

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

LOUISVILLE GAS AND ELECTRIC COMPANY  
and  
BELLSOUTH TELECOMMUNICATIONS, INC.

CASE NO. 96-246

\_\_\_\_\_  
ALLEGED VIOLATION OF COMMISSION  
REGULATIONS 807 KAR 5:041, SECTION 3  
AND 807 KAR 5:061, SECTION 3

O R D E R

IT IS HEREBY ORDERED that the Louisville Gas and Electric Company ("LG&E") shall, no later than 20 days from the date of this Order, file with the Commission an original and 8 copies of the information requested below. Each copy shall be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed; for example, Item 1(a), Sheet 2 of 6. LG&E shall furnish with each response the name of the witness who will be available at the public hearing to respond to questions concerning the response. Careful attention shall be given to copied material to ensure its legibility.

1. Provide a copy of all agreements between LG&E and BellSouth Telecommunications, Inc. ("BellSouth") regarding the joint usage of utility poles.

2. a. List the date of all inspections which LG&E has conducted of the utility pole involved in the December 28, 1995 incident.

b. For each inspection, identify who conducted the inspection.

- c. For each inspection, provide the inspection check sheet.
3. State when BellSouth installed its telecommunications equipment on the utility pole involved in the December 28, 1995 incident.
4. Provide all correspondence between LG&E and BellSouth in which the utility pole involved in the December 28, 1995 incident is discussed.
5.
  - a. List each date on which LG&E performed any maintenance, repair, or other work on the utility pole involved in the December 28, 1995 incident.
  - b. For each date listed, describe the nature of the work involved.
  - c. For each date listed, identify the persons performing the work.
  - d. For each date listed, provide a copy of the work order or other document which authorized the work.
6. Provide all correspondence, internal memoranda, or other documents in which the utility pole involved in the December 28, 1995 incident is discussed.
7.
  - a. Describe the actions which LG&E normally takes upon learning that a pole attachment belonging to a joint pole user fails to comply with National Electrical Safety Code ("NESC") clearance standards.
  - b. Does LG&E have a written policy regarding pole attachments of joint pole users which fail to comply with NESC clearance standards? If yes, provide a copy of this policy. If no, explain why not.
8. State when LG&E installed the cut-out on the utility pole involved in the December 28, 1995 incident.

9. Explain how the decision in Kentucky Utilities Co. v. Public Service Commission, No. 91-CI-001036 (Franklin Cir. Ct. Sept. 25, 1992) releases LG&E from any responsibility to ensure that its cut-out meets NESC clearance standards.

Done at Frankfort, Kentucky, this 1st day of August, 1996.

PUBLIC SERVICE COMMISSION

  
For the Commission

ATTEST:

  
Executive Director

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

LOUISVILLE GAS AND ELECTRIC COMPANY )  
and )  
BELLSOUTH TELECOMMUNICATIONS, INC. )

) CASE NO. 96-246  
)

\_\_\_\_\_  
ALLEGED VIOLATION OF COMMISSION )  
REGULATIONS 807 KAR 5:041, SECTION 3 AND )  
807 KAR 5:061, SECTION 3 )

O R D E R

BellSouth Telecommunications, Inc. ("BellSouth"), a Georgia corporation which owns, operates and manages facilities within Kentucky that are used in the transmission and conveyance over wire of messages by telephone for the public for compensation, is a utility subject to Commission jurisdiction. KRS 278.010(3)(e); 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 Commission Regulation 807 KAR 5:061, Section 3, which requires telephone utilities to maintain their plant and facilities in accordance with the standards of the National Electrical Safety Code (1990 edition) ("NESC").

NESC Code Section 013B provides that facilities which are in compliance with the NESC edition in effect at the time of their construction need not comply with the current edition of the NESC.

On October 1, 1983, Commission Regulation 807 KAR 5:061, Section 3, required a telephone utility to construct and maintain its facilities in accordance with the National Electrical Safety Code (1981 ed.) ("1981 NESC").

Commission Staff has submitted to the Commission an Electrical Utility Accident Investigation Report dated May 14, 1996, appended hereto as Exhibit A, which alleges:

1. On December 28, 1995, Nicholas Poth was fatally injured while installing cable television service at 4801 Toledo Lane, Louisville, Kentucky.

2. At the time of the incident, Poth stood on a fiber glass extension ladder that was leaning against a Louisville Gas and Electric Company ("LG&E") utility pole and positioned directly under a 7200 volt conductor. He was electrocuted when the conductive extension of the fiberglass pole which he was using to pull a cable wire through a nearby tree came into contact with the 7200 volt overhead conductor.

3. LG&E owned the 7200 volt overhead conductor.

4. LG&E installed the utility pole in question on October 1, 1983.

5. After the incident on December 28, 1995, Commission Staff measured the line clearances of the facilities in question. It found, inter alia, that the vertical clearance between the telephone conductor and the cut-out on the utility pole was 36 inches.

6. The vertical clearance between the telephone conductor and the cut-out did not comply with 1981 NESC Section 235C1 which requires a vertical clearance of 40 inches between communications conductors and open supply conductors having a voltage of 7200 volts.

7. The vertical clearance between the telephone conductor and the cut-out did not comply with 1981 NESC Section 238B which requires a vertical clearance of 40 inches between communications conductors and non-current metal parts of equipment located on the same structure.

8. As a result of these failures, LG&E is in probable violation of Commission Regulation 807 KAR 5:041, Section 3.<sup>1</sup>

On June 11, 1996, the Commission ordered LG&E to show cause why it should not be subject to the penalties prescribed in KRS 278.990(1) for its alleged violations of Commission Regulation 807 KAR 5:041, Section 3. In its response to the Accident Investigation Report, appended hereto as Exhibit B, LG&E stated that BellSouth owns the telecommunications equipment and that any violation of the NESC is the result of BellSouth's placement of that equipment.

Based on its review of the Electrical Utility Accident Investigation Report and LG&E's response and being otherwise sufficiently advised, the Commission finds that prima facie evidence exists that BellSouth failed to comply with Commission Regulation 807 KAR 5:061, Section 3.

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

1. BellSouth shall appear before the Commission on September 10, 1996 at 10:00 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

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<sup>1</sup> Commission Regulation 807 KAR 5:041, Section 3, requires electric utilities to maintain their plant and facilities in accordance with the standards of the National Electrical Safety Code (1990 edition).

concerning the alleged violations of Commission Regulation 807 KAR 5:061, Section 3, and of showing cause why it should not be subject to the penalties prescribed in KRS 278.990(1) for these alleged violations.

2. BellSouth 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 and LG&E's Response.


3. Any motion requesting any informal conference with Commission Staff to consider any matter which would aid in the handling or disposition of this proceeding shall be filed with the Commission no later than 20 days from the date of this Order.

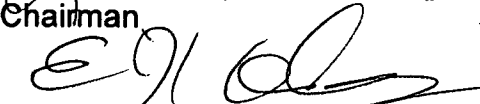
4. Any documents or pleadings which BellSouth files with the Commission shall also be served on all parties of record.

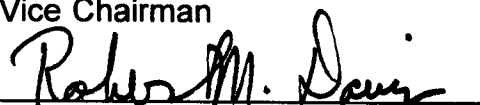
5. This case shall henceforth be styled as "Louisville Gas and Electric Company and BellSouth Telecommunications, Inc.: Alleged Violations of Commission Regulations 807 KAR 5:041, Section 3 and 807 KAR 5:061, Section 3."

Done at Frankfort, Kentucky, this 1st day of August, 1996.

PUBLIC SERVICE COMMISSION

  
Chairman

  
Vice Chairman

  
Commissioner

ATTEST:

  
Executive Director

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

**RECEIVED**

JUN 12 1996

In the Matter of:

LOUISVILLE GAS AND ELECTRIC COMPANY )

GENERAL COUNSEL

\_\_\_\_\_  
ALLEGED VIOLATION OF COMMISSION  
REGULATION 807 KAR 5:041, SECTION 3 )

) CASE NO. 96-246  
)  
)

O R D E R

The Louisville Gas and Electric Company ("LG&E"), 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. KRS 278.010; KRS 279.210.

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 5:041, Section 3, which requires electric utilities to maintain their plant and facilities in accordance with the standards of the National Electrical Safety Code (1990 edition) ("NESC").

NESC Code Section 013B provides that facilities which are in compliance with the NESC edition in effect at the time of their construction need not comply with the current edition of the NESC.



On October 1, 1983, Commission Regulation 807 KAR 5:041, Section 3, required an electrical utility to construct and maintain its facilities in accordance with the National Electrical Safety Code (1981 ed.) ("1981 NESC").

Commission Staff has submitted to the Commission an Accident Investigation Report dated May 14, 1996, appended hereto, which alleges:

1. On December 28, 1995, Nicholas Poth was fatally injured while installing cable television service at 4801 Toledo Lane, Louisville, Kentucky.

2. At the time of the incident, Poth stood on a fiber glass extension ladder that was leaning against an LG&E utility pole and positioned directly under a 7200 volt conductor. He was electrocuted when the conductive extension of the fiberglass pole which he was using to pull coaxial cable through a nearby tree came into contact with the 7200 volt overhead conductor.

3. LG&E owned the 7200 volt overhead conductor.

4. LG&E installed the utility pole in question on October 1, 1983.

5. After the incident on December 28, 1995, Commission Staff measured the line clearances of the facilities in question. It found, inter alia, that the vertical clearance between the telephone conductor and the cut-out on the utility pole was 36 inches.

6. The vertical clearance between the telephone conductor and the cut-out did not comply with 1981 NESC Section 235C1 which requires a vertical clearance of 40 inches between communications conductors and open supply conductors having a voltage of 7200 volts.

7. The vertical clearance between the telephone equipment and the cut-out did not comply with 1981 NESC Section 238B which requires a vertical clearance of 40 inches between communications equipment and supply conductors located on the same structure.

8. As a result of these failures, LG&E is in probable violation of Commission Regulation 807 KAR 5:041, Section 3.

Based on its review of the Accident Investigation Report and being otherwise sufficiently advised, the Commission finds that prima facie evidence exists that LG&E failed to comply with Commission Regulation 807 KAR 5:041, Section 3.

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

1. LG&E shall appear before the Commission on September 10, 1996 at 10:00 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 concerning the alleged violations of Commission Regulation 807 KAR 5:041, Section 3, and of showing cause why it should not be subject to the penalties prescribed in KRS 278.990(1) for these alleged violations.

2. LG&E shall submit to the Commission within 20 days of the date of this Order a written response to the allegations contained in the Accident Investigation Report.

3. The Accident Investigation Report of May 14, 1996, a copy of which is appended hereto, is made part of the record of this proceeding.

4. Any motion requesting any informal conference with Commission Staff to consider any matter which would aid in 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 11th day of June, 1996.

By the Commission

ATTEST:

  
Executive Director

APPENDIX  
APPENDIX TO AN ORDER OF THE PUBLIC SERVICE COMMISSION OF KENTUCKY  
IN CASE NO. 96- 246 DATED JUNE 11, 1996;


**Kentucky Public Service Commission  
Accident Investigation  
Staff Report**

<b>Utility:</b>	Louisville Gas and Electric Company				
<b>Reported By:</b>	Mr. George R. Siemens, Jr.				
<b>Dates &amp; Times</b>					
<b>Accident Occurred:</b>	12-28-95 2:30 p.m.				
<b>Utility Notified:</b>	12-28-95 2:33 p.m.				
<b>PSC Notified:</b>	12-28-95 3:25 p.m.				
<b>Investigated:</b>	12-28-95				
<b>Written Report Rcvd:</b>	01-04-96				
<b>Location of Accident:</b>	4801 Toledo Lane, Louisville, KY				
<b>Description of Accident:</b>	Mr. Poth was in the process of installing cable television service. He was standing on a ladder at LG&E's utility pole and used a fiberglass pole with a conductive extension to fish coaxial cable through some nearby trees. The conductive extension made contact with the cutout, resulting in electrocution.				
<b>Victims:</b>					
<b>Name:</b>	Mr. Nicholas Poth	<b>FATAL:</b>	Yes	<b>AGE:</b>	31
<b>Addr./Empl.:</b>	NaCom				
<b>Injuries:</b>	Electrocution				
<b>Witnesses:</b>	None				
<b>Name:</b>					
<b>Addr./Empl.:</b>					

**Kentucky Public Service Commission  
Accident Investigation  
Staff Report**

<b>Persons Assisting in the Investigation:</b>				
<b>Name:</b>	Mr. Thomas G. Fortney			
<b>Addr./Empl.:</b>	NaCom, Project Manager			
<b>Name:</b>	Mr. Larry Miller			
<b>Addr./Empl.:</b>	LG&E, Fire & Security Investigator			
<b>Name:</b>	Mr. George Siemens			
<b>Addr./Empl.:</b>	LG&E, Director, External Affairs			
<b>Probable Violations:</b>	807 KAR 5:041, Section 3, 1981 NESC: Rule 235C1, Vertical Clearance Between Line Conductors and/or Rule 238B, Vertical Clearance Between Line Wires, Conductors, or Cables and Non-current Carrying Metal Parts of Equipment Located at Different Levels on the Same Structure.			
<b>Line Clearances:</b>	<b>Measured</b>	<b>Minimum Allowed by NESC</b>	<b>NESC Edition 1981</b>	<b>Voltage</b>
Telephone Drop to Ground Elev.:	21 feet	10 feet	Rule 232A, Table 232-1	NA
Cut-Out to Ground Elev.:	24 feet	18 feet	Rule 232C, Table 232-2	7200 Volts
Cut-Out to Telephone Drops:	41 inches, diagonal measurement	Not Applicable	Not Applicable - Used to Check Vertical	7200 Volts
Cut-Out to Pole:	1 foot 10 inches, horizontal measurement	Not Applicable	Not Applicable - Used to Check Vertical	7200 Volts

**Kentucky Public Service Commission  
Accident Investigation  
Staff Report**

<b>Cut-Out to Telephone Drops:</b>	36 inches, vertical distance calculated	40 inches, vertical	Rule 235C, Table 235-5 or Rule 238B, Table 238-1	7200 Volts
<b>Remarks:</b>	<p>The above listed measurements were made by LG&amp;E personnel, at my direction, on December 28, 1995. I observed readings measured to the ground, but was unable to view the aerial readings. I advised LG&amp;E of my intent to return with John Land, a staff inspector, to perform our own measurements. We returned to the site on February 7, 1996, but found that the cut-out assembly had been removed. Later, it was discovered that drawings submitted by LG&amp;E were in conflict with the above listed measurements. We returned to the site on March 6, 1996, and found a 0.5 inch difference between the original measurement for the telephone drops to ground elevation clearance. A 6.5 inch difference was found between LG&amp;E's drawings and our measurements of the telephone company span guy ground clearance.</p> <p>The vertical distance between the cut-out and communications facilities (telephone service drops) was calculated as follows: Cut-out to Ground Elevation (24 feet) minus Telephone Drop to Ground Elevation (21 feet) = 3 feet, or 36 inches.</p>			
<b>Investigated By:</b>	Martha M. Morton			
<b>Signed:</b>				

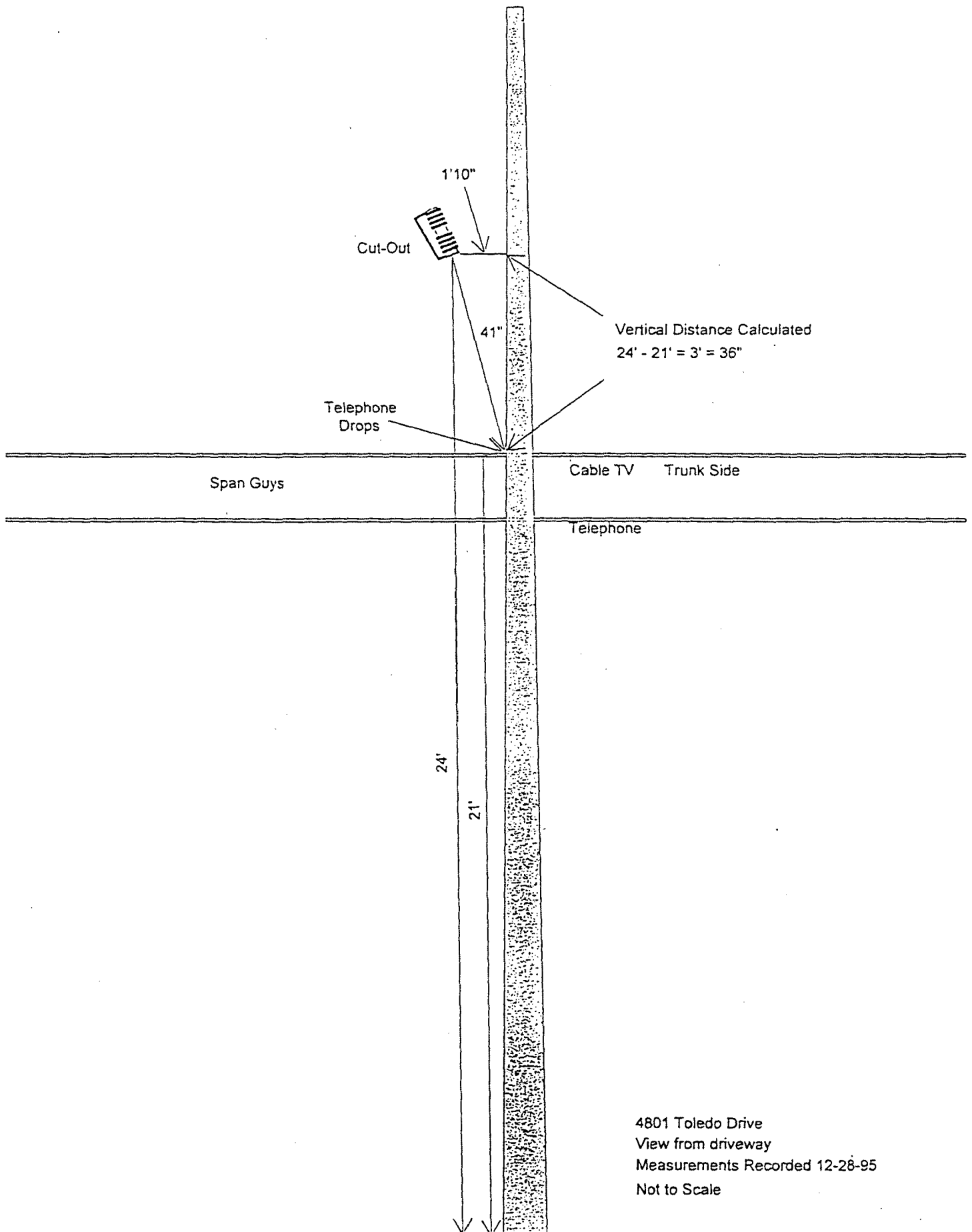
**Attachments:**

- A - Staff Drawings Summarizing Measurements
- B - Correspondence
- C - LG&E's Written Report
- D - Drawings Provided by LG&E

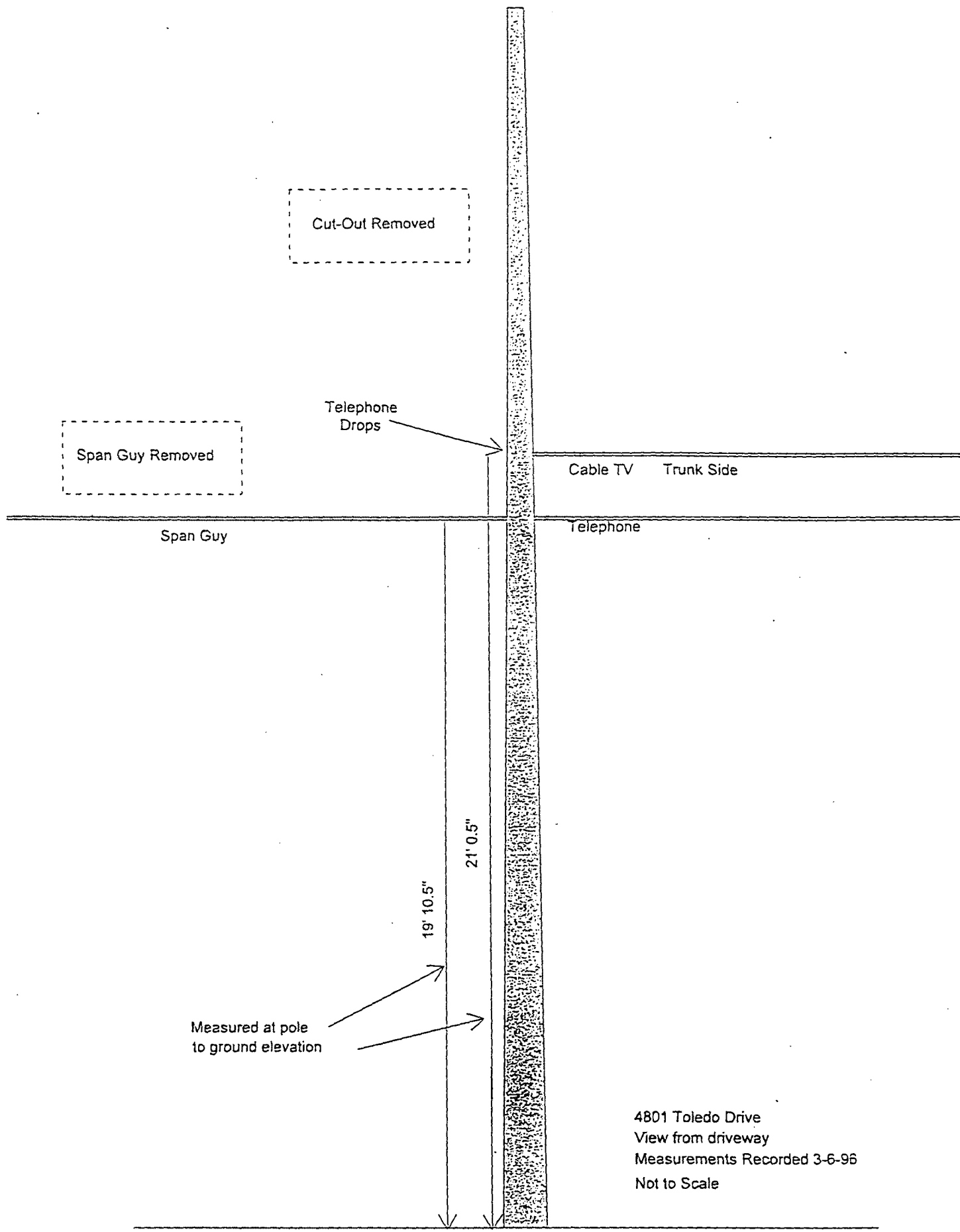
## Attachment A

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### Staff Drawings Summarizing Measurements







4801 Toledo Drive  
View from driveway  
Measurements Recorded 3-6-96  
Not to Scale

## Attachment B

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### Correspondence



COMMONWEALTH OF KENTUCKY  
PUBLIC SERVICE COMMISSION

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

February 9, 1996

Mr. George Siemens  
Louisville Gas and Electric Company  
P. O. Box 32010  
Louisville, KY 40232-2010

Re: Accident Investigation  
F. Nicholas Poth

Dear Mr. Siemens:

On February 7, 1996, we returned to the accident site and found that the cutout assembly had been replaced. Please provide the following information:

1. An explanation of why it was necessary to replace the cutout.
2. The date of replacement.
3. Copies of any work orders related to the replacement of the cutout.

I would appreciate a response by February 20, 1996 so we may complete this investigation.

Sincerely,

A handwritten signature in cursive script, appearing to read "Martha M. Morton".

Martha M. Morton  
Manager, Electric Branch  
Division of Engineering and Services



George R. Siemens, Jr.  
Director  
External Affairs

Louisville Gas and Electric Company  
220 West Main Street  
P.O. Box 32010  
Louisville, Kentucky 40232  
502-627-2323  
502-627-2920 FAX

February 20, 1996

Ms. Martha M. Morton  
Manager, Electric Branch  
Division of Engineering and Services  
Kentucky Public Service Commission  
730 Schenkel Lane  
P.O. Box 615  
Frankfort, KY 40602

Re: Accident Investigation - F. Nicholas Poth

Dear Ms. Morton:

In response to your letter dated February 9, 1996, listed below is the information which you requested.

1. An explanation of why it was necessary to replace the cutout.

After all photographs and measurements were taken, the equipment which showed evidence of electrical arcing and burns was removed as a normal course of action to ensure the preservation and integrity of the equipment involved for evidence purposes should a legal proceeding arise.

2. The date of replacement.

The cutout in question was replaced on the evening of December 28, 1995 after all photographs and measurements were taken.

3. Copies of any work orders related to the replacement of the cutout.

Attached is a copy of the correction order issued on December 28, 1995.

If you desire any further information or have additional questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "George R. Siemens, Jr.", is written over a horizontal line.

Attachment

A SUBSIDIARY OF  
LGE ENERGY

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Status C Slot 6 Pip      Recl          Pcom          Aff Curs  1
C.O. Create 28-DEC-1995 14:33  Repair: 28-DEC-1995 19:59 Comp:
Press RETURN for next record, Control-Z to quit, or Help for more information.

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2077

ADDRESS 4801 Toledo CO# 770361  
 WOE \_\_\_\_\_ TIME ASSIGNED 1:40 TIME COMPLETE 1:55 DATE 12-28-95  
 CIRCUIT \_\_\_\_\_ ENCL # 2011 TECHNICIAN M BEAVIN-D B48  
 UED CIR \_\_\_\_\_ TROUBLE CODE ORIGINAL 19 TROUBLE CODE REVISED \_\_\_\_\_  
 REPAIRS SEE LARRY HALLER REPORT

OUTAGE RESTORATION SEQUENCE (ACTION Codes: G-gaps; C-closes)  
 (DEVICE Type: S-switch; X-breaker; K-recloser; S-fault; F-fuse; T-transformer)  
 TIME ACTION DEVICE FROM SITE REPAIRS TIME TO THE LOCATION

OUTAGE CAUSE REPORTING (CHECK ONE OR MORE) (DO NOT check ONE ONLY in each category)

**A - SYSTEM INFORMATION & OUTAGE**

- ( ) (1) SCHEMATIC
- ( ) (2) SWITCHED ABNORMAL
- ( ) (3) SERVICE
- ( ) (4) SERVICE MISCOORDINATION
- ( ) (5) AUTOMATION PROBLEM

**B - WEATHER CONDITION & OUTAGE**

- ( ) (1) CALM/STILL
- ( ) (2) WIND ONLY
- ( ) (3) RAIN ONLY
- ( ) (4) WIND AND RAIN
- ( ) (5) SNOW/ICE ONLY
- ( ) (6) STORM

**C - CAUSE OF OUTAGE**

- ( ) (1) WILDLIFE
- ( ) (2) TREE TOUCHING
- ( ) (3) TREE LINE FELL
- ( ) (4) TREE FELL
- ( ) (5) LIGHTNING
- ( ) (6) VEHICLE
- ( ) (7) DIRT-DM
- ( ) (8) FERRIC INTERFERENCE
- ( ) (9) OPERATOR INTERFERENCE
- ( ) (10) CUSTOMER EQUIPMENT
- ( ) (11) LOOSE EQUIPMENT ATTACHMENT
- ( ) (12) LOOSE CONNECTION
- ( ) (13) OVERLOAD
- ( ) (14) SHOCK/SPARK
- ( ) (15) OTHER (remark)
- ( ) (16) UNKNOWN

**D - EQUIPMENT DEFECT**

- ( ) (1) OUTPOST/CABLE
- ( ) (2) BAD SWITCH
- ( ) (3) LB SWITCH
- ( ) (4) GAPS OVER SWITCH
- ( ) (5) SWITCHGIRL
- ( ) (6) RECLOSER
- ( ) (7) OIL SWITCH
- ( ) (8) CAPACITOR
- ( ) (9) PORCELAIN ARRESTOR
- ( ) (10) MOV ARRESTOR
- ( ) (11) TRANSFORMER BURNING
- ( ) (12) TRANSFORMER OVR
- ( ) (13) OVERHEAD TRANSFORMER
- ( ) (14) AIRCRAFT TRANSFORMER
- ( ) (15) 10 FIDUCIAL TRANSFORMER
- ( ) (16) 30 FIDUCIAL TRANSFORMER
- ( ) (17) NETWORK TRANSFORMER
- ( ) (18) BARE WIRE
- ( ) (19) POLY WIRE
- ( ) (20) TALK WIRE
- ( ) (21) SPARK CABLE
- ( ) (22) CUMBER
- ( ) (23) RISK
- ( ) (24) UNDERGROUND CABLE
- ( ) (25) METEOR
- ( ) (26) WIRELESS WIRE
- ( ) (27) WIRELESS WIRE
- ( ) (28) GUT WIRE/ANCHOR ROD
- ( ) (29) OVER SPARK
- ( ) (30) CONDUCTOR
- ( ) (31) WIRE SPARK
- ( ) (32) HUBBY
- ( ) (33) WETTED/TERMINATOR

- ( ) (71) PORCELAIN INSULATOR
- ( ) (72) POLY INSULATOR
- ( ) (73) POST TYPE INSULATOR
- ( ) (74) PILE
- ( ) (75) CROSS ARM WOOD
- ( ) (76) CROSS ARM STEEL
- ( ) (77) 1-STE-MACKET
- ( ) (78) SERVICE DROP
- ( ) (79) WIRE
- ( ) (80) CUSTOMER EQUIPMENT
- ( ) (81) FORTUNE EQUIPMENT
- ( ) (82) OTHER (remark)
- ( ) (83) UNKNOWN

**E - TYPE CONSTRUCTION**

- ( ) (1) FLAY
- ( ) (2) VERTICAL
- ( ) (3) ANGLE
- ( ) (4) STACK
- ( ) (5) WOOD POLES
- ( ) (6) STEEL POLES
- ( ) (7) CONCRETE POLES
- ( ) (8) TOWER
- ( ) (9) WIRE DIRECT BORED
- ( ) (10) WIRE DIRECT BORED DUCT
- ( ) (11) WIRE ENCASED DUCT
- ( ) (12) OTHER (remark)
- ( ) (13) UNKNOWN

## Attachment C

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LG&E's Written Report

George R. Siemens, Jr.  
Director  
External Affairs

Louisville Gas and Electric Company  
220 West Main Street  
P.O. Box 32010  
Louisville, Kentucky 40232  
502-627-2323  
502-627-2930 FAX

January 2, 1996

RECEIVED

JAN 04 1996

DIVISION OF UTILITY  
ENGINEERING & SERVICES

Ms. Martha Morton, Manager  
Electrical Branch  
Kentucky Public Service Commission  
730 Schenkel Lane  
P.O. Box 615  
Frankfort, KY 40602


RE: Electrocutation at 4801 Toledo Lane  
Louisville, Kentucky -- December 28, 1995

Dear Ms. Morton:

Attached is an "Investigation Report" prepared by Larry Miller on the above incident. This is filed in compliance with the seven-day reporting requirement.

If you need additional information concerning this incident, please let me know.

Sincerely,



Attachment





Louisville Gas and Electric Company  
220 West Main Street  
P.O. Box 32010  
Louisville, Kentucky 40232

PROPERTY AND CASUALTY CLAIMS  
INVESTIGATION REPORT

ELECTRICAL CONTACT

Type of Report

95-E-056

Report Number

A.L. Miller

Investigator

December 28, 1995

Date of Incident

Reference:           Electrocution

Location:           4801 Toledo Lane  
Louisville, KY 40272

Case Summary:

LG&E received a call at 2:33 p.m. on Thursday, December 28, 1995, from the Pleasure Ridge Park Fire Department advising of a possible electric shock. LG&E dispatched a crew to the scene at 2:41 p.m.

Larry Miller, Fire and Security Investigator, arrived at the scene at 4:15 p.m. LG&E personnel, TKR, NACOM (the TKR subcontractor performing the work), Jefferson County Police, Pleasure Ridge Park Fire personnel, and news media were on the scene.

The deceased, Frederick Nicholas Poth, 1707 Crystal Drive, LaGrange, Kentucky, was 31 years of age and had worked for NACOM for approximately thirteen years.

Mr. Poth was installing cable for TKR to 4801 Toledo Lane when the incident occurred. He was standing on a fiberglass extension ladder that was placed against LG&E's utility pole. The ladder was positioned directly under the 7200 volt stinger. He was using a fiberglass pole with an aluminum extension in an attempt to pull the cable wire up through a nearby tree to the pole. It appears that his left hand was on the aluminum portion of the pole and his right hand was on the head guy for the cable TV line when the top portion of the aluminum extension pole touched the top section of the cutout, resulting in electrocution.

ALM

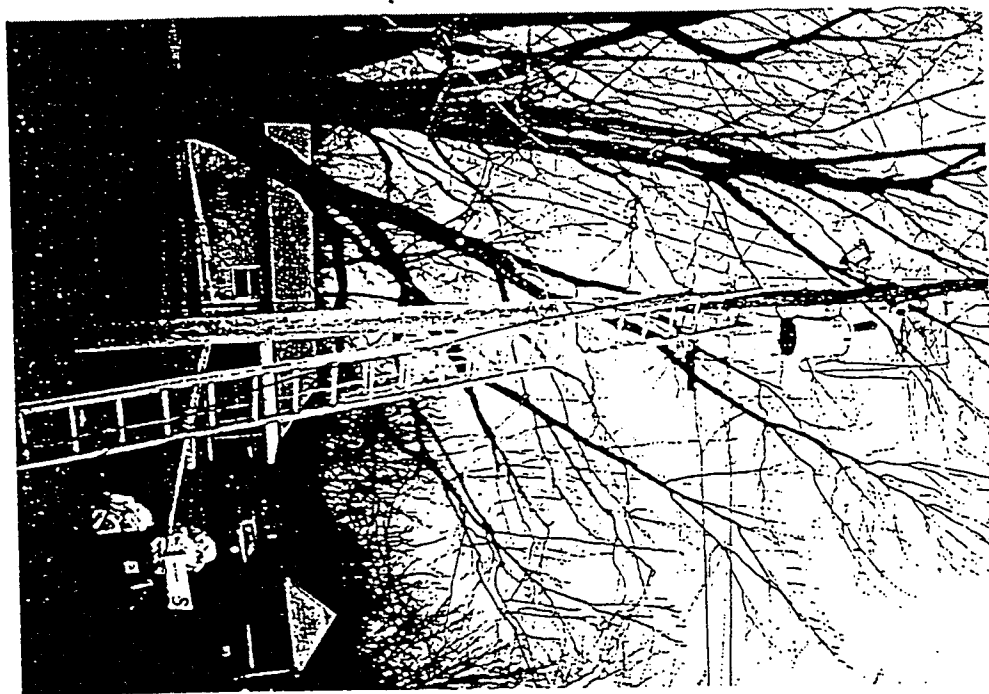
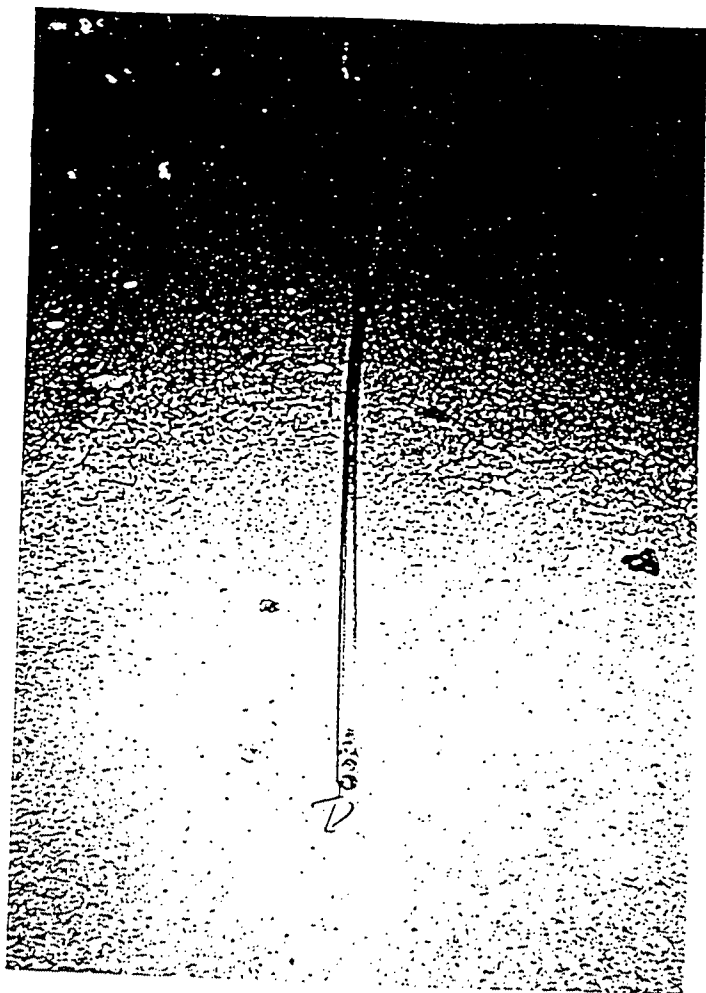
Incident Report  
December 28, 1995  
4801 Toledo Lane  
Louisville, KY 40272  
Page 2

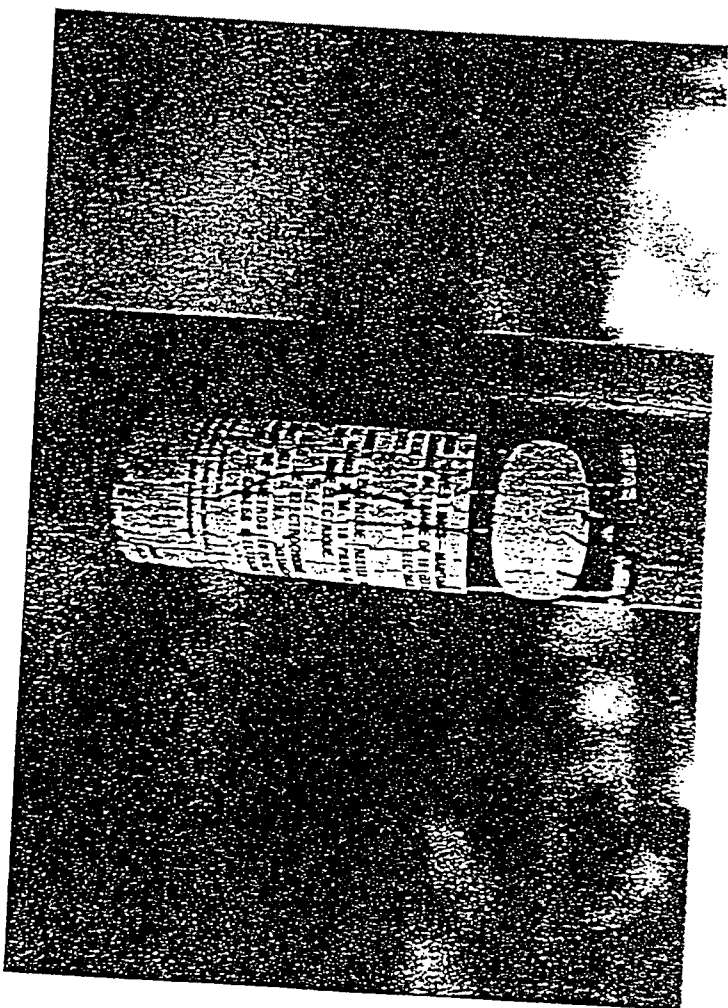
The utility pole was originally installed on December 8, 1955. It was replaced on October 1, 1983. The vertical clearance between communication conductors and supply equipment as measured by Ron Hasch, LG&E Job Coordinator at the scene, was thirty inches. Our measurement indicated a forty-one inch clearance from the lowest conductor energizing the transformer to the TKR cable.

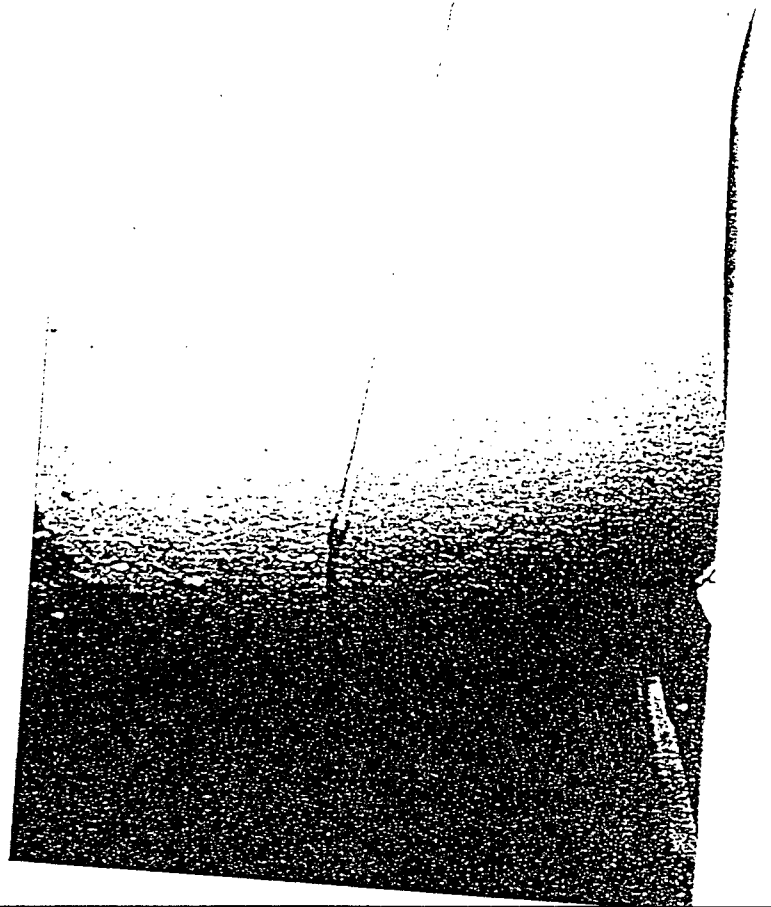
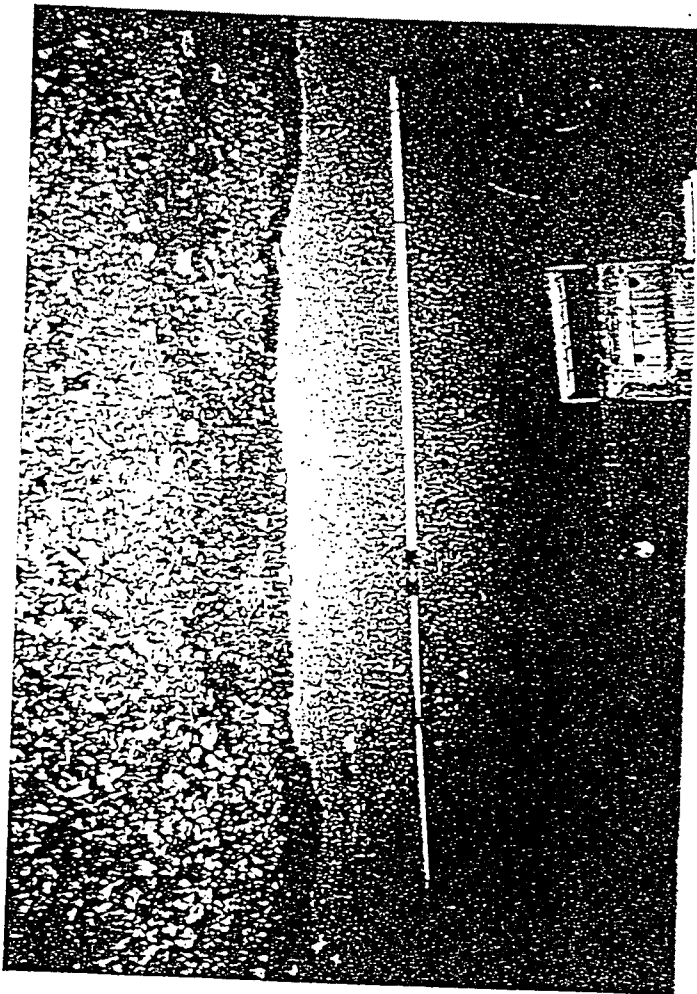
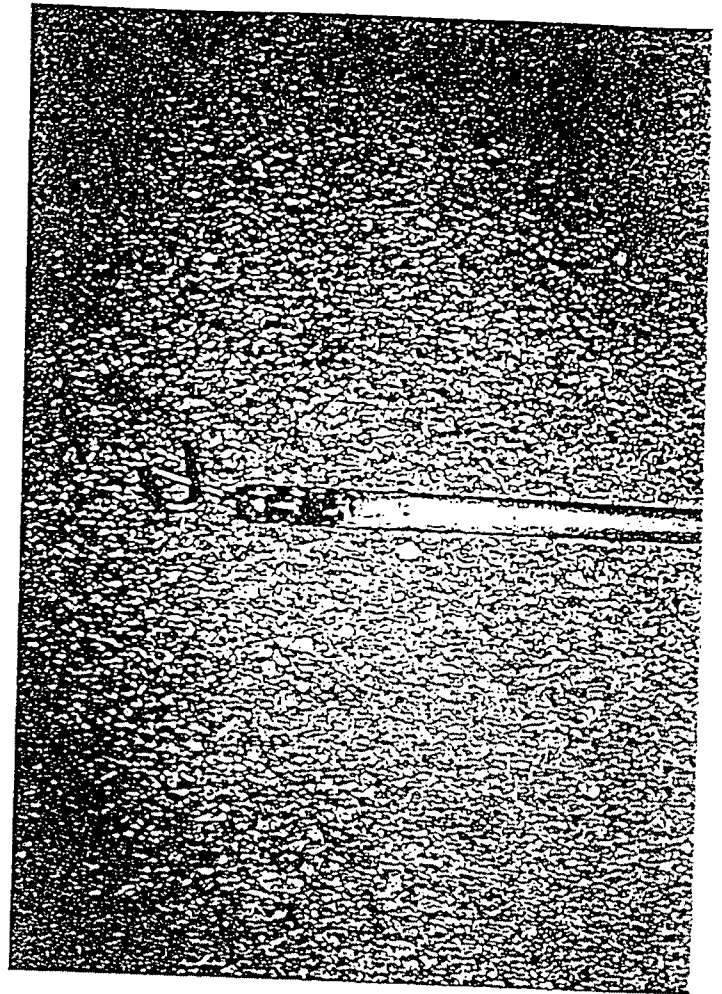
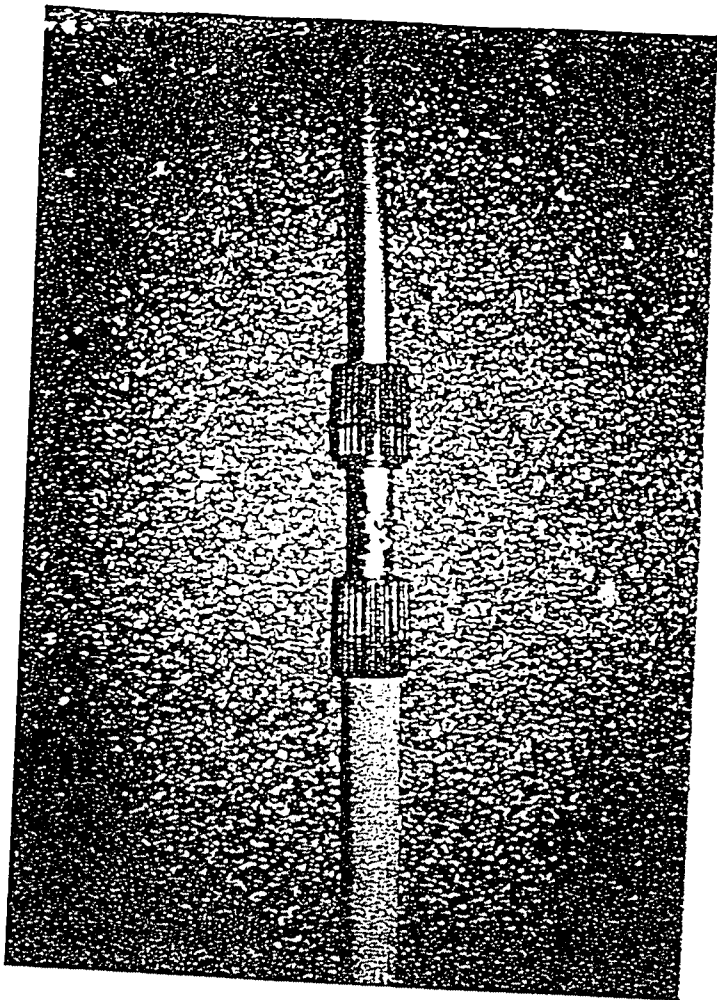
The Public Service Commission was notified by George Siemens at approximately 3:25 p.m. Martha Morton, Manager of the Electrical Branch, was driven to the scene by Mr. Siemens at approximately 6:20 p.m.

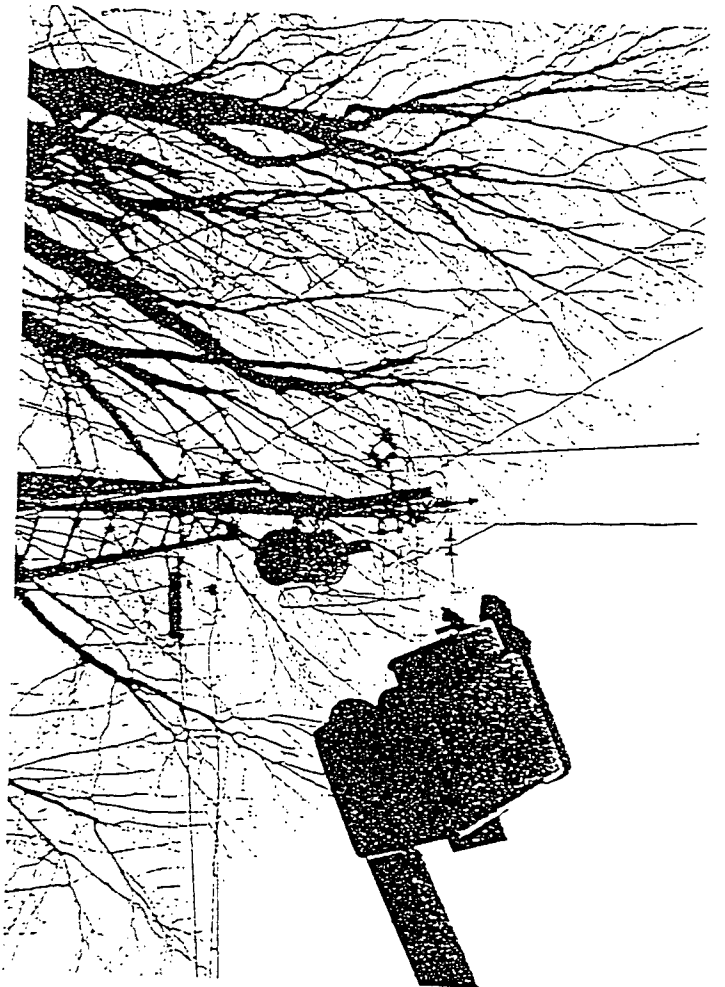
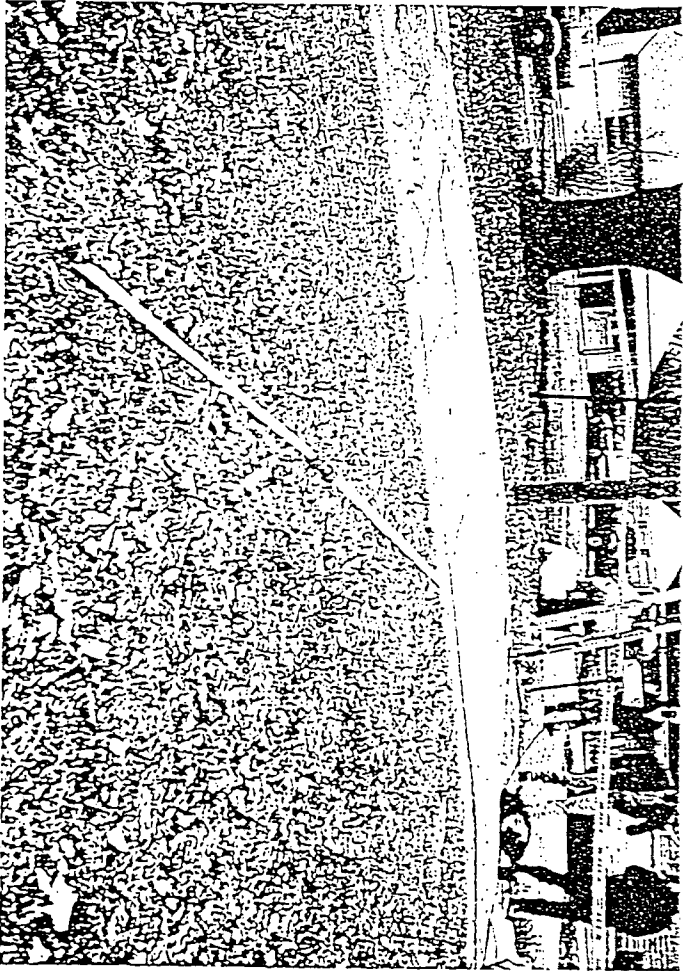
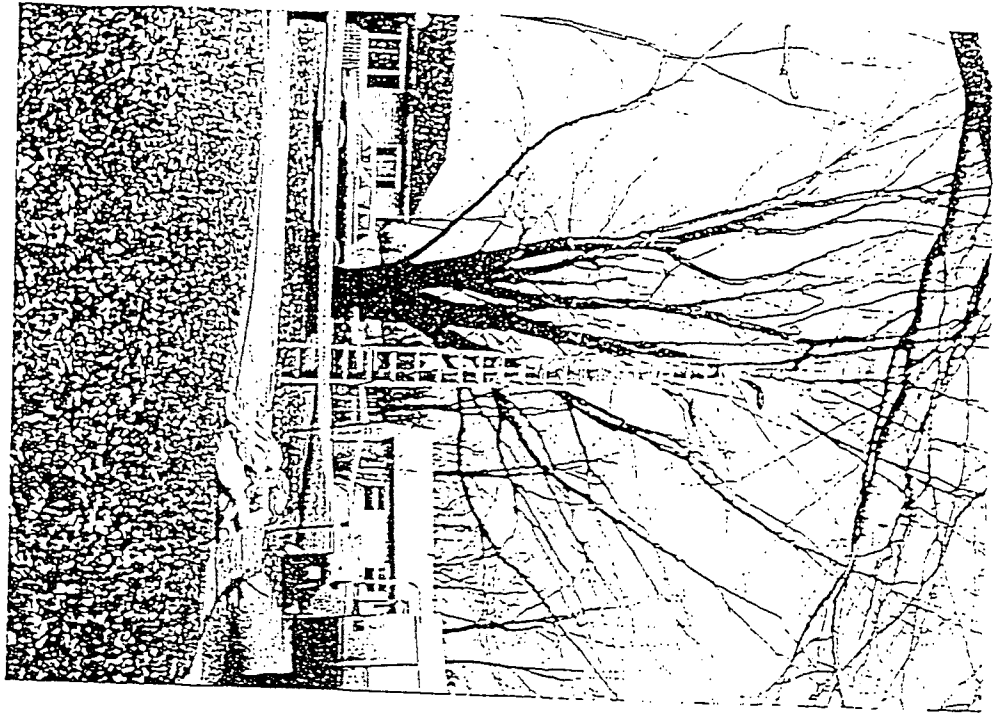
Photographs were taken at the scene.

*ALM*

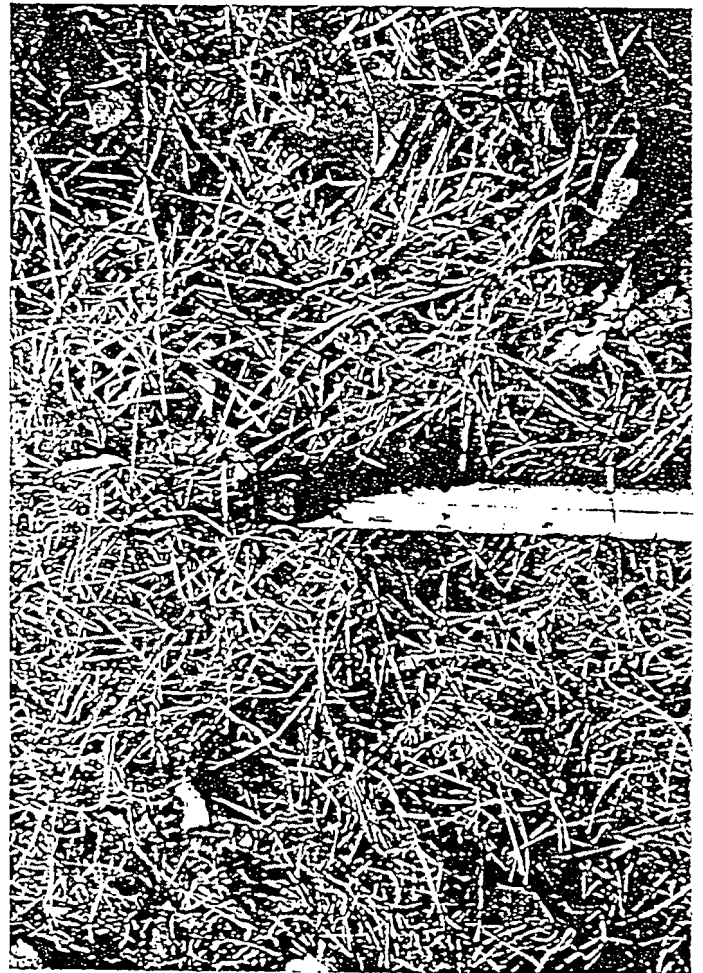
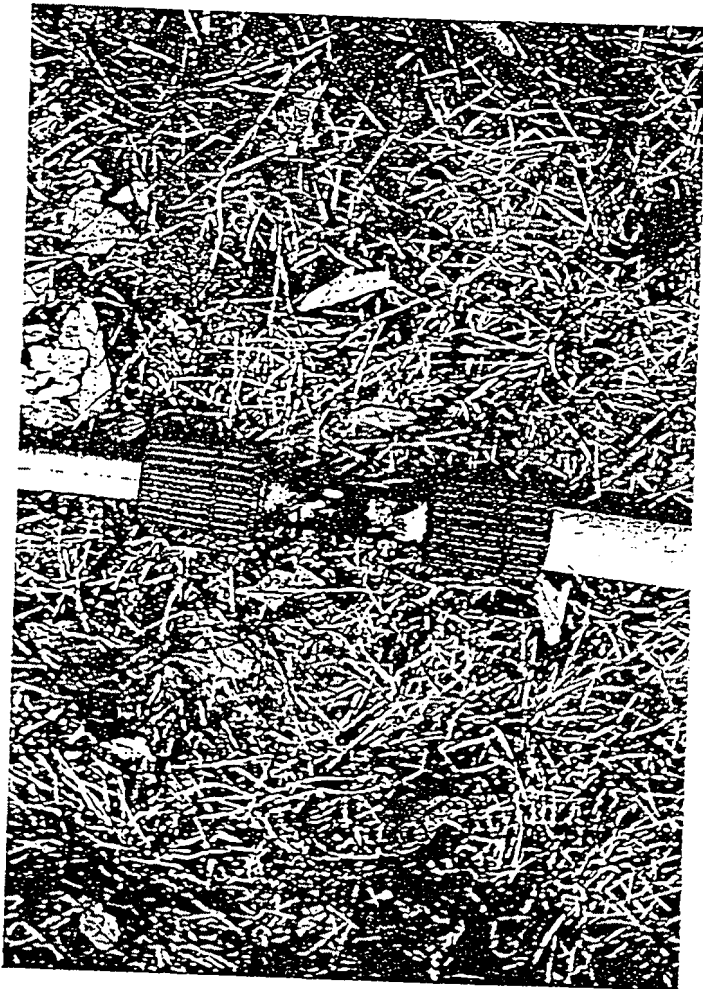
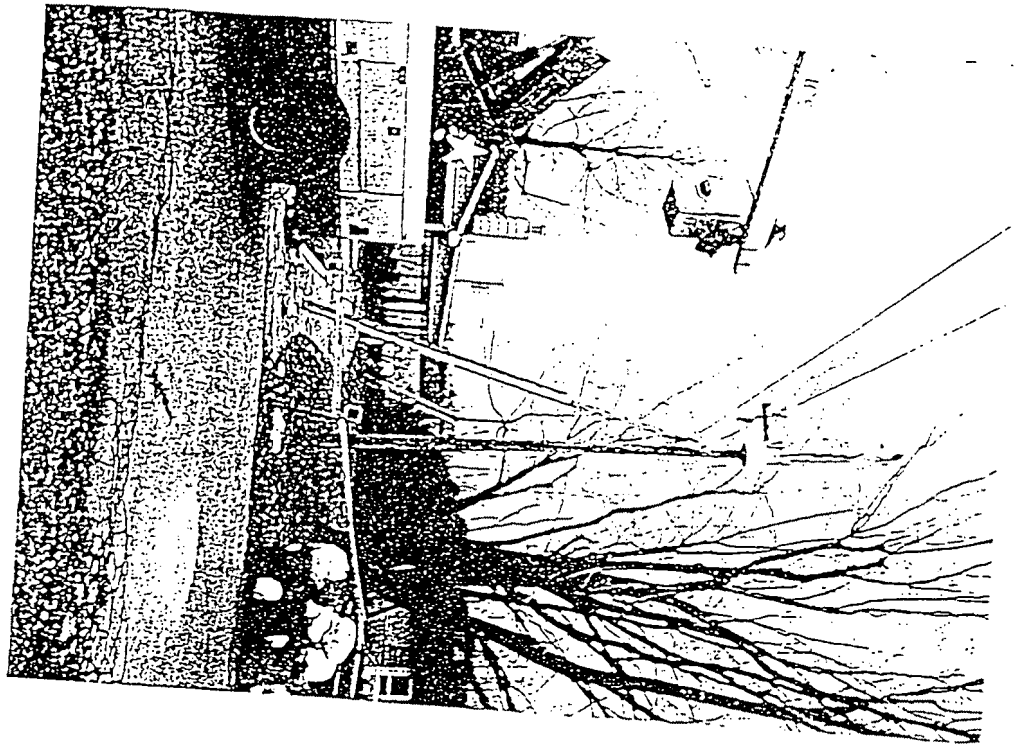


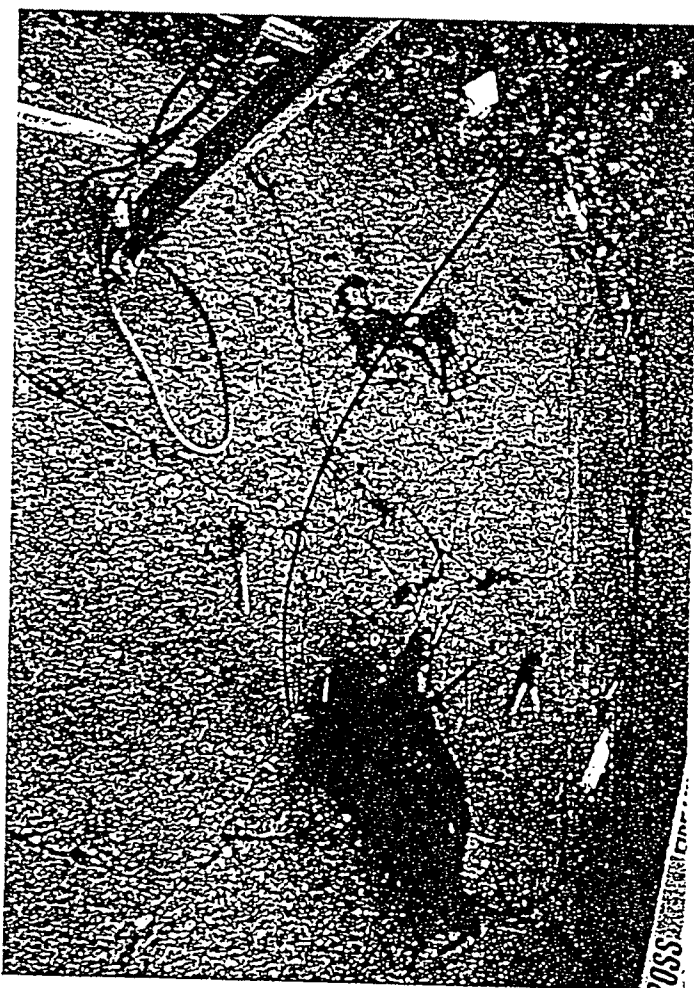
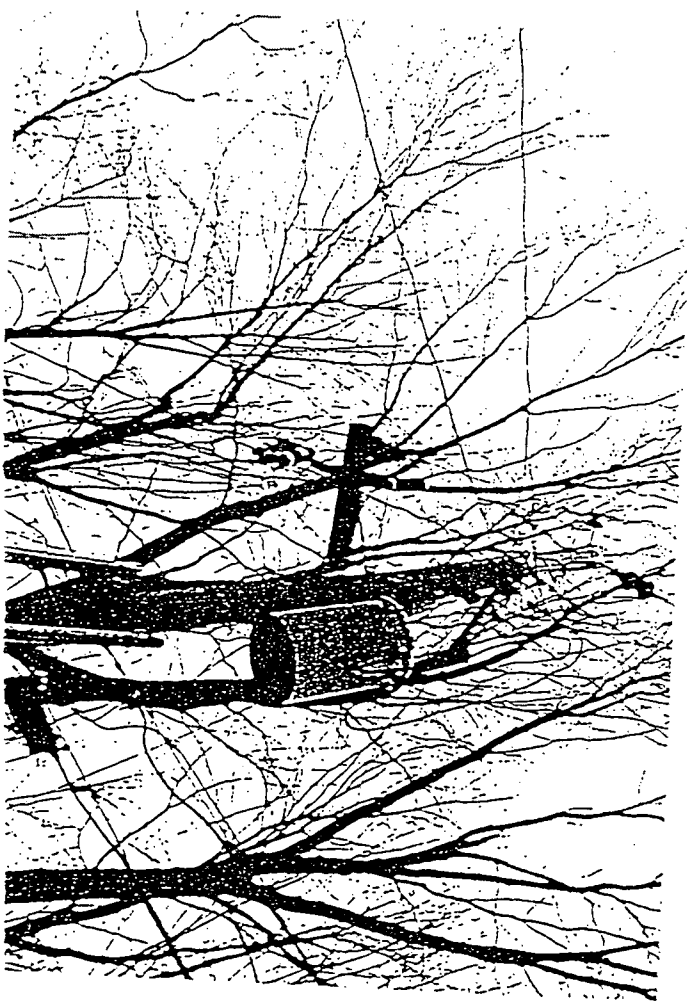
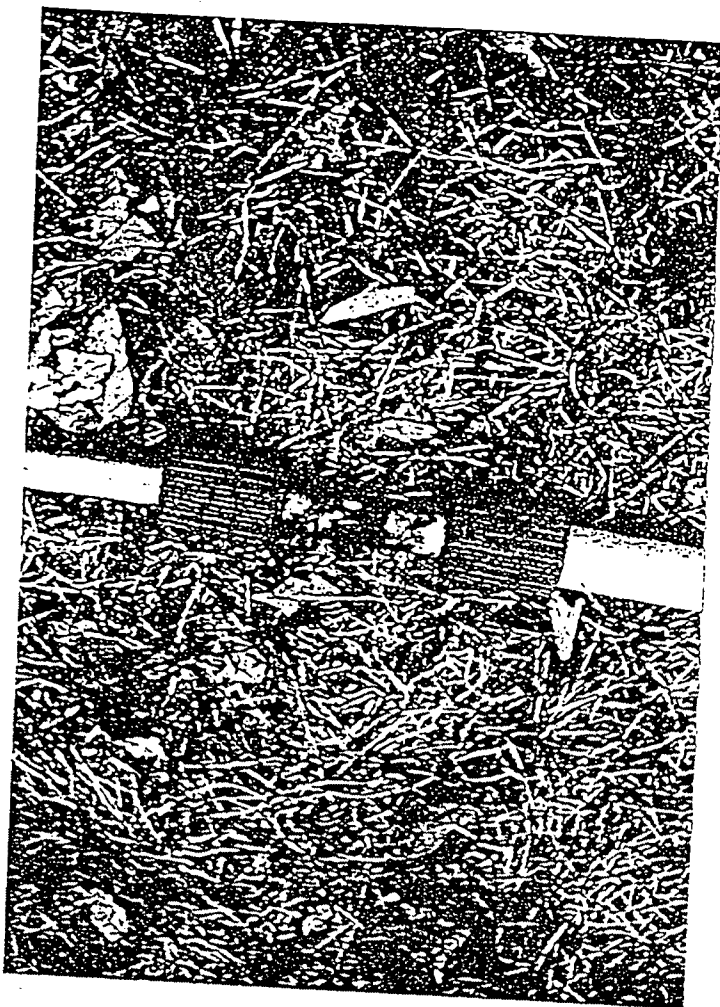
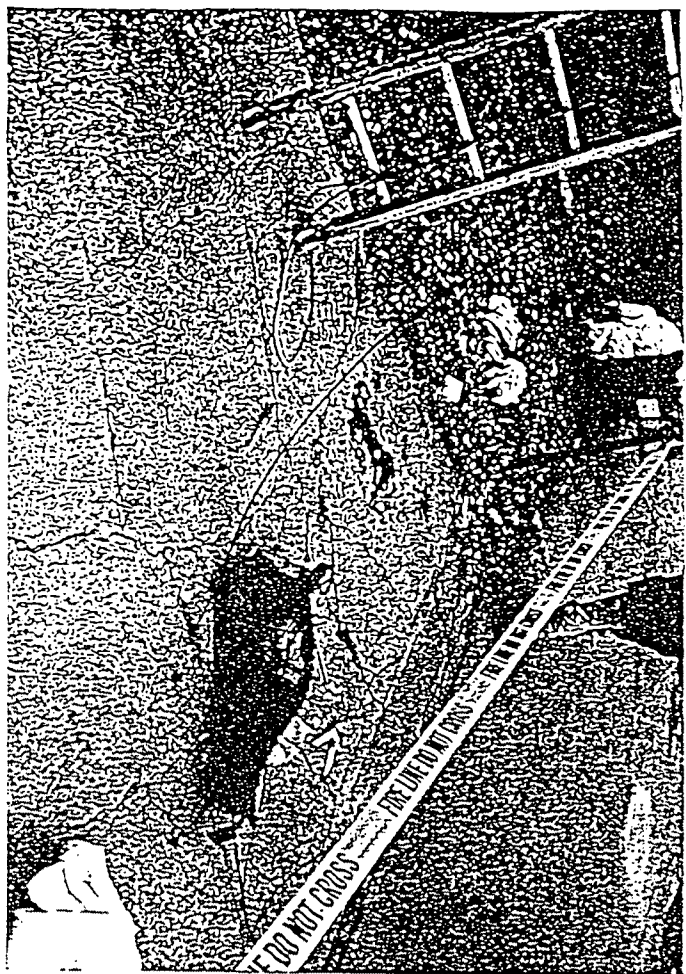




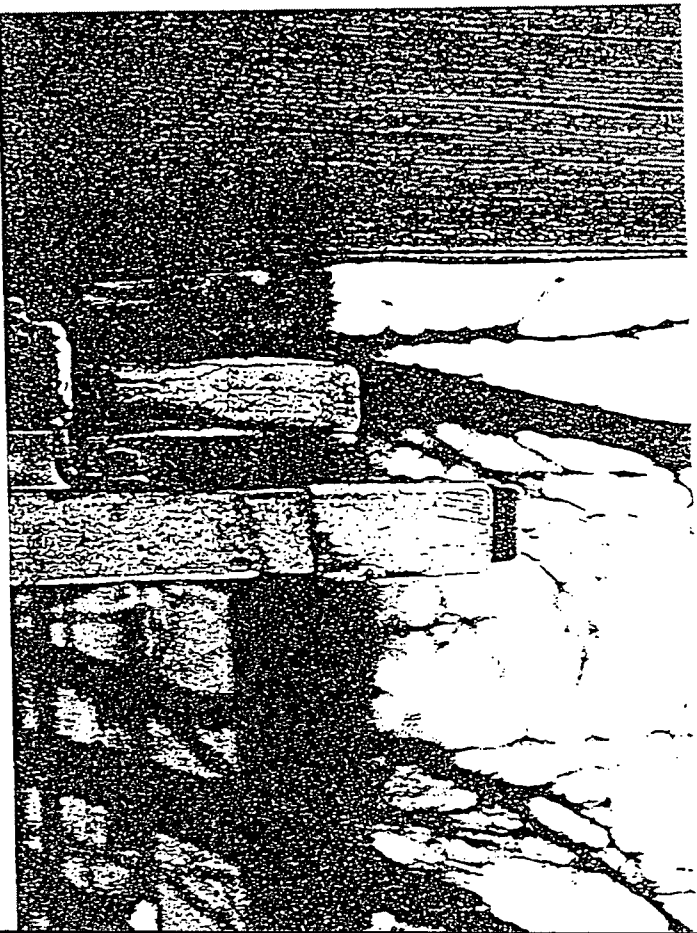
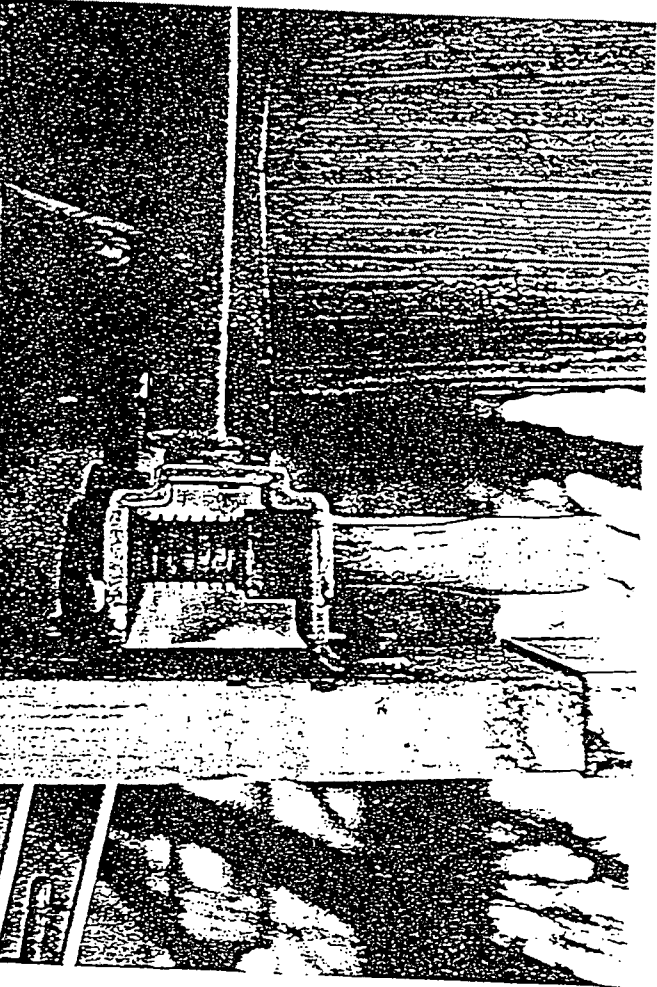
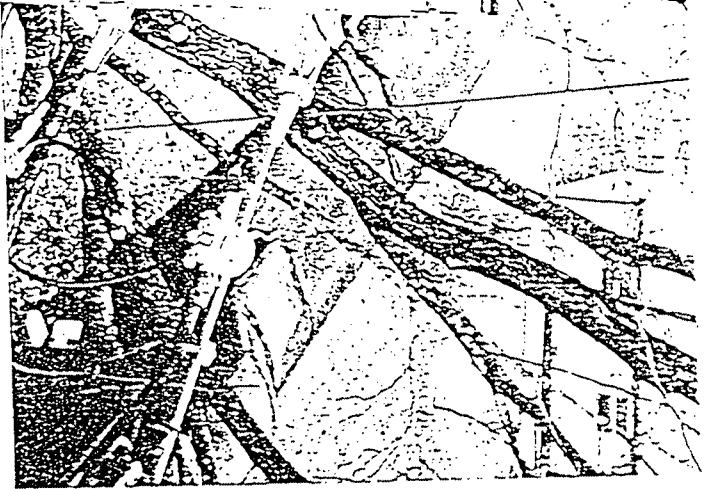
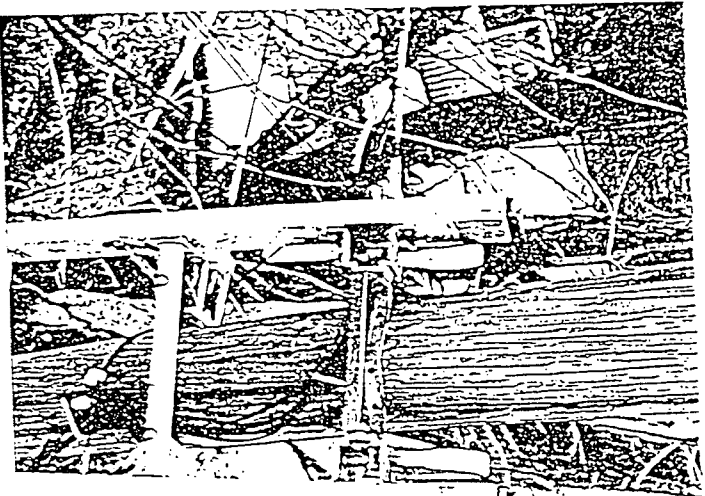
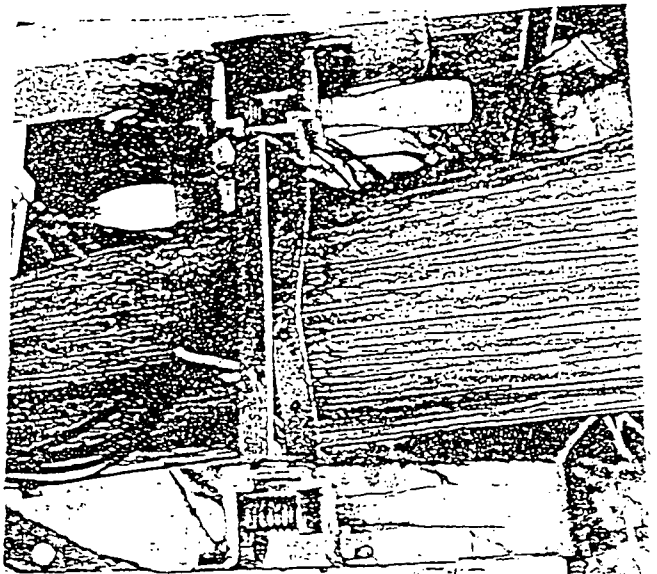


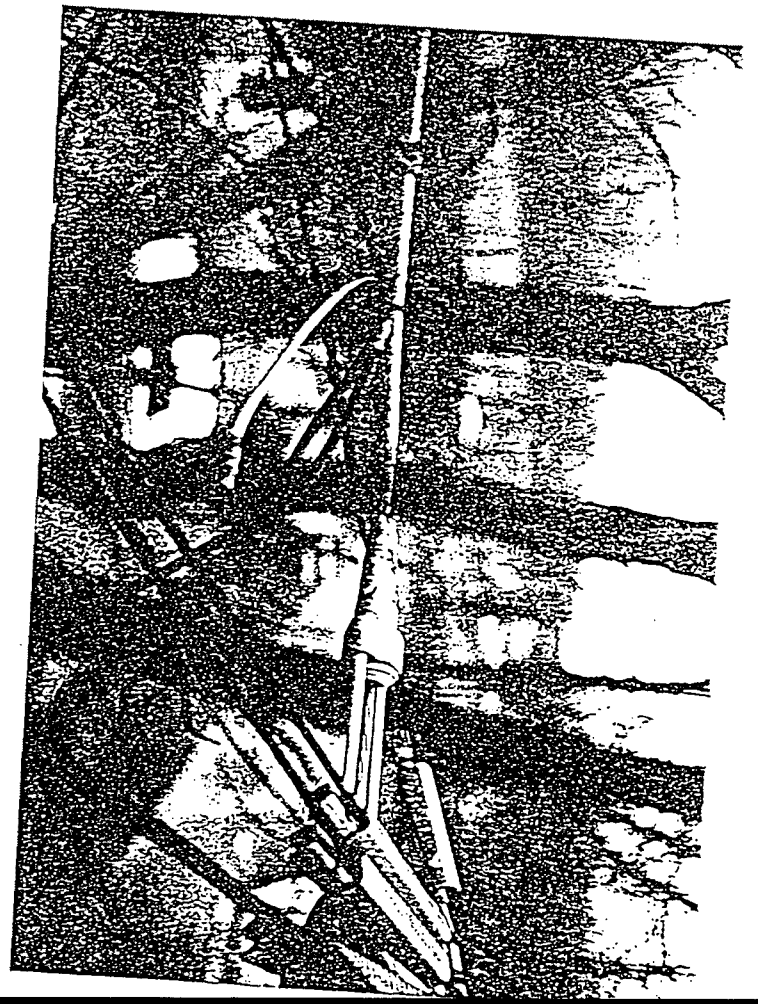
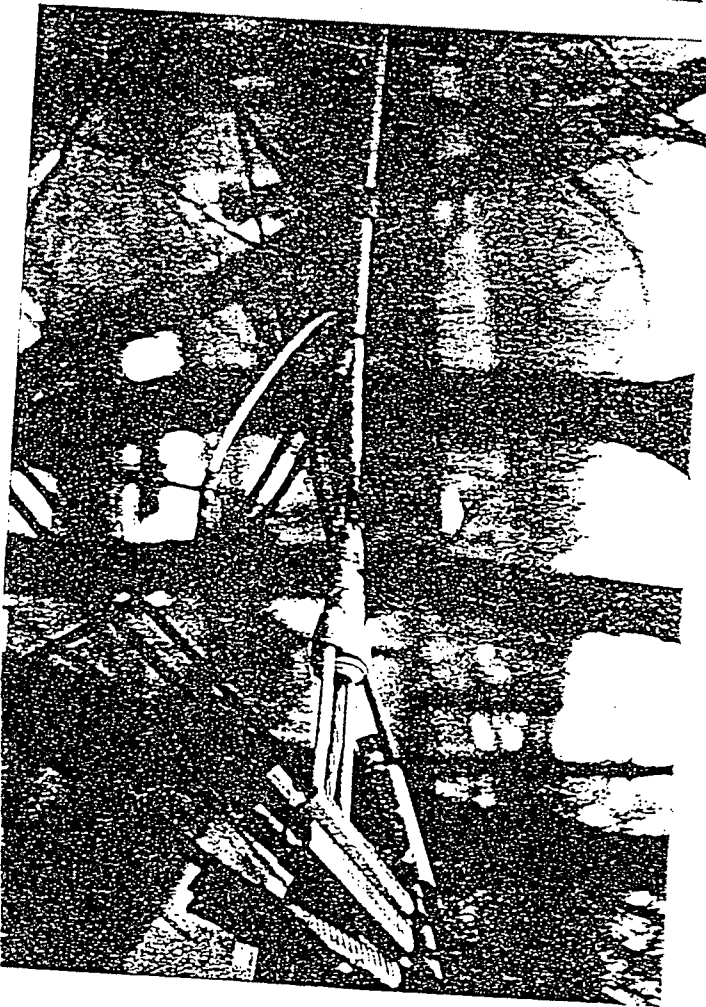
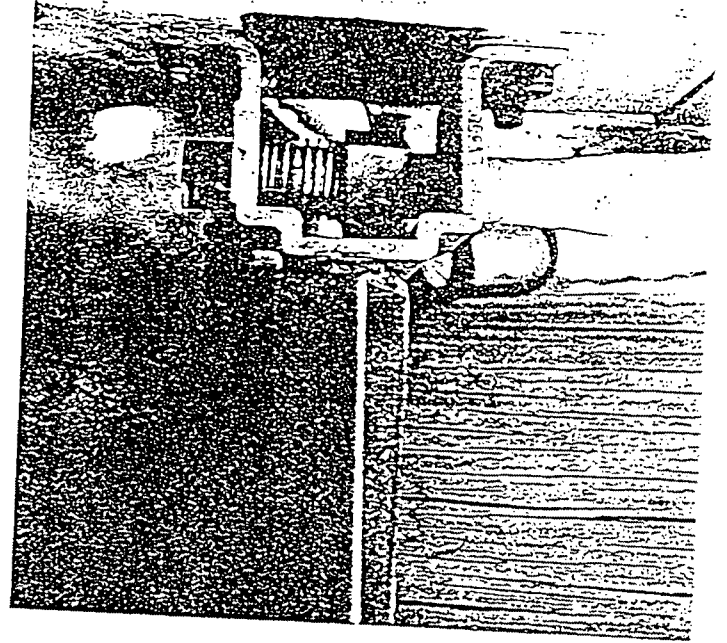
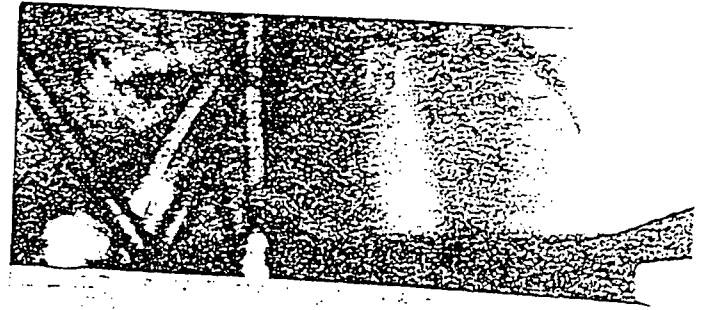
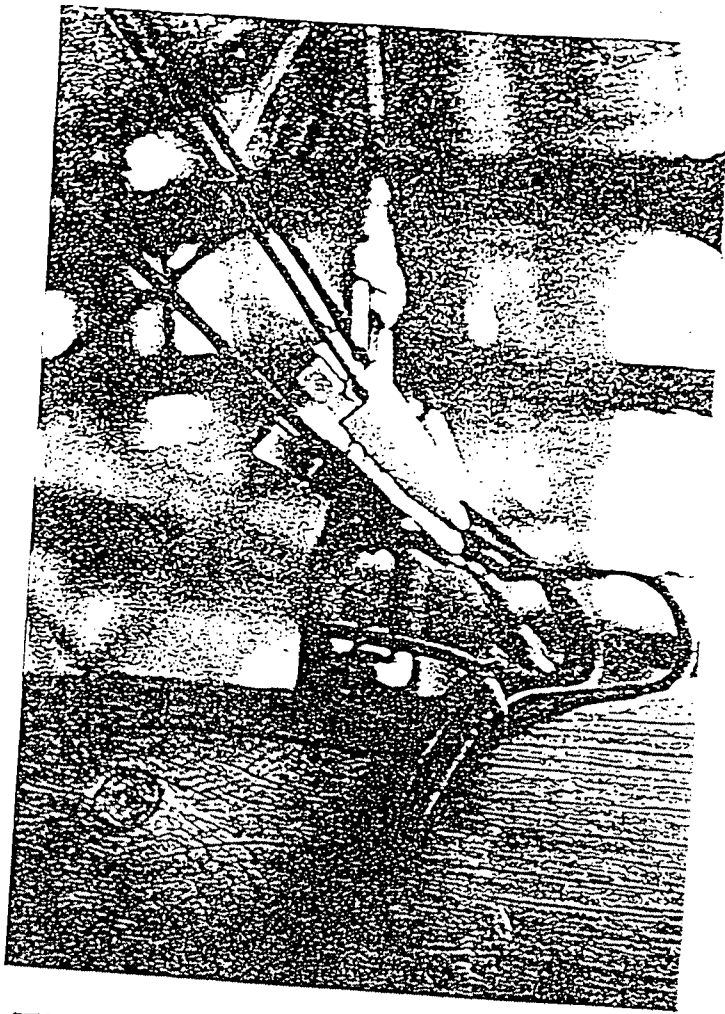


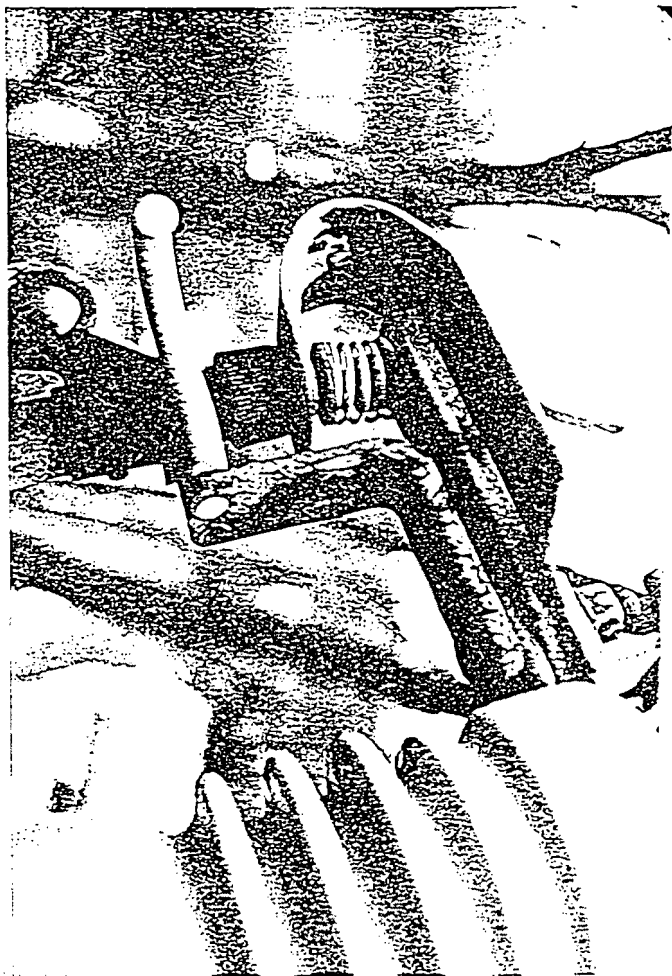
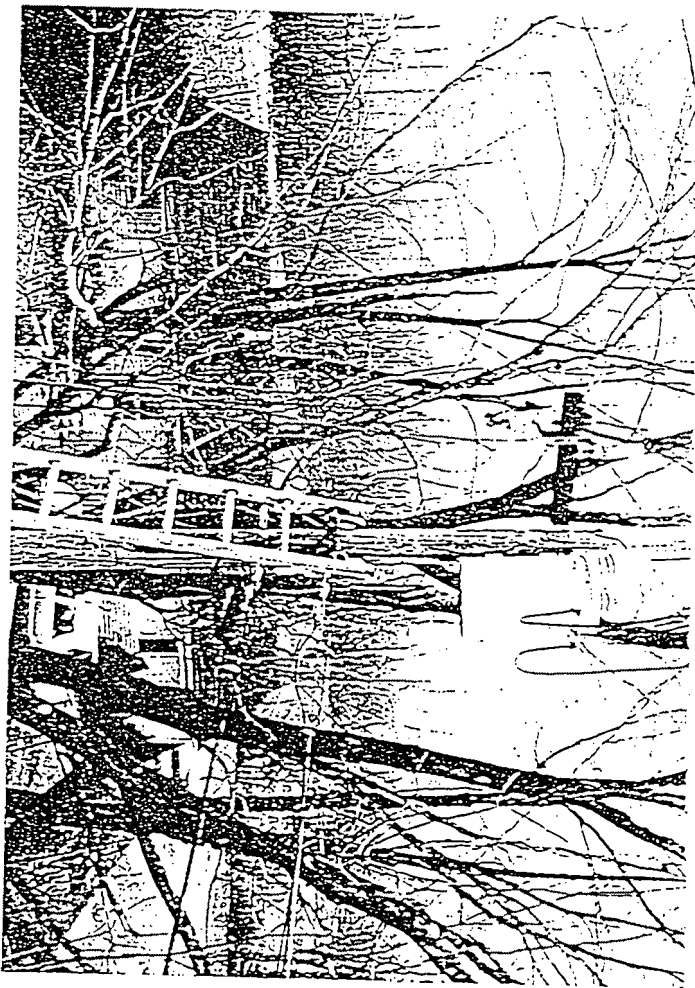


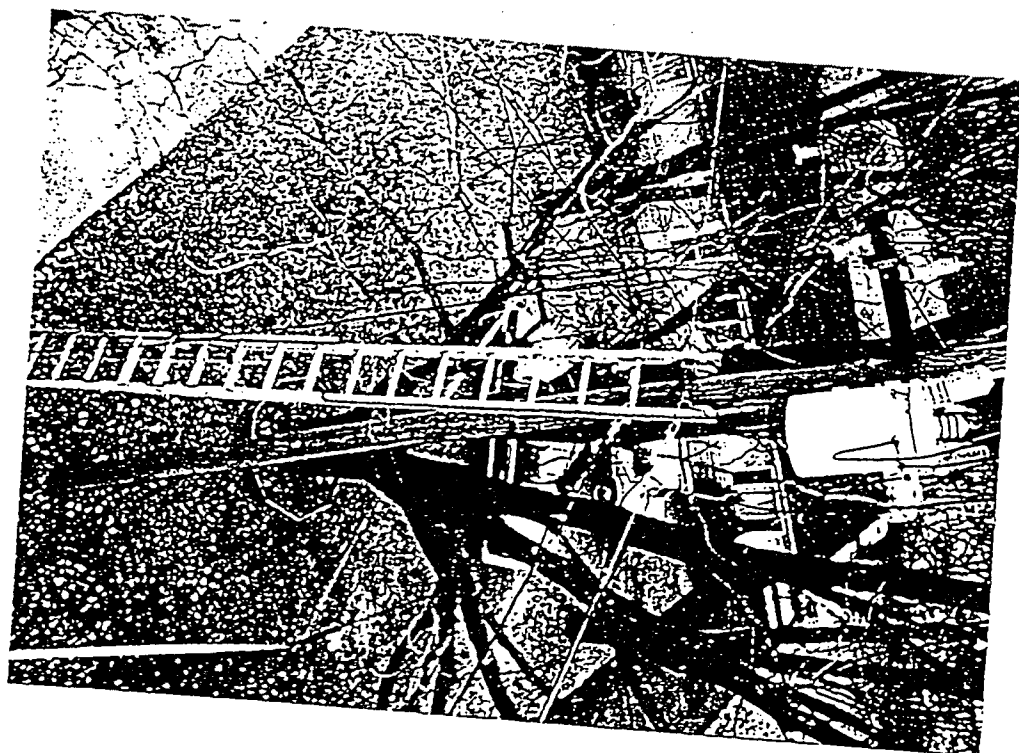










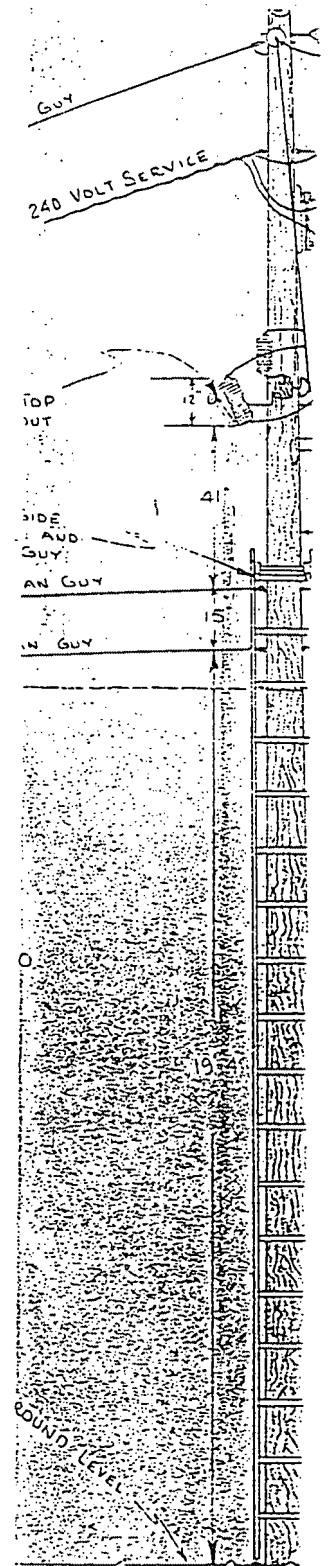
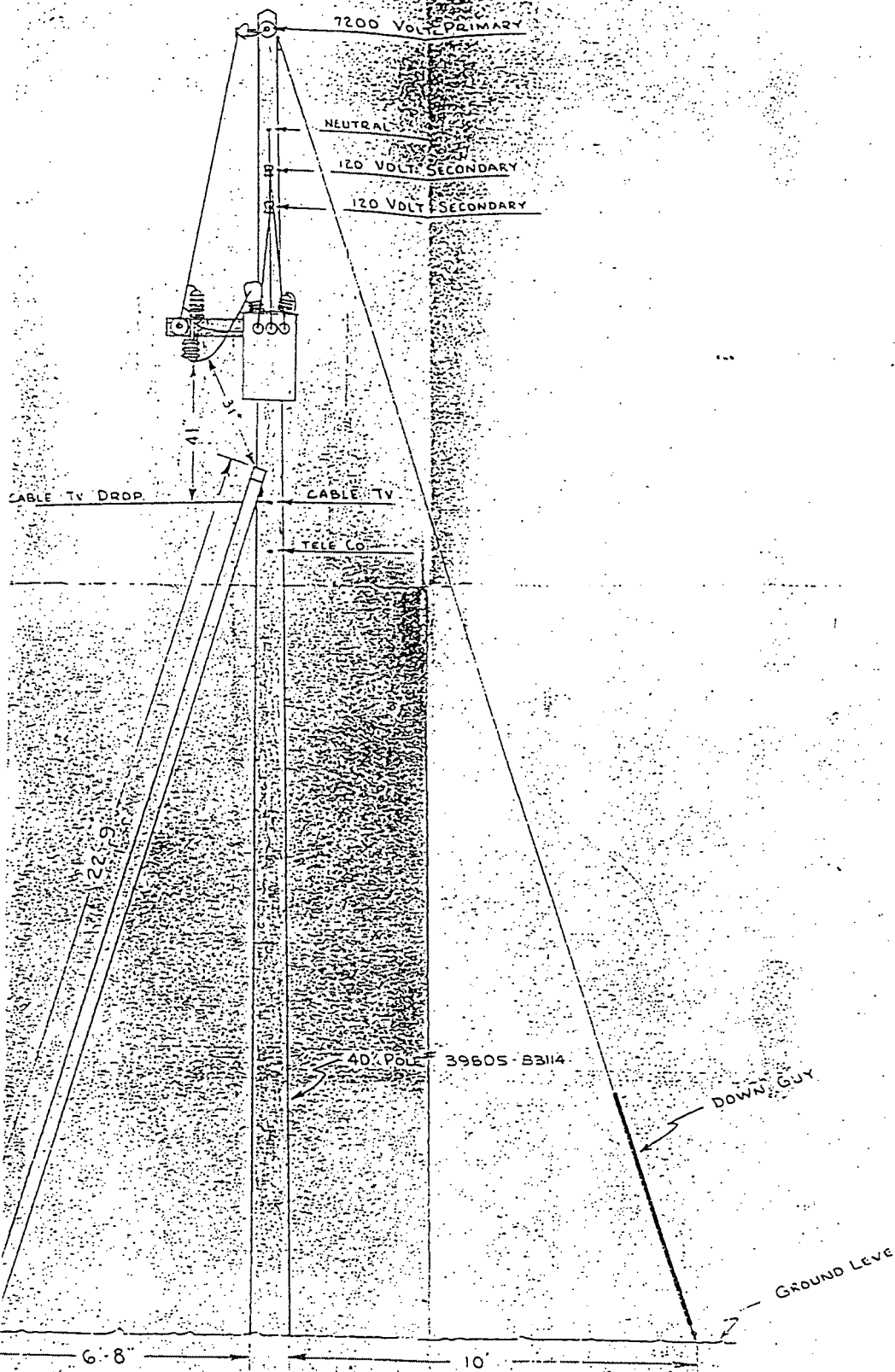


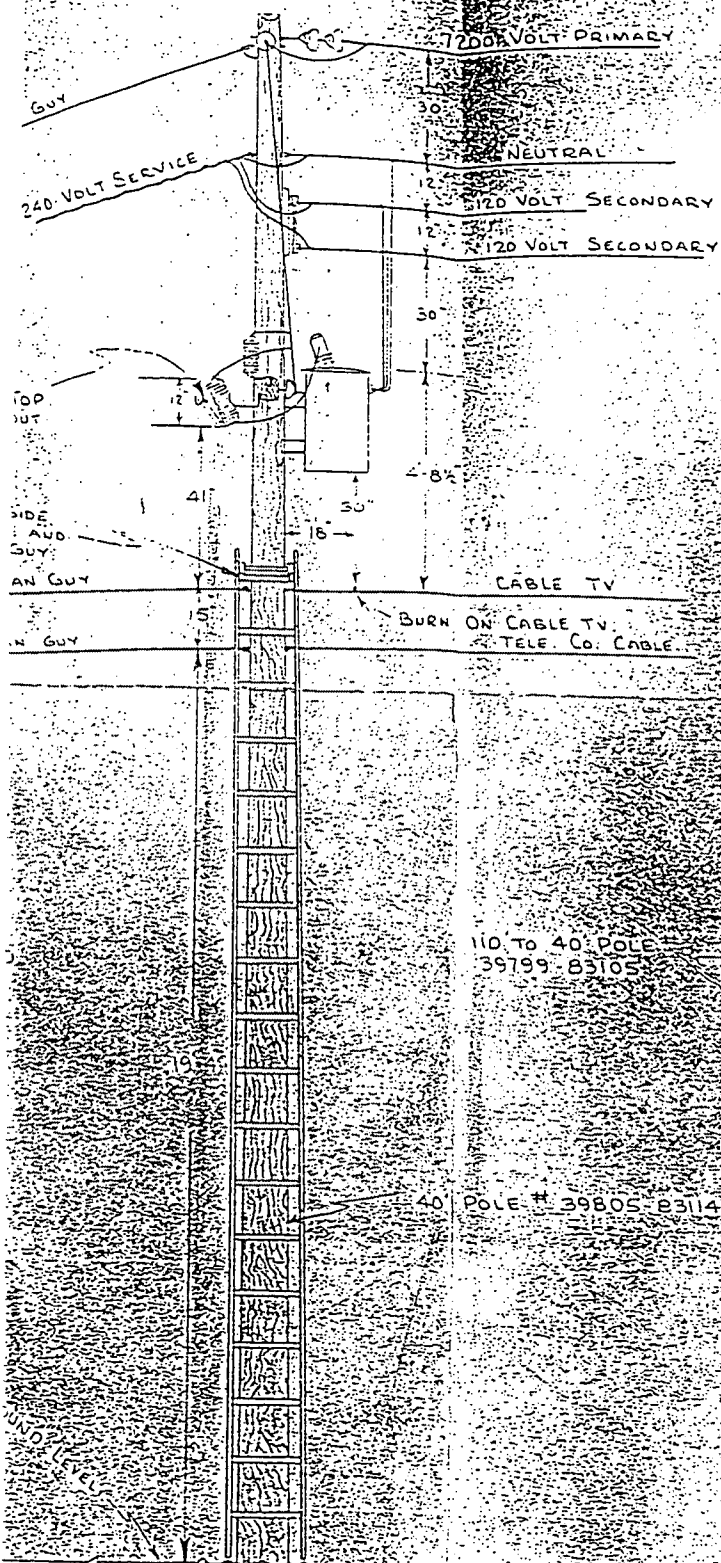
## Attachment D

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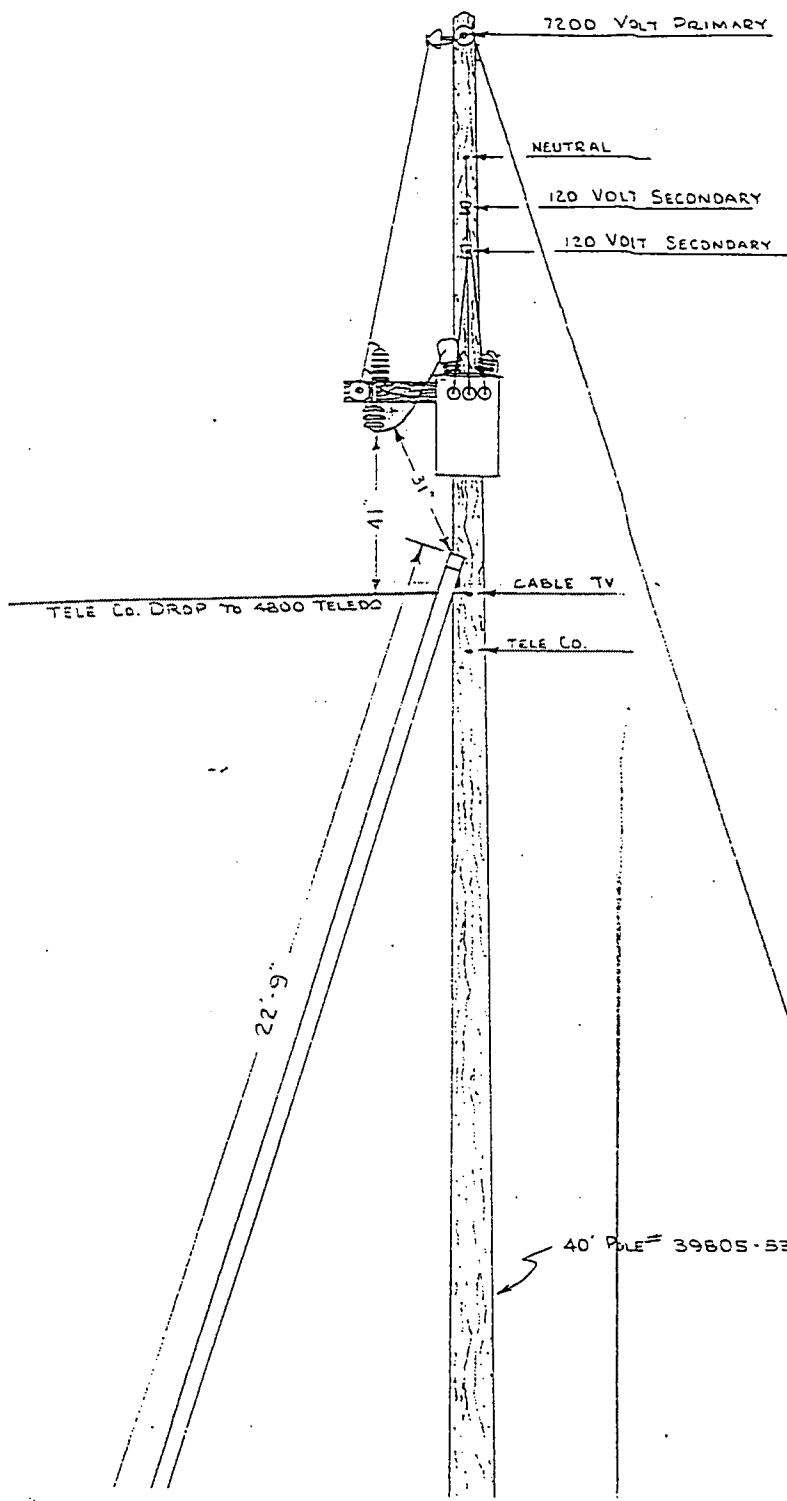
Drawings Provided by LG&E







TELE CO. DROP T



SPAN

BURN'S ON THE  
SIDE OF LUTO:

BURN'S ON BACK S  
OF LADDER HOOKS  
CABLE TV SPAN C

CABLE TV SP

TELE. CO. SPAN

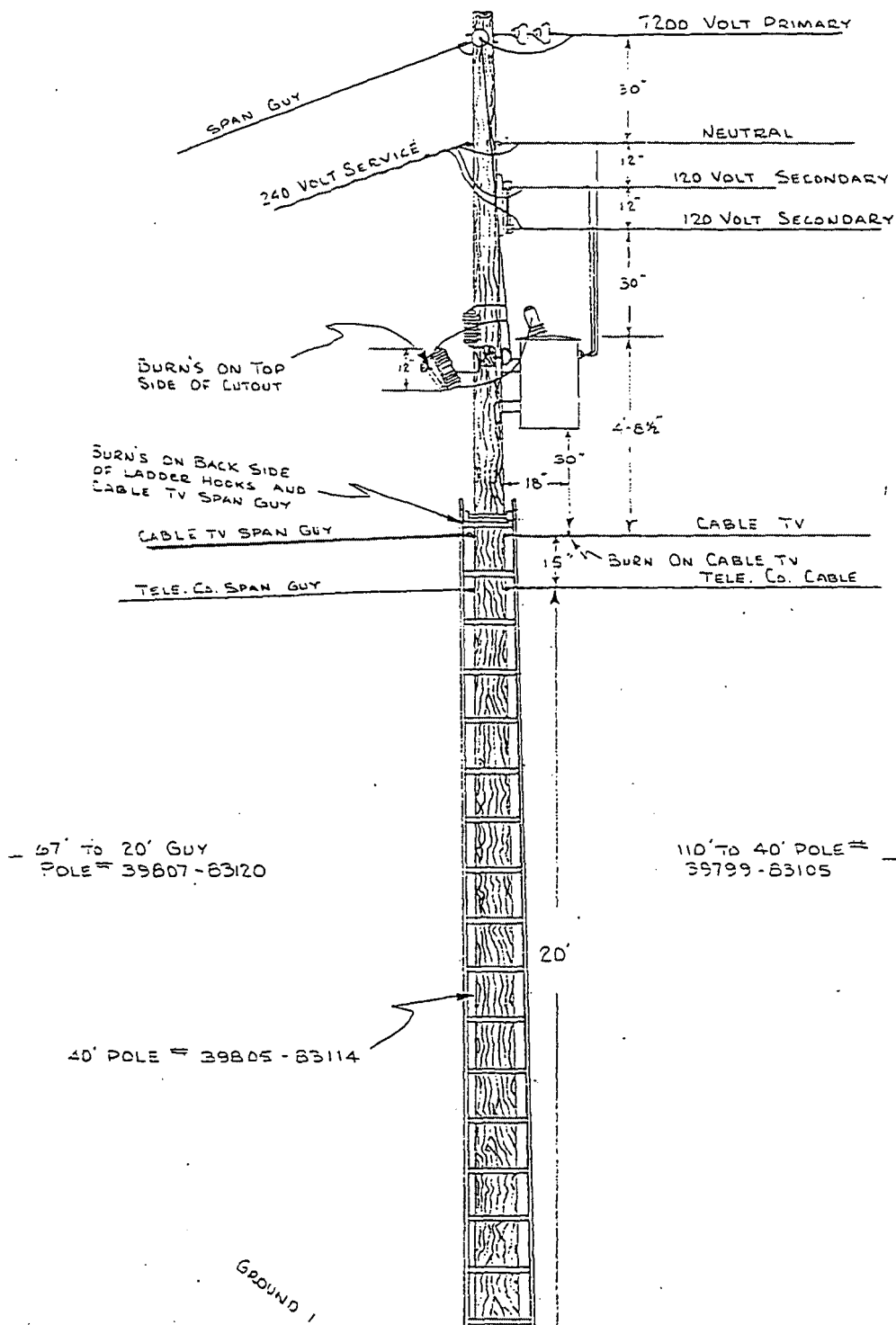
57' TO 20' GUY  
POLE = 39807-8312C

40' POLE = 3980-

40' POLE = 39805-53114

Ge





COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

JUL 19 1996  
PUBLIC SERVICE  
COMMISSION

RECEIVED

In the Matter of:

JUL 19 1996

LOUISVILLE GAS AND ELECTRIC COMPANY )

GENERAL COUNSEL

ALLEGED VIOLATION OF COMMISSION )  
REGULATION 807 KAR 5:041, SECTION 3 )

CASE NO. 96-246

**RESPONSE OF LOUISVILLE GAS AND ELECTRIC COMPANY**

Comes now Louisville Gas and Electric Company ("LG&E") and for its Answer to the Commission's Order of June 11, 1996 in this proceeding states as follows:

1. LG&E admits those facts that appear in numbered paragraphs one, two, three, and five on page two of the Commission's June 11, 1996 Order. With regard to the facts stated in numbered paragraph four on that page, LG&E states that its prior representation to the Commission that the pole was installed on October 1, 1983 is in error, and that the correct date of the installation of the pole is January 10, 1983.

2. For further answer, LG&E accepts for the purpose of this proceeding the accuracy of the relevant measurements recited in the Accident Investigation Report that is appended to the Commission's June 11, 1996 Order ("Report").

3. For further answer, LG&E specifically denies that the facts related in the Commission's Order of June 11, 1996 and the Report support a finding that LG&E has violated either Section 235C or Section 238B of the NESC or 807 KAR 5:041, Section 3.

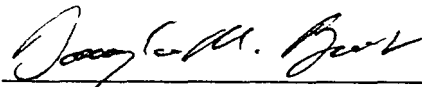
4. For further answer, LG&E states that BellSouth Telecommunications, Inc. ("Bell"), formerly South Central Bell Telephone, installed the telephone drops depicted on Attachment A to

the Report on LG&E's pole after LG&E had installed the cut-out that is also depicted on Attachment A. Therefore, any violations of the NESC and the Commission's regulations caused by the clearance between LG&E's cut-out and Bell's telephone drop were created by the actions of Bell in placing its telephone drop in the manner it did with relation to its distance from LG&E's previously installed cut-out. Furthermore, such actions by Bell could not and did not place LG&E in violation of the NESC or the Commission's regulations.

5. For further answer, LG&E states that, under the Commission's regulations, LG&E, as an owner of utility poles upon which other entities attach their equipment and cables, is not responsible for ensuring the compliance by owners of such attachments with the NESC and the Commission's regulations. *See, Findings of Fact and Conclusions of Law and Judgment, Kentucky Utilities Co. v Public Service Commission, Franklin Circuit Court, Civil Action No. 91-CI-001036 (September 25, 1992).*

WHEREFORE, Louisville Gas and Electric Company respectfully requests that the Commission enter its Order dismissing its Order of June 11, 1996 and closing this docket.

Respectfully submitted,



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Louisville, Kentucky 40232  
(502) 627-2557  
**Counsel for Louisville Gas and Electric Company**