its own motion, HEREBY ORDERS that:

1. KU shall submit to the Commission within 20 days of the date of this Order a written response to the allegations contained in the Electrical Utility Accident Investigation Report which is attached hereto and incorporated herein as Appendix A.

2. KU shall appear on October 8, 1991, at 1:00 p.m., Eastern Daylight Time, in Hearing Room 1 of the Commission's offices at 730 Schenkel Lane, Frankfort, Kentucky, for the purposes of presenting evidence concerning the incident which is the subject of the Electrical Utility Accident Investigation Report, specifically the alleged violations of Commission Regulation 807 KAR 5:006, Section 24, and of showing cause, if any it can, why it should not be subjected to the penalties of KRS 278.990 for its alleged failure to comply with Commission Regulations.

Done at Frankfort, Kentucky, this 9th day of August, 1991.

PUBLIC SERVICE COMMISSION


Chairman


Vice Chairman

Commissioner

ATTEST:


Executive Director

APPENDIX
APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE
COMMISSION IN CASE NO. 91-269 DATED 8/09/91

ELECTRIC UTILITY ACCIDENT INVESTIGATION

DATE OF THIS REPORT: July 8, 1991 SUBMITTED BY: Kyle Willard

NAME OF UTILITY: Kentucky Utilities Co.

ACCIDENT REPORTED BY: Jim Brackney

DATE & TIME ACCIDENT OCCURRED: June 10, 1991 8:50 A.M.

DATE & TIME UTILITY LEARNED OF ACCIDENT: June 10, 1991 9:00 A.M.

DATE & TIME ACCIDENT REPORTED: June 25, 1991 4:15 P.M.

DATE OF ACCIDENT INVESTIGATION: June 26, 1991

DATE SUMMARY WRITTEN REPORT WAS RECEIVED FROM UTILITY: June 27, 1991

PERSONS ASSISTING IN THE INVESTIGATION: Jim Brackney and Bill Dickey
of Kentucky Utilities Co.

VICTIM(S):

1. NAME: Wayne Prewitt SEX: M AGE: UKN

FATAL: NO NAME OF EMPLOYER: Shely Construction Co.

INJURIES: Flash burn to face and neck

2. NAME: SEX: AGE:

FATAL: NAME OF EMPLOYER:

INJURIES:

3. NAME: SEX: AGE:

FATAL: NAME OF EMPLOYER:

INJURIES:

ELECTRICAL UTILITY ACCIDENT INVESTIGATION (Continued)

LOCATION OF ACCIDENT SITE: Newtown Circle, Lexington, KY

DESCRIPTION OF ACCIDENT: A Shely crew consisting of Robert Nipper - Foreman, William Blanton - Groundman, and Wayne Prewitt - Lineman (operating from truck bucket with full safety attire) had installed a mechanical jumper to remove a cutout and lightning arrester. (See Attachment A) Mr. Prewitt attempted to disconnect the hot lead from the bottom of the cutout, having to jerk the lead loose. In so doing he inadvertently made contact with the arrester, creating a flash, resulting in burns to his face and neck.

SOURCE OF INFORMATION: Robert Nipper of Shely Construction Co., Alan Lewis of Kentucky Utilities Co., Kentucky Utilities Company Summary Written Report, and an on-site investigation.

PROBABLE VIOLATIONS OF COMMISSION REGULATIONS: The Summary Written Report was received 17 days after the accident transpired. Therefore Kentucky Utilities Co. is in probable violation of 807 KAR 5:006, Section 24; which requires that a Summary Written Report be filed within seven (7) days.

RECOMMENDATIONS: Due to Kentucky Utilities Company's probable violation of 807 KAR 5:006, Section 24, it is recommended that the Commission consider action in accordance with KRS 278.990. In addition, the Utility did not notify the Commission until 15 days

after the accident occurred. This cannot be considered timely enough to allow for a meaningful investigation by Commission staff, therefore, it is further recommended that Kentucky Utilities Co. take action to correct this notification problem on any future incident.

CORRECTIVE ACTION: Corrective action has been recommended.

LINE CLEARANCES

	<u>As Measured</u>	<u>Minimum Allowed by NESC</u>
A. AT POINT OF ACCIDENT		
Phase conductor to ground elevation:	A: 34'-4" B: 34'-4" C: 34'-4"	18'-6"
Neutral conductor to ground elevation:	27'-3"	15'-6"
Secondary phase conductor to ground elevation:	26'-3"	16'-6"
TV cable to ground elevation:	22'-1"	15'-6"
Communication conductor to ground elevation:	20'-9"	15'-6"
B. AT LOWEST POINT OF SPAN		
Phase conductor to ground elevation:	A: 37'-3" B: 37'-3" C: 37'-3"	18'-6"
Neutral conductor to ground elevation:	31'-3"	15'-6"
Secondary phase conductor to ground elevation:	29'-7"	16'-6"
TV cable to ground elevation:	25'-4"	15'-6"
Communication conductor to ground elevation:	22'-10"	15'-6"
Span guy wire to ground elevation:	20'-0"	15'-6"
C. SPAN LENGTH <u>147'-8"</u>		

Date the line or facilities were constructed: June 1991

Utility: Kentucky Utilities Co.

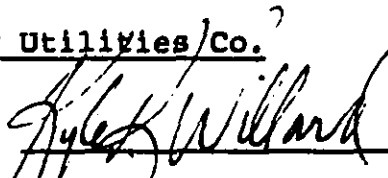
Date: June 26, 1991

Time: 2:30 P.M.

Approximate temperature: 80 DEGREES F

Measurements made by: Al Lewis of Kentucky Utilities Co.

Submitted by:



Kyle Willard, Engineer
Communications and
Electric Branch

KENTUCKY UTILITIES COMPANY

ONE QUALITY STREET
LEXINGTON, KENTUCKY
40507
TELEPHONE 606-255-2100

June 25, 1991

Mr. John Land
Public Service Commission
730 Schenkel Lane
P.O. Box 615
Frankfort, KY 40602

Dear John:

SUBJECT: FLASH & BURN ACCIDENT
WAYNE FREWITT
DOA: 6/10/91

We are enclosing a copy of our Report of Accident - Public where an employee of Shely Construction Company received Flash burns to face and neck.

If you have any questions please advise.

Thank you.

Sincerely,



James A. Brackney, P.E.
Director, Insurance & Claims

JAB/ss
Enclosure

REPORT OF ACCIDENT - PUBLIC

Kentucky

Quality Street

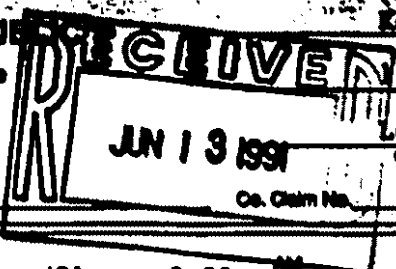
Lexington, Kentucky

P

NO. 76

Personal injury or property damage
KJ 24-10 REV 10-80

FOR INFORMATION ONLY



Claim No.

Co. Claim No.

TIME AND PLACE OF ACCIDENT

Date June 10, 19 91 Time 8:50 AM Location Newtown Circle
City Lexington County Fayette

RMT
6-14-91

REASON INJURED

Name [Redacted] Age _____ Married Yes Age of Children _____
Address _____ Street _____ City _____ State _____ Phone _____
Occupation Journeyman Lineman Employer Shely Construction Co.
Nature and extent of injuries Flash Burn to Face and Neck
Injured taken to Humana Hospital Name of physician _____

PUBLIC PROPERTY DAMAGED

Owner's Name _____ Address _____
Description of Property Damaged _____
Nature and Extent of Damages _____
Estimated Cost to Repair or Replace _____

ACCIDENT

How did the accident happen? (Give full details, describing equipment or other property involved and nature of work being done.)
A Shely Crew consisting of Robert Nipper - Foreman, Wayne Prewitt - Lineman, Glen Ferrell - Lineman, and William Blanton - Groundman (Wayne was operating from bucket truck) had installed a mechanical jumper to clear up and remove a cutout and arrester. After installing the jumper, Wayne was taking the hot lead out of the bottom of the cutout. He was having difficulty doing this and had to jerk the wire. When the wire came loose he pulled it over into the bottom of the arrester, creating a flash and causing a burn to his face and neck.

WITNESS OR PERSONS PRESENT

Name	Address	Phone
1. Robert Nipper		
2. Glen Ferrell		
3. William Blanton		

Report Made By Alan Lewis CJM Date 6-11-91
Report Approved By NM Curtis Date 6-12-91
(Dist. Mgr. or Dept. Head)

VM 2
TFM

P. S. C.
ACCIDENT AND TROUBLE REPORT FORM

ATTACHMENT B

TODAY'S DATE 6/25/91 TIME 4:15

COMPANY Kentucky Utilities

PERSON REPORTING INCIDENT: NAME: Jana Breckner

TITLE: _____

ADDRESS: _____

PHONE NO: 606/288-1138

ACCIDENT DESCRIPTION: flash burn to face & neck

VICTIMS NAMES: Wayne Bennett SEX M AGE _____ DEATH _____ INJURY ✓

SEX _____ AGE _____ DEATH _____ INJURY _____

SEX _____ AGE _____ DEATH _____ INJURY _____

LOCATION OF ACCIDENT: _____

TIME OF OCCURRENCE: _____

TROUBLE DESCRIPTION: _____

TIME OF OCCURRENCE: June 10, 1991

TIME OF RESUMPTION OF NORMAL SERVICE: _____

NUMBER OF CUSTOMERS AFFECTED: _____

SIGNED Jan Power (taken by Vern) (monale)
DATE 6/27/91

PUBLIC SERVICE COMMISSION OF KY.
ENGINEERING DIVISION
FRANKFORT, KY.

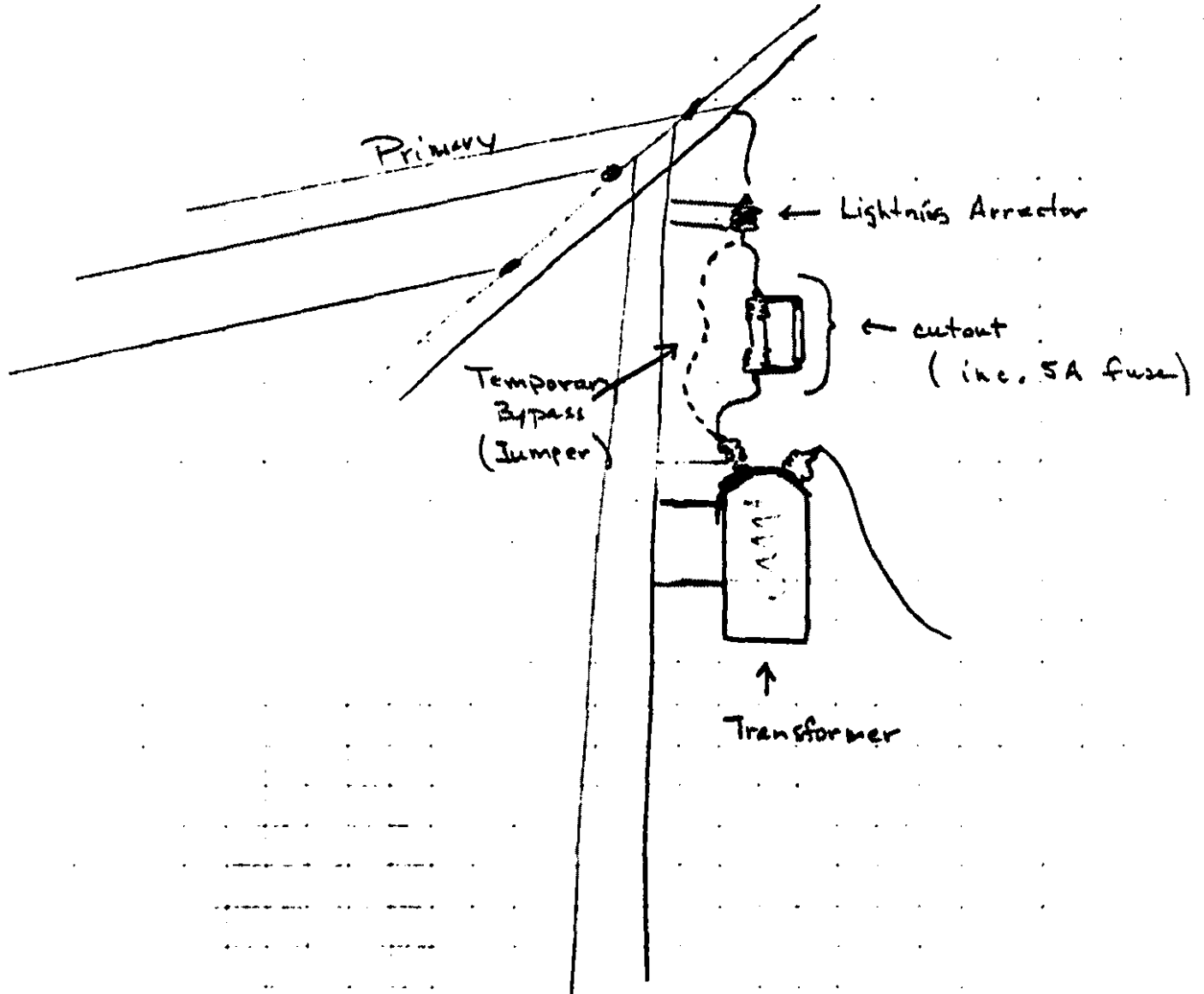
Calculation Sheet

Date _____ No. _____

Made by _____

Checked by _____

Utility _____

Figure 1

In order to replace the cutout, a temporary Bypass line between the Lightning Arrestor and the Transformer are established.

Accident occurred when cutout was partially removed from lightning arrester node and ground wire inadvertently connected with arrester causing phase to ground short with resulting flash.

KW

