COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

LOUISVILLE GAS AND ELECTRIC COMPANY	)	
	)	CASE NO. 2009-00210
	)	
ALLEGED FAILURE TO COMPLY WITH KRS 278.042	)	
	)	

O R D E R

Louisville Gas and Electric Company ("LG&E") is a corporation engaged in the generation and distribution of electricity for compensation for lights, heat, power, and other uses. It is subject to the jurisdiction of the Commission.[1] Pursuant to KRS 278.042, the Commission shall prescribe the service adequacy and safety standards for electric utilities, as stated in the Commission's administrative regulations and in the most recent edition of the National Electrical Safety Code ("NESC"). Under KRS 278.042, the Commission requires utilities to construct and maintain plants and facilities in accordance with engineering practices set forth in the NESC.

Commission Staff submitted to the Commission an Electric Utility Incident Report ("Report") dated April 29, 2009 and attached hereto as the Appendix. The Report alleges that, on February 1, 2009, in Louisville, Jefferson County, Kentucky, Mark McCoy was injured while attempting to install a fuse door into an energized cut-out without wearing protective gloves.

[1] See KRS 278.010(3)(a).

LG&E had employed C.W. Wright Construction Company ("Wright Construction") as a contractor to assist in the cleanup and restoration efforts as a result of the damage caused by the ice storms occurring in late January of 2009. Mr. McCoy was employed by Wright Construction as a line technician first class. Mr. McCoy was part of the crew that worked on clearing damaged services on a 7,200-volt, single-phase circuit behind a residence located at 3309 Natchez Lane in Louisville.

At the time of the accident, Mr. McCoy was near the top of a utility pole removing damaged services and clearing any unsafe conditions. While working on the pole, Mr. McCoy attempted to close the fuse door of a cut-out by hand. Mr. McCoy was not wearing a protective glove at the time. Unbeknownst to Mr. McCoy, the single-phase, 7,200-volt line was still energized. As a result, Mr. McCoy sustained a shock and first- and second-degree flash burns to his right hand and forearm as well as to the right side of his neck and face.

The Report noted five possible violations of KRS 278.042. All alleged violations arise under the 2007 edition of the NESC. The alleged violations are as follows:

1. NESC Section 42, Rule 420.C.3, by the employee's failure while working in the vicinity of energized lines to consider all the effects of his actions and to take into account his own safety, the safety of other employees, the property of others, and the public in general.

2. NESC Section 42, Rule 420.D, by the employee's failure to consider electric supply equipment and lines to be energized, unless they are positively known to be de-energized. Before starting work, an employee shall perform preliminary

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

3. NESC Section 42, Rule 420.H, by the employee's failure to use the personal protective equipment, protective devices, and the special tools provided for the work.

4. NESC Section 42, Rule 421.A, by the supervisor's failure to adopt such precautions as are within the individual's authority to prevent accidents and see that the safety rules and operating procedures are observed by the employee under the direction of the supervisor.

5. NESC Section 44, Rule 441.A.1, by the employee's failure to maintain the requisite minimum approach distance to live parts.

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

1. LG&E shall file with the Commission, within 20 days of the date of this Order, a written response to the allegations contained in the Report.

2. LG&E shall appear on September 8, 2009 at 10:00 a.m., Eastern Daylight Time, in Hearing Room 1 of the Commission's offices at 211 Sower Boulevard, Frankfort, Kentucky to present evidence concerning the incident that is the subject of the Report. Specifically, LG&E shall present evidence as to the five alleged violations of KRS 278.042 and the NESC and shall show cause why it should not be subject to the penalties of KRS 278.990 for the alleged violations.

3. The Report attached hereto as the Appendix is made a part of the record in this case.

4. Any request for informal conference with Commission Staff shall be set forth in writing and filed with the Commission within 20 days of the date of this Order.

By the Commission

ENTERED
JUN 19 2009
KENTUCKY PUBLIC
SERVICE COMMISSION

ATTEST:

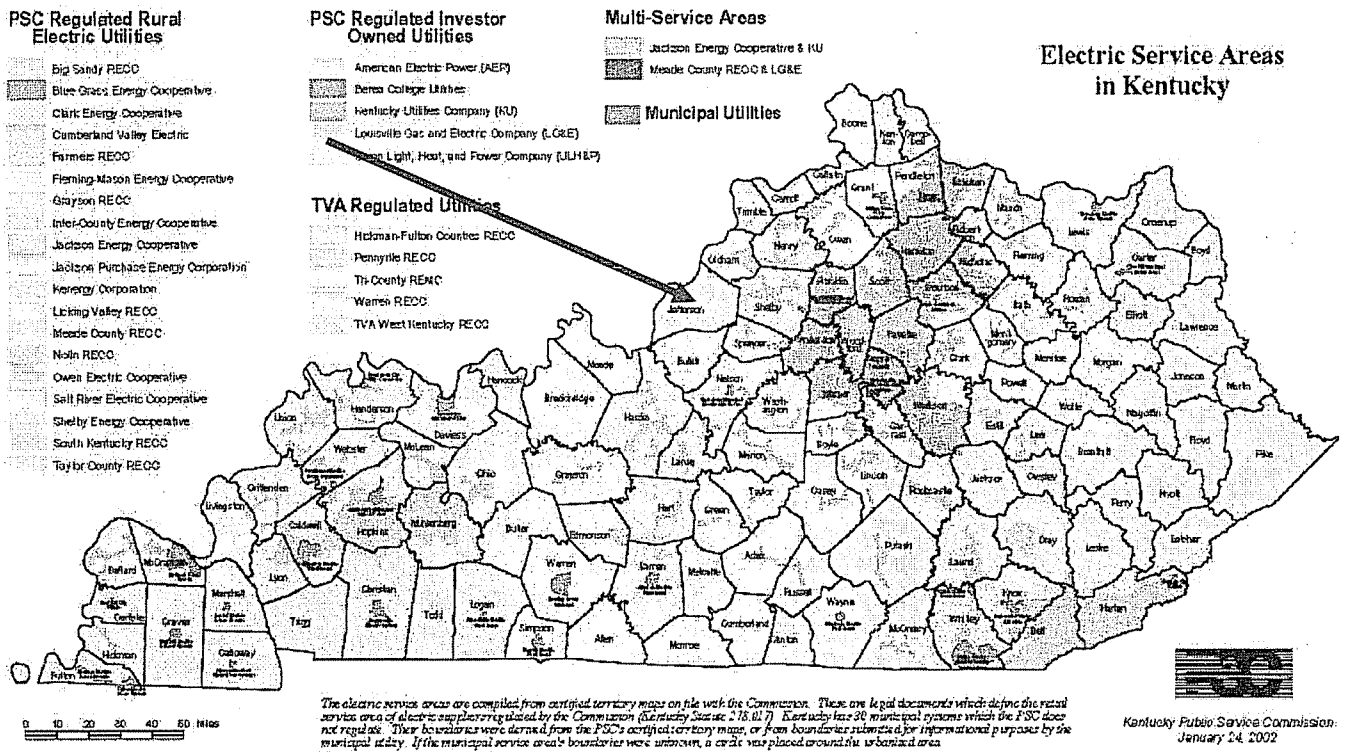
Executive Director

APPENDIX

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2009-00210 DATED JUN 19 2009

INCIDENT INVESTIGATION ~ Staff Report

Incident Location ~ 3309 Natchez Lane, Louisville, KY
Report Date ~ 4/29/2009
Incident Date ~ 2/1/2009
PSC Investigator ~ Jeff Moore
Utility ~ LG&E
Injured ~ Mark McCoy



Kentucky Public Service Commission

Electric Utility Incident Report

Utility:	LG&E Contractor C.W. Wright Construction	
Reported By:	Ken Sheridan, Manager of Safety and Technical training – Energy Delivery	
Incident Occurred	2/1/2009	Approximately: 4:10 PM
Utility Notified:	2/1/2009	Approximately: 5:02 PM
PSC Notified:	2/1/2009	Approximately: 6:15 PM
PSC Investigated:	2/2/2009	Approximately: 1:30 PM
Incident Location:	3309 Natchez Lane Louisville, Kentucky 40206	
Incident Description:	On February 1, 2009 at 6:15 PM LG&E notified the Public Service Commission that an employee with C. W. Wright Construction Company made contact with energized equipment. The employee injured (Mark McCoy) was working during the ice storm restoration for LG&E as part of the out-of-state assistance. Mr. McCoy was working with this crew clearing damaged services on this 7200 volt, single phase circuit. Mr. McCoy was climbing on the pole behind 3309 Natchez Lane to remove damaged services and clear any unsafe conditions (see photos 1, 2, 6, and 9 in Attachment C). According to the investigation report from LG&E, Mr. McCoy, while working on the pole, attempted to close the fused door of the energized cut-out by hand (see photo 5 in Attachment C), causing shock and burns to the right hand, right forearm, and the right side of his neck and face. The crew at the job site performed a pole top rescue, and lowered Mr. McCoy to the ground when EMS arrived. Mr. McCoy was transported to the University of Louisville Hospital, and was conscious and alert. The foreman of the crew (Jamie Weaver) commented that he assumed the line was de-energized while watching Mr. McCoy close the fused door by hand. Another employee (Jonny Crider) also witnessed Mr. McCoy attempt to close the fused door on the cut-out. Mr. Weaver stated that he had walked the circuit to identify the damages, and checked the re-closer that fed the 7200 volt single phase line. He had noticed the cut-out door was open at the re-closer pole (see photos 15 – 22 in Attachment C). In his statement, Mr. Weaver thought the line was de-energized because the fuse door on the cut-out was open at the re-closer. Further investigation of the workers at the job site found that they felt the line was de-energized, but had not been tested and grounded. C.W. Wright Construction Company informed LG&E they require its employees to wear personal protective equipment (PPE) while working on or near primary electric. According to C.W. Wright Management, Mr. McCoy suffered first and second degree burns, and he is improving during his recovery.	

Kentucky Public Service Commission

Electric Utility Incident Report

Victim:	Name		Address	Employer
	Mark McCoy		Unknown	C.W. Wright Construction
	Fatality	Age		
	No	31		
	Injury:	Shock and flash burns to right hand and forearm, also the right side of his face and neck.		
Witnesses:	See Attachment A, LG&E Incident Report			
Probable Violation:	See Attachment B, Cited Violations			

Utility Investigator	Jeff Moore	PSC Engineering Staff Electric Branch
Signed:	Jeffrey C Moore	Date: 4-29-2009
Manager	John Shupp	PSC Engineering Staff Electric Branch
Signed:	John V. Shupp	Date: 4/29/09

Attachments:
- A. Utility Incident Report
- B. Cited Violations
- C. PSC Photographs
- D. Utility Photographs

Kentucky Public Service Commission

Electric Utility Incident Report

Attachment A

Utility Incident Report

an e·on company

RECEIVED
FEB 09 2009
PUBLIC SERVICE COMMISSION

Louisville Gas and Electric Company
Corporate Law
220 W. Main Street
Louisville, Kentucky 40202
www.eon-us.com

Jim Dimas
Senior Corporate Attorney
T 502-627-3712
F 502-627-3367
jim.dimas@eon-us.com

Mr. John Shupp
Manager Electrical Branch
Division of Engineering
Kentucky Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, KY 40602

February 6, 2009

Re: Ice Storm/Contractor Employee Injury
3309 Natchez Lane
Louisville, Kentucky

Dear Mr. Shupp:

I am forwarding the attached Investigation Report prepared by Keith McBride regarding the incident that occurred in Radcliff, Kentucky on the Northeast corner of Dixie and Park Avenue. This report is being submitted as required by Section 26 of 807 KAR 5:006. Please return in enclosed self addressed stamped envelope a copy of the stamped filed report.

If you need additional information concerning this incident, please contact me at (502) 627-3712 so I can direct your request to the appropriate person.

Sincerely,

Jim Dimas

JD/blb

Enclosures

KPSC EXTERNAL / INVESTIGATION REPORT

Contractor Employee Electrical Contact
Type of Report

09-E-007
Report Number

Keith McBride
Investigator

February 1, 2009
Date of Incident

Utility: **Louisville Gas and Electric Company ("LG&E")**

Reference: **Ice Storm / Contractor Employee Injury**

Location: **3309 Natchez Lane**
Louisville, Kentucky 40206

Case Summary

On February 1, 2009 LG&E Dispatch Control Center ("DCC") received a call concerning a contractor's employee who received a shock while working the ice storm. Preliminary reports stated that the contract employee was transported to the University of Louisville Hospital via EMS, and was conscious and alert.

Ken Sheridan, Manager of Safety and Technical Training - Energy Delivery, notified the Kentucky Public Service Commission of the incident.

Investigation

Investigation into the incident found that at approximately 4:10 p.m., Mark McCoy, Line Technician First Class, employee of C.W. Wright Construction Company ("C.W. Wright"), contractor working for LG&E, attempted to install a fuse door into a cut-out by hand while on the pole. It is unclear whether or not Mr. McCoy knew the single phase 7200 volt line was still energized. Mr. McCoy does not recall any of his thoughts or actions just prior to or immediately following the incident.

Mr. McCoy received a shock and flash burns to his right hand and forearm as well as to the right side of his neck and face. Coworkers on the job site performed a pole top rescue and had Mr. McCoy on the ground when EMS arrived on scene.

Interviews with C.W. Wright employees

C.W. Wright crews were working to clear up any damaged services and make the area safe. Jamie Weaver, Foreman for C.W. Wright stated that he had walked the line out to locate and identify the damaged services, and check the re-closer from where the single phase tap line was being fed.

Mr. Weaver stated that he visually checked the re-closure and saw that the cut-out fuse door was open. Mr. Weaver stated that he thought that the tap line was de-energized due to the fuse door being open.

Further investigation through interviews of the coworkers found that the general consensus of the crews was that the single phase line was de-energized and had not been tested and grounded. I was informed by C.W. Wright's General Foreman, John Boyer, that C.W. Wright requires its employees working on or near primary electric to wear proper PPE and always test and ground lines.

All C.W. Wright crews were pulled from their jobs until there was sufficient time to tailgate the incident with the crews and to devise a plan going forward.

According to C.W. Wright Management, Mr. McCoy's condition as of 2/03/2009 was that he had suffered first and second degree burns and that he was improving.

Contacts

C.W. Wright Construction Company
P.O. Box 3810
11500 Iron Bridge Road
Chester, Virginia 23831
(804) 768-1054

John Boyer – C.W. Wright Construction Co. General Foreman (not on site during incident)
(540) 336-8597

Jamie Weaver
RR – 3 Box 1105
Terra Alta, West Virginia

C.W. Wright Construction Co. Foreman (witness – stated that he assumed that the line was de-energized and observed Mr. McCoy up on the pole facing east when he attempted to install the fuse door by hand.)

Allen Pingly
RR – 2 Box 16B
Terra Alta, West Virginia
C.W. Wright Construction Co. Line tech 1st Class (Not a witness – up on next pole down and heard yelling and then saw that Mr. McCoy was hurt)

Bryant Johnson
304 Mackin Street
Grafton, West Virginia
C.W. Wright Construction Co. Line Tech 3rd class (not a witness)

Terry Simmons
202 Brandywine Street
Tarra Alta, West Virginia
C.W. Wright Construction Co. Line Technician (not a witness – was in front of building)

William Greenwalt
P.O. Box 917
Old Fields, West Virginia
C.W. Wright Construction Co. Line Technician (not a witness)

Ed Gribble
1332 Pleasant Valley Road
Fairmont, West Virginia
C.W. Wright Construction Co. Line Technician (not a witness)

Jonny Crider
P.O. Box 342
Purgitville, West Virginia
C.W. Wright Construction Co. Line technician (witness – observed Mr. McCoy attempt to install fuse door in cut-out)

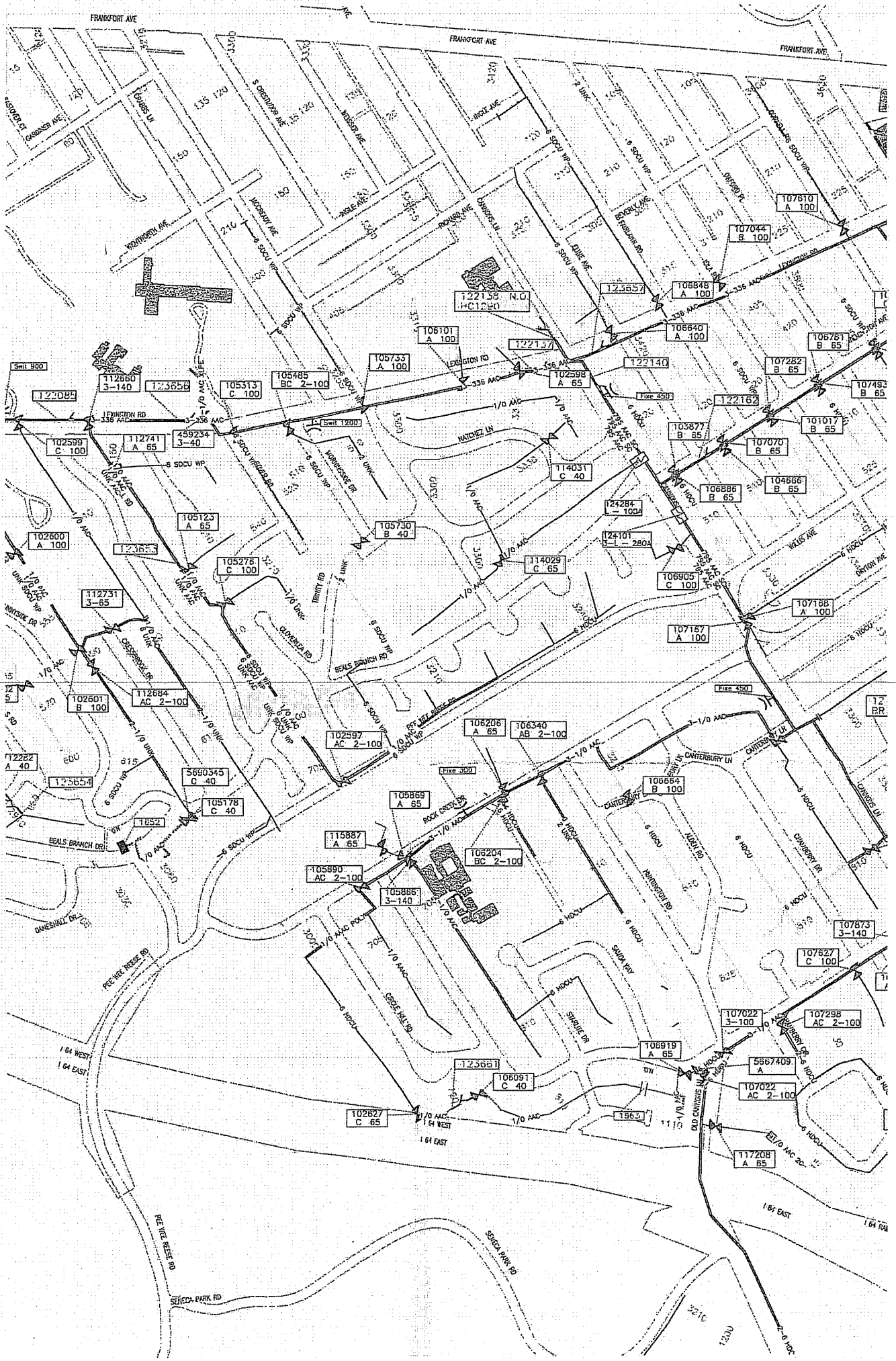
Attachments

Items requested by the Kentucky Public Service Commission to accompany this report are:

- Utility photographs - **Attached**
- Copy of the last system inspection on facilities involved*
- Facility map - **Attached**
- Copy of any work orders completed recently on facilities involved*
- Copy of maintenance records of facilities involved*
- Copy of outage report on facilities associated with incident*
- Copy of crew job briefings (job briefings were not documented)
- Witness statements (oral only – included in report)

* *Due to the restoration efforts currently underway relative to the January 27, 2009 ice storm, John Shupp, KPSC, has allowed LG&E to produce these documents at a later date*

DATE OF REPORT: FEBRUARY 6, 2009
END OF REPORT


FRANKFORT AVE
FRANKFORT AVE
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GARDNER AVE
WENTWORTH AVE
S CRESTLEDGE AVE
WEBSTER AVE
INGLE AVE
MCCREADY AVE
RICHARD AVE
CANNONS LN
BEVERLY AVE
FLINE AVE
OXFORD PL
LEXINGTON RD
Swit 900
Swit 1200
Fixe 450
Fixe 300
NATCHEZ LN
MORNINGSIDE DR
TRINITY RD
CLOVERLEA RD
BEALS BRANCH RD
CRESSBROOK DR
BEALS BRANCH DR
DANESHALL DR
PEE WEE REESE RD
ROCK CREEK DR
CANTERBURY LN
CANTERBURY LN
CHAUBERRY DR
ALDEN RD
HUNTINGTON RD
SAMOA WAY
STARLITE DR
CIRCLE HILL RD
OLD CANNONS LN
WILLIS AVE
DAYTON AVE
I 64 WEST
I 64 EAST
SENECA PARK RD
SENECA PARK RD
122085
112660 3-140
123656
105313 C 100
105485 BC 2-100
105733 A 100
106101 A 100
122138 N.O. HC1290
122137
102598 A 65
122140
123657
106848 A 100
106640 A 100
107610 A 100
107044 B 100
106761 B 65
107282 B 65
107493 B 65
122162
101017 B 65
103877 B 65
107070 B 65
104666 B 65
106886 B 65
102599 C 100
112741 A 65
459234 3-40
114031 C 40
124284 L - 100A
124101 3-L - 280A
105123 A 65
105730 B 40
102600 A 100
123653
105276 C 100
114029 C 65
106905 C 100
112731 3-65
107168 A 100
107167 A 100
102601 B 100
112684 AC 2-100
102597 AC 2-100
106206 A 65
106340 AB 2-100
12282 A 40
123654
5690345 C 40
105178 C 40
1652
105869 A 65
106664 B 100
115887 A 65
106204 BC 2-100
105690 AC 2-100
105866 3-140
107873 3-140
107627 C 100
107022 3-100
107298 AC 2-100
106919 A 65
5667409 A
123661
106091 C 40
107022 AC 2-100
102627 C 65
1563
117208 A 65

an e·on company

Mr. John Shupp
Manager Electrical Branch
Division of Engineering
Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40602

Louisville Gas and Electric Company
Corporate Law
220 W. Main Street
Louisville, Kentucky 40202
www.eon-us.com

Jim Dimas
Senior Corporate Attorney
T 502-627-3712
F 502-627-3367
jim.dimas@eon-us.com

March 20, 2009

Re: Ice Storm/Contractor Employee Injury
3309 Natchez Lane
Louisville, Kentucky

RECEIVED
MAR 23 2009
PUBLIC SERVICE COMMISSION

Dear Mr. Shupp:

Please accept this letter in follow-up to the Investigation Report filed by Louisville Gas and Electric Company ("LG&E") on February 9, 2009, regarding this incident. LG&E records have identified the transformer where Mr. McCoy was working as being device no. xfm120805265. Enclosed are the following records that were requested by the KPSC:

1. Copy of last system inspection of Circuit HC1293 on August 2008;
2. Copy of system inspection of Circuit HC1293 for post-ice storm restoration/repairs; and
3. Copies of OMS Event Ticket Summary and Event Tickets for device no. xfm120805265 dated January 29, 2009, that were included in the work packet given to the crew working circuit HC1293.

LG&E found no work orders or maintenance records associated with this transformer for the period February 1, 2008 to February 1, 2009. If you need additional information concerning this incident, please contact me at (502) 627-3712.

Sincerely,

Jim Dimas

JD/slg

Enclosures

HC1293 System Inspection

August 2008

1

JUST Engineering & Inspection Services Inc.

LG&E PSC Inspection

Circuit HC1293 Date 8-7-08 Inspector Bosworth

1. R-3206 Dublin Ln
vines covering transf pole (WR# 1675595)

(2) R-3202 Dublin Ln
vines covering pole in primary (WR# 1675604)

(3) R-3300 Trinity Rd
#4 Triplex in bad shape - insulation coming off need to replace (WR# 1675845)

(4) R-3212 Beals Branch Rd
8 ft crossarm defective. (WR# 1675854)

(5) Pole

(6) 3608 Lexington Rd (WR# 1675865)
37 MN has passive leak. bad bucket

(7) R-428 Bauer Ave (WR# 1675875)
lightning arrestor blown

8 1201 Old Cannons Ln
replace 8 ft crossarm - pole # 4530287501
bucket
(WR# 1675885)

14515 Pauley Gap Rd
Louisville, Ky 40272
E-mail: paul.just@insightbb.com
Phone: 502-995-8348
Fax: 502-937-6267

JUST Engineering & Inspection Services Inc.

LG&E PSC Inspection

Circuit 17C1293 Date 8-11-08 Inspector Boswout

1. 9. Pole ✓

10 Pole ✓

11 Pole ✓

12 Pole ✓

14515 Pauley Gap Rd
Louisville, Ky 40272
E-mail: paul.just@insightbb.com

Phone: 502-995-8348
Fax: 502-937-6267

(5)

WR 1786396

LG&E KU
e·on companies

LG&E/KU Pole Replacement Form

Circuit: HC1793 Pole Number: 45220 8 7829 Owner: LG&E ~~KU~~ BLS

Address R-3240 Beals Branch Rd Other _____

Reason fo Replacement defective

Remarks _____

Category	Phase	Construction	Type	Other		
1	1 phase	Pole Top	Flat	Height	40	
2	2 phase	Crossarm	Angle	New Pole Ht	40	
3	3 phase	Armless	Deadend			
	Sec/Service	Spacer Cable	Double deadend	Truck OK	Yes	No
	Stub/Guy	3 Eye	Vertical	Traffic Control:	Yes	No
	Multi-Circuit	Transmission		Unit Pricing	Yes	No

New Material Needed	QTY	New Equip Needed	QTY and Type
8' arms		1 Ph Transformer	
10' arms		3 Ph Bank	
Wood Braces		1 Ph Recloser	
Steel Braces		2 Ph Recloser	
3 Eye Bracket		3 Ph Recloser	
S.C. C Bracket		Cap Bank	
S.C. Long E Bracket			
S.C. Short E Bracket			
UAD Switches		**Attachments (circle all that apply)**	
Poly Pin Insulators		BLS	
Poly Deadend Ins.		Insight	
3kv Arresters		JCPS	
9kv Arresters		Supervisory	
15kv Arresters		Other	
Cutouts			
1 Roller Racks			
		Commercial Customers Involved	
		Yes	
		No	
		If yes, who?	

To Be Changed Out	QTY and Size
Open Wire Services	
Steel/CW Down Guys	

(4)

WR 1786399

LG&E KU
e-on companies

LG&E/KU Pole Replacement Form

Circuit: HC1293 Pole Number: 45167-87660 Owner: LG&E KU BLS Other ____

Address R-802 STARLITE DR

Reason fo Replacement defective

Remarks

Category	Phase	Construction	Type	Other		
1	1 phase	Pole Top	Flat	Height	40	
2	2 phase	Crossarm	Angle	New Pole Ht	~~40~~ 45	
3	3 phase	Armless	Deadend			
	Sec/Service	Spacer Cable	Double deadend	Truck OK	Yes	No
	Stub/Guy	3 Eye	Vertical	Traffic Control:	Yes	No
	Multi-Circuit	Transmission		Unit Pricing	Yes	No

New Material Needed	QTY	New Equip Needed	QTY and Type
8' arms	1	1 Ph Transformer	
10' arms		3 Ph Bank	
Wood Braces		1 Ph Recloser	
Steel Braces		2 Ph Recloser	
3 Eye Bracket		3 Ph Recloser	
S.C. C Bracket		Cap Bank	
S.C. Long E Bracket			
S.C. Short E Bracket			
UAD Switches		**Attachments (circle all that apply)**	
Poly Pin Insulators		BLS	
Poly Deadend Ins.		Insight	
3kv Arresters		JCPS	
9kv Arresters		Supervisory	
15kv Arresters		Other	
Cutouts			
1 Roller Racks			
		Commercial Customers Involved	
		Yes	
		No	
		If yes, who?	

To Be Changed Out	QTY and Size
Open Wire Services	
Steel/CW Down Guys	

10

WR 1786404

LG&E KU
e·on companies

LG&E/KU Pole Replacement Form

Circuit: HC693 Pole Number: 45207-87640 Owner: LG&E KU BLS Other

Address 807 STARLITE DR

Reason fo Replacement defective

Remarks

Category	Phase	Construction	Type	Other		
1	1 phase	Pole Top	Flat	Height	40	
2	2 phase	Crossarm	Angle	New Pole Ht	40	
3	3 phase	Armless	Deadend			
	Sec/Service	Spacer Cable	Double deadend	Truck OK	Yes	No
	Stub/Guy	3 Eye	Vertical	Traffic Control:	Yes	No
	Multi-Circuit	Transmission		Unit Pricing	Yes	No

New Material Needed	QTY	New Equip Needed	QTY and Type
8' arms		1 Ph Transformer	
10' arms		3 Ph Bank	
Wood Braces		1 Ph Recloser	
Steel Braces		2 Ph Recloser	
3 Eye Bracket		3 Ph Recloser	
S.C. C Bracket		Cap Bank	
S.C. Long E Bracket			
S.C. Short E Bracket			
UAD Switches		**Attachments (circle all that apply)**	
Poly Pin Insulators		BLS	
Poly Deadend Ins.		Insight	
3kv Arresters		JCPS	
9kv Arresters		Supervisory	
15kv Arresters		Other	
Cutouts			
1 Roller Racks			
		Commercial Customers Involved	
		Yes	
		No	
		If yes, who?	

To Be Changed Out	QTY and Size
Open Wire Services	
Steel/CW Down Guys	

(11)

WR 1786400

LG&E KU
e·on companies

LG&E/KU Pole Replacement Form

Circuit: #C1793 Pole Number: 4519787633 (?) Owner: LG&E KU BLS Other

Address 808 STARLITE Dr

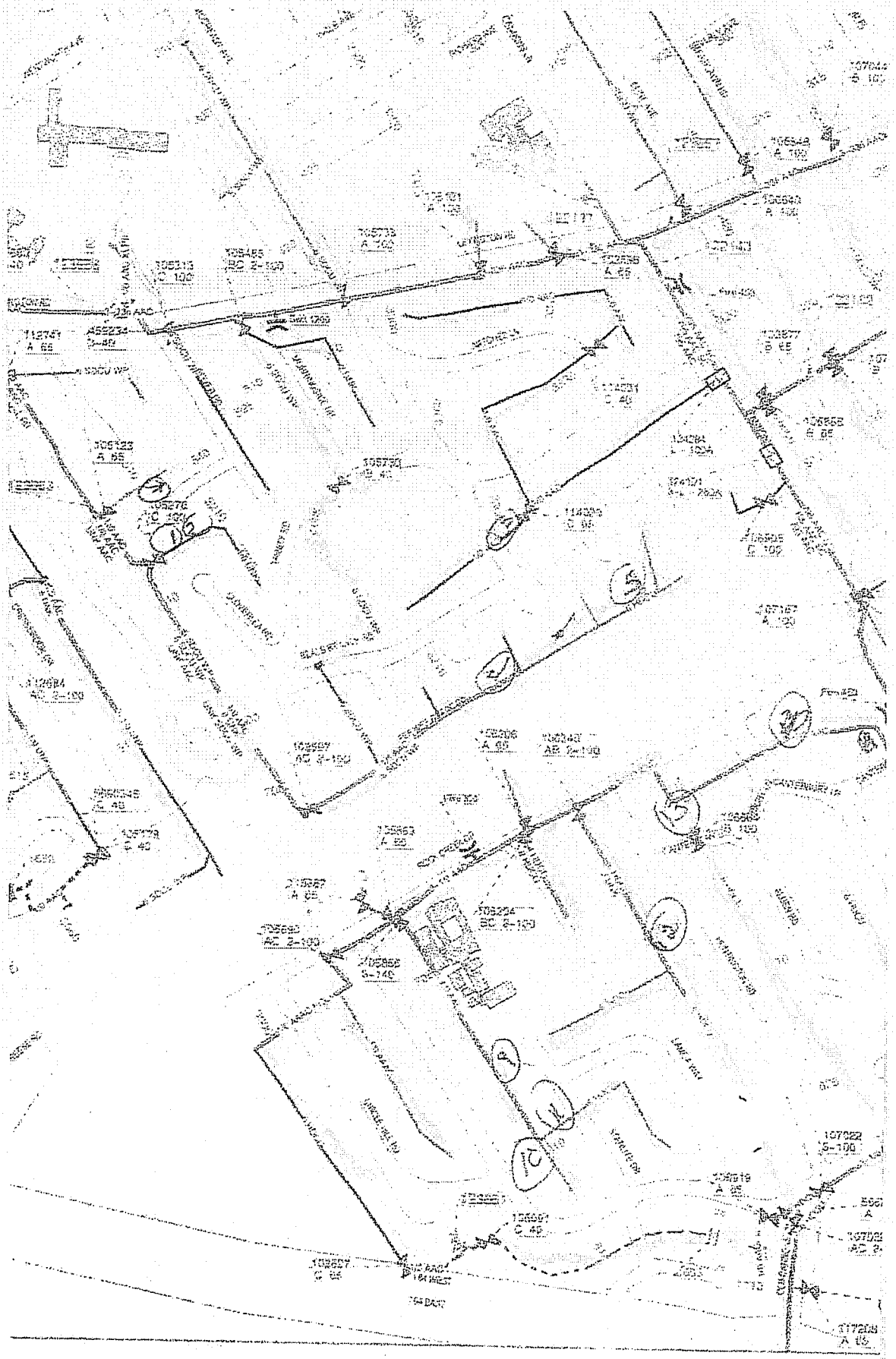
Reason fo Replacement defective

Remarks

Category	Phase	Construction	Type	Other		
1	1 phase	Pole Top	Flat	Height	40	
2	2 phase	Crossarm	Angle	New Pole Ht	40	
3	3 phase	Armless	Deadend			
	Sec/Service	Spacer Cable	Double deadend	Truck OK	Yes	No
	Stub/Guy	3 Eye	Vertical	Traffic Control:	Yes	No
	Multi-Circuit	Transmission		Unit Pricing	Yes	No

New Material Needed	QTY	New Equip Needed	QTY and Type
8' arms		1 Ph Transformer	
10' arms		3 Ph Bank	
Wood Braces		1 Ph Recloser	
Steel Braces		2 Ph Recloser	
3 Eye Bracket		3 Ph Recloser	
S.C. C Bracket		Cap Bank	
S.C. Long E Bracket			
S.C. Short E Bracket			
UAD Switches		**Attachments (circle all that apply)**	
Poly Pin Insulators		BLS	
Poly Deadend Ins.		Insight	
3kv Arresters		JCPS	
9kv Arresters		Supervisory	
15kv Arresters		Other	
Cutouts			
1 Roller Racks			
		Commercial Customers Involved	
		Yes	
		No	
		If yes, who?	

To Be Changed Out	QTY and Size
Open Wire Services	
Steel/CW Down Guys	



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Page: 1

ABS Closed

ABS Open

HC1293
Post Ice Storm Restoration/Repairs
System Inspection

February 6, 2009

2

HC 1293

220 Fairlawn Rd

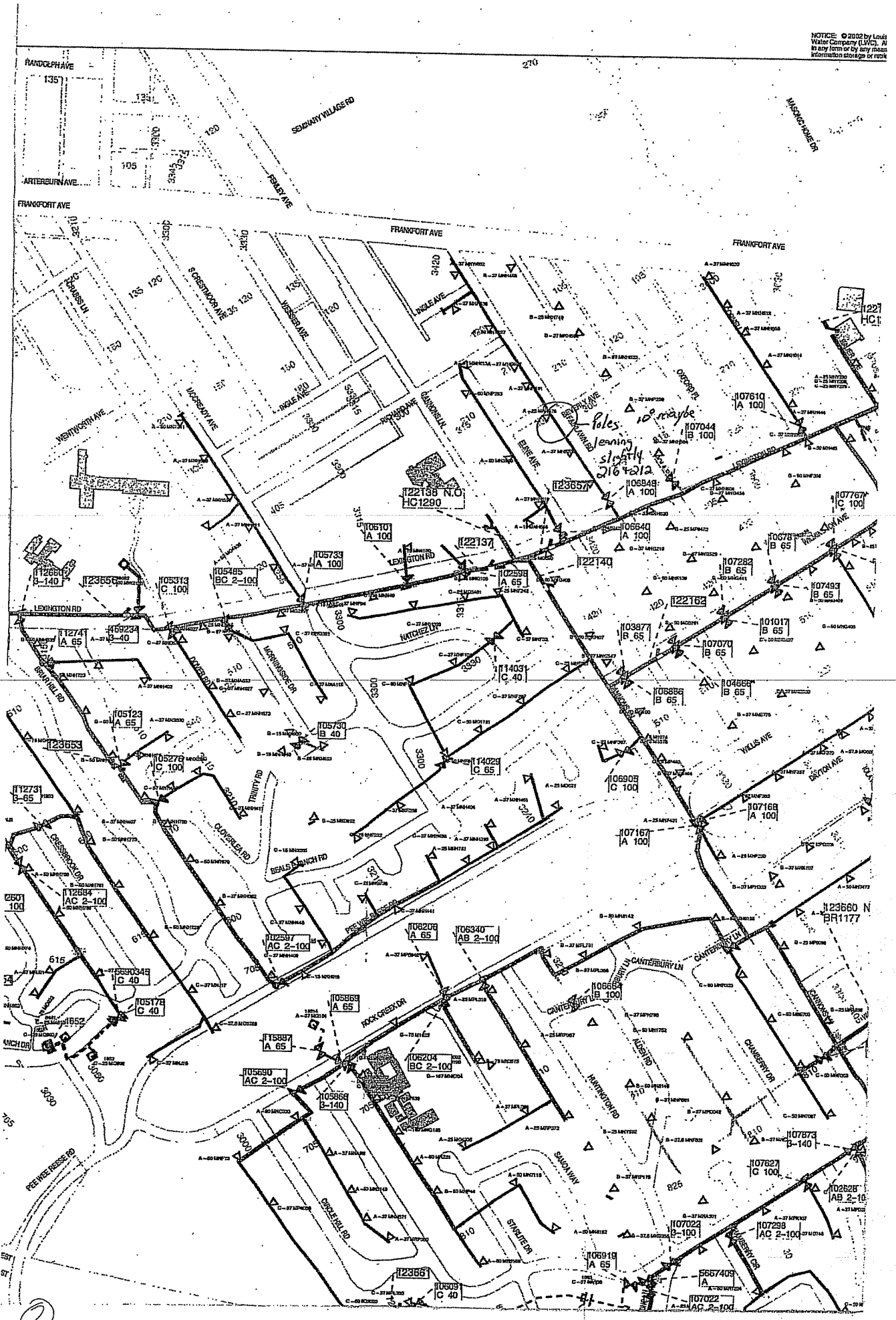
Pole leaning very little

Julie 364-8445

1. No Repairs

2/6/09

NOTICE: © 2002 by Louis
Water Company (LWC). Al
in any form or by any mean
information storage or retri



3

OMS Event Ticket Summary

Field Copy

Date: 1/29/2009 12:44:36 PM
Company: LGE
OpCenter: EOC
Local Area: BROWNSBORO RD
Substation: HILLCREST
Circuit: HC1293

Crew ID: _____
Contact: _____
Supervisor: _____
Mobile #: _____
Pager/Two way _____
Type: _____

Status	Crew	Incident #	Incident Address	# Calls	# Custs Affected	Priority Custs
UAS		880846	519 FAIRLAWN RD	1	1	0
UAS		880978	803 CHAMBERRY DR			0
UAS		881233	3305 NATCHEZ LN			0
UAS		881374	3300 NATCHEZ LN			0
UAS		881375	515 WALLACE AV			0
UAS		881376	141 BRECKENRIDGE LN APT 1F	2	8	0
UAS		881377	509 FAIRLAWN RD	2	20	0
UAS		881378	516 MCCREADY AV	1	14	0
UAS		881380	218 STILZ AV	1	1	0
UAS		881381	3029 LEXINGTON RD	2	2	0
UAS		881382	408 BAUER AV APT 2	1	1	0
UAS		881383	3422 LEXINGTON RD	1	1	0
UAS		881718	525 DOVER RD	1	0	0
UAS		881956	500 MACON AV	1	1	0
UAS		882842	BAUER AV AND WILLIS AV, CORNER OF	1	1	0
UAS		883072	506 ELINE AV	1	0	0
UAS		884348	701 BRIAR HILL RD	9	33	0
UAS		884415	510 MACON AV	1	1	0

OMS Event Ticket Summary

Field Copy

Date: 1/29/2009 12:44:36 PM
Company: LGE
OpCenter: EOC
Local Area: BROWNSBORO RD
Substation: HILLCREST
Circuit: HC1293

Crew ID: _____
Contact: _____
Supervisor: _____
Mobile #: _____
Pager/Two way _____
Type: _____

Status	Crew	Incident #	Incident Address	# Calls	# Custs Affected	Priority Custs
UAS		867464	415 IOLA RD	1	0	0
UAS		869242	541 DOVER RD	1	0	0
UAS		870565	607 WALLACE AV	1	1	0
UAS		871140	511 ELINE AV	1	0	0
UAS		872975	406 FAIRLAWN RD	1	0	0
UAS		873029	134 WILTSHIRE AV APT 2	1	0	0
UAS		873570	3307 NATCHEZ LN	1	1	0
UAS		873579	500 BRIAR HILL RD	1	1	0
UAS		873629	3610 DAYTON AV	1	1	0
UAS		873783	3314 LEXINGTON RD	1	1	0
UAS		873867	306 STILZ AV	2	2	0
UAS		873911	418 BAUER AV	1	0	0
UAS		874425	3500 NANZ AV	1	1	0
UAS		874606	411 OXFORD PL	1	1	0
UAS		874700	505 IOLA RD	1	1	0
UAS		874936	3409 INGLE AV	1	0	0
UAS		875013	613 WALLACE AV	1	1	0
UAS		875233	420 WENDOVER AV	1	1	0

DISTRIBUTION OPERATIONS

OMS

Event Ticket

Report Run

01/29/2009

12:44:35 PM

Event Information

Incident # 873570

Circuit: HC1293

Substation: HILLCREST
Local Area: BROWNSBORO RD
Op Center: EOC
Company: LGE
Device: xfm120805265
Device Location:

Begin Date:
ERT:
Status: UAS
Crew ASN/DSP:
Type: OUT
TLM #: 42710
Trouble Code: WDH-WIR-OUT
Address: 3307 NATCHEZ LN

Completion Information

System: Overhead __ Underground __

Cause: Animal __ Bird __ Company Contract Crew __ Company Crew __ Contractor/Other Utility __ Customer Equipment __ Dig In-Co.Crew __ Dig In-Other __ Equipment Failure __ Fire __ Lightning __ Loose Connection __ Other __ Overload __ Planned Work Outage __ Public Interference __ Sag/Spacing __ Tree Fell __ Tree Growth __ Tree Limb __ Unknown __ Vehicle __

Type: 34kv Subtransmission __ Customer Trouble __ Distribution Substation __ Foreign Transmission __ Other Utilities __ Primary __ Secondary __ Service __ Transformer __ Transmission Lines __ Transmission Substation __

Interrupting Device: Line Fuse __ Other __ Pole Recloser __ Sectionalizer __ Station Breaker __ Transformer Fuse __ Unknown __

Failure: Arrester __ Capacitor __ Conductor __ Connector __ Crossarm/Conductor Support __ Cut Out __ Elbow __ Insulator __ None __ Other __ Pole __ Recloser/Breaker __ Regulator __ Splice __ Switch __ Transformer __

Weather: Calm/Mild __ Extreme Temperature __ Ice __ Lightning __ Precipitation (rain, snow, fog) __ Storm(wind, rain, lightning) __ Wind Only __ Wind and Ice __ Wind and Precipitation __

Action Taken: CATV __ Completed __ Customer Trouble __ Cut Off for Repairs __ Made Safe __ Meter Shop __ Pending __ Phone __ Pole __ Switched / Bad cable __ Temp Repair OH __ Temp Repair URD __ Tree/Limb Removal __

Dispatcher Info Notes:

Field Notes:

Customer Information

# of Calls: 1
# of Customers Affected: 1

# of Crit Custs Affected: 0
# of Med Custs Affected: 0
# of Key Custs Affected: 0

DISTRIBUTION OPERATIONS

OMS
Event Ticket

Report Run
01/29/2009
12:44:35 PM

Event Information

Incident # 881233

Circuit: HC1293

Substation: HILLCREST
Local Area: BROWNSBORO RD
Op Center: EOC
Company: LGE
Device: xfm120805265
Device Location:

Begin Date:
ERT:
Status: UAS
Crew ASN/DSP:
Type: NON
TLM #: 42710
Trouble Code: WDH-WIR-ON
Address: 3305 NATCHEZ LN

Completion Information

System: Overhead __ Underground __

Cause: Animal __ Bird __ Company Contract Crew __ Company Crew __ Contractor/Other Utility __ Customer Equipment __ Dig In-Co.Crew __ Dig In-Other __ Equipment Failure __ Fire __ Lightning __ Loose Connection __ Other __ Overload __ Planned Work Outage __ Public Interference __ Sag/Spacing __ Tree Fell __ Tree Growth __ Tree Limb __ Unknown __ Vehicle __

Type: 34kv Subtransmission __ Customer Trouble __ Distribution Substation __ Foreign Transmission __ Other Utilities __ Primary __ Secondary __ Service __ Transformer __ Transmission Lines __ Transmission Substation __

Interrupting Device: Line Fuse __ Other __ Pole Recloser __ Sectionalizer __ Station Breaker __ Transformer Fuse __ Unknown __

Failure: Arrester __ Capacitor __ Conductor __ Connector __ Crossarm/Conductor Support __ Cut Out __ Elbow __ Insulator __ None __ Other __ Pole __ Recloser/Breaker __ Regulator __ Splice __ Switch __ Transformer __

Weather: Calm/Mild __ Extreme Temperature __ Ice __ Lightning __ Precipitation (rain, snow, fog) __ Storm(wind, rain, lightning) __ Wind Only __ Wind and Ice __ Wind and Precipitation __

Action Taken: CATV __ Completed __ Customer Trouble __ Cut Off for Repairs __ Made Safe __ Meter Shop __ Pending __ Phone __ Pole __ Switched / Bad cable __ Temp Repair OH __ Temp Repair URD __ Tree/Limb Removal __

Dispatcher Info Notes:

Field Notes:

Customer Information

# of Calls: 1
# of Customers Affected: 0

# of Crit Custs Affected: 0
# of Med Custs Affected: 0
# of Key Custs Affected: 0

DISTRIBUTION OPERATIONS

OMS

Event Ticket

Report Run

01/29/2009

12:44:35 PM

Calls With Notes **Incident #** **881233**

Time of Call/Notes	Customer Name	Address	Contact Phone	Route/Seq	Clues
1/28/2009 8:35:52 AM	FRANCIS C LAROCQUE	3305 NATCHEZ LN	5027771416	10/028001	WDH-WIR-ON

LINE HAS PULLED AWAY FROM HOUSE & METER

Attachment B

Cited Violations

National Electric Safety Code

2007

Section 42.
General Rules for Employees

Possible Violation: 1

420. Personal General Precautions

C. Safeguarding Oneself and Others

3. Employees who work on or in the vicinity of energized lines shall consider all of the effects of their actions, taking into account their own safety as well as the safety of other employees on the job site, or on some other part of the affected electric system, the property of others, and the public in general.

Section 42.
General Rules for Employees

Possible Violation: 2

420. Personal General Precautions

D. Energized or Unknown Conditions

Employees shall consider electric supply equipment and lines to be energized, unless they are positively known to be de-energized. Before starting work, employees shall perform preliminary inspections or tests to determine existing conditions. Operating voltages of equipment and lines should be known before working on or in the vicinity of energized parts.

Section 42.
General Rules for Employees

Possible Violation: 3

420. Personal General Precautions

H. Tools and Protective Equipment

Employees shall use the personal protective equipment, the protective devices, and the special tools provided for their work. Before starting work, these devices and tools shall be carefully inspected to make sure that they are in good condition.

Section 42.
General Rules for Employees

Possible Violation: 4

421. General Operating Routines

A. Duties of a First-Level Supervisor or Person in Charge
This individual shall:

1. Adopt such precautions as are within the individual's authority to prevent accidents.

2. See that the safety rules and operating procedures are observed by the employees under the direction of this individual.

Section 44.
Additional Rules for Supply Employees

Possible Violation: 5

441. Energized Conductors or Parts

Employees shall not approach, or knowingly permit others to approach, any exposed ungrounded part normally energized except as permitted by this rule.

A. Minimum Approach Distance to Live Parts

1. General

Employees shall not approach or bring any conductive object within the minimum approach distance listed in Table 441-1 or Table 441-4 to exposed parts unless one of the following is met:

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

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

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

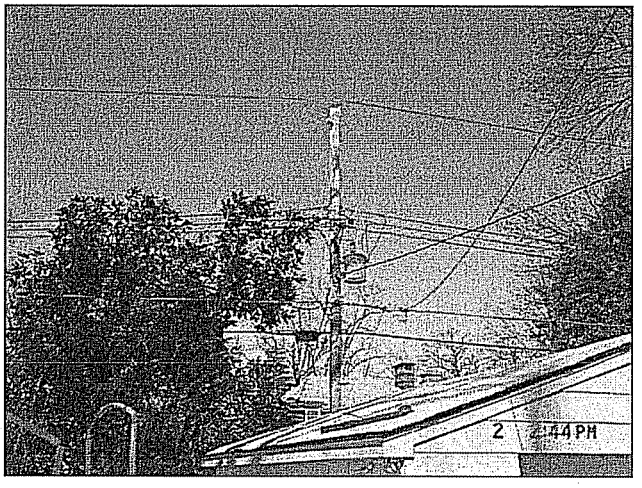
Table 441-1: AC Live Work Minimum Approach Distance[4]

(See Rule 441 in its entirety.)

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

Attachment C

PSC Photographs



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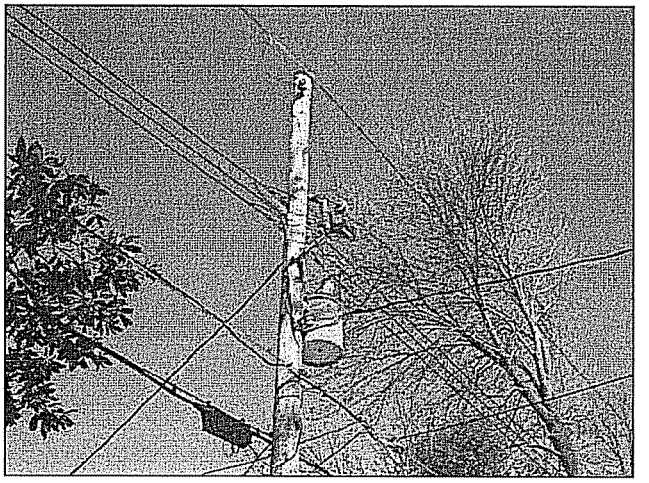

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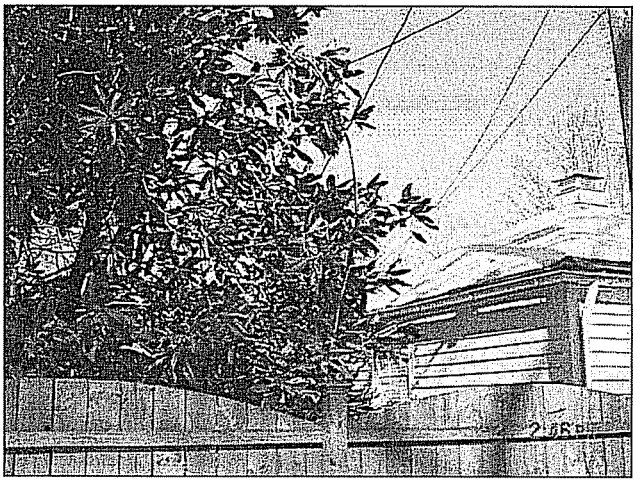
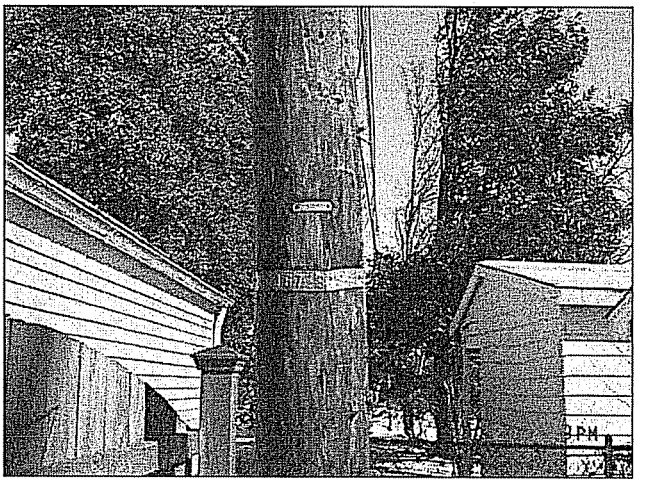


Photo 3

Photo 4

Photo 5



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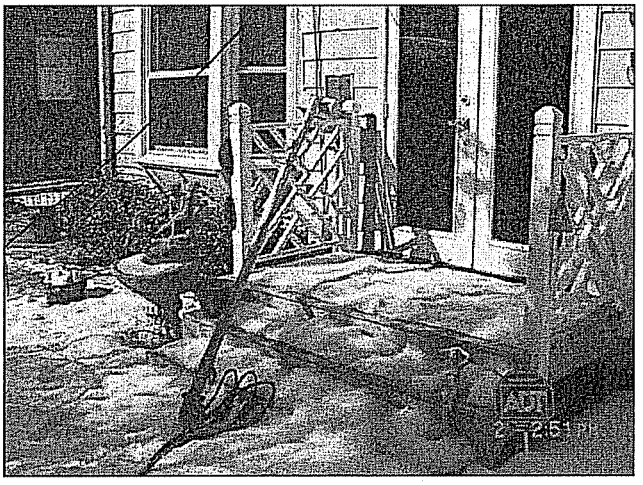

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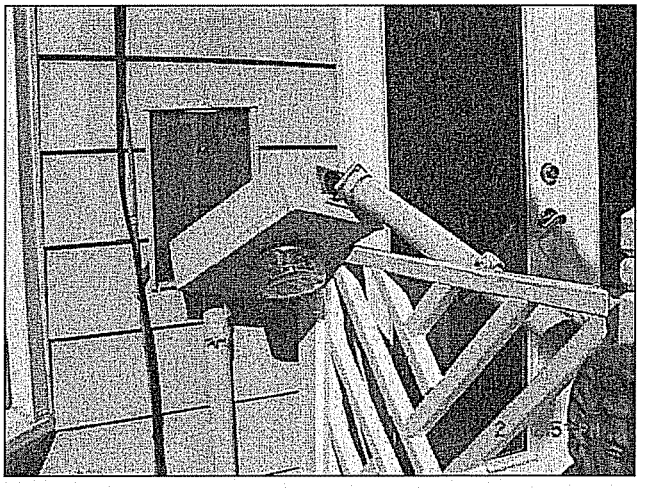

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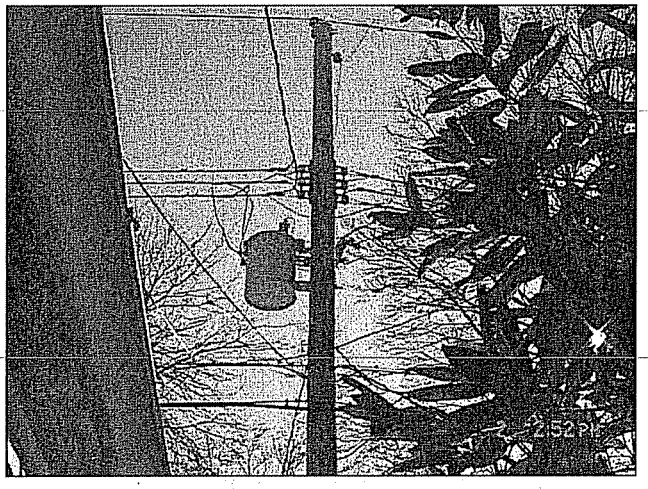

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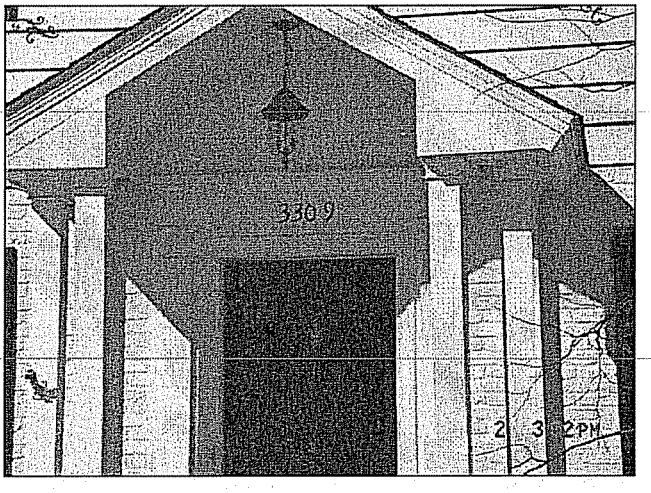

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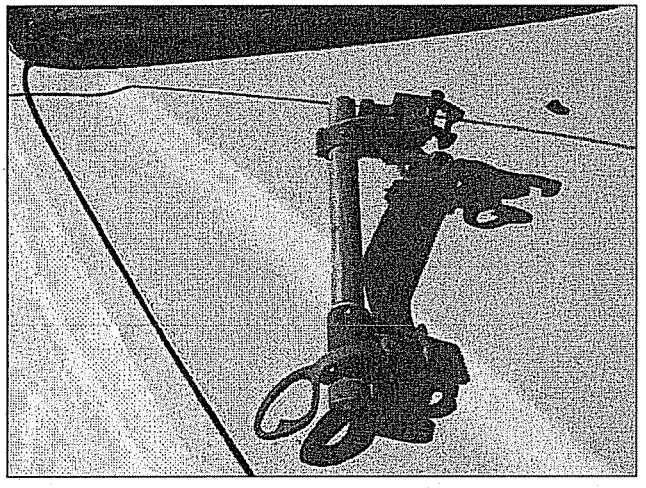

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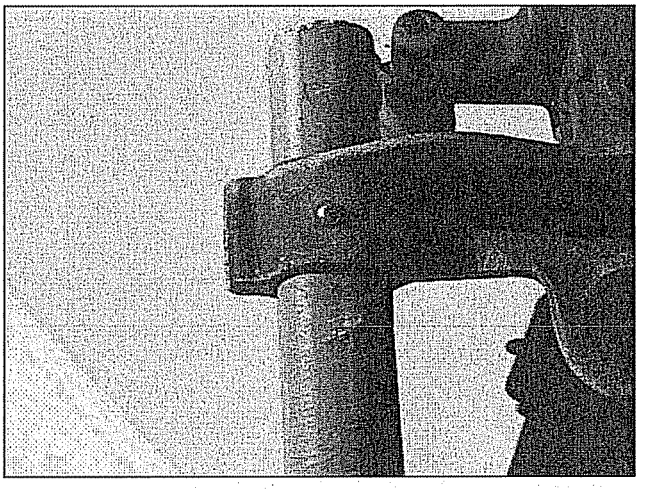
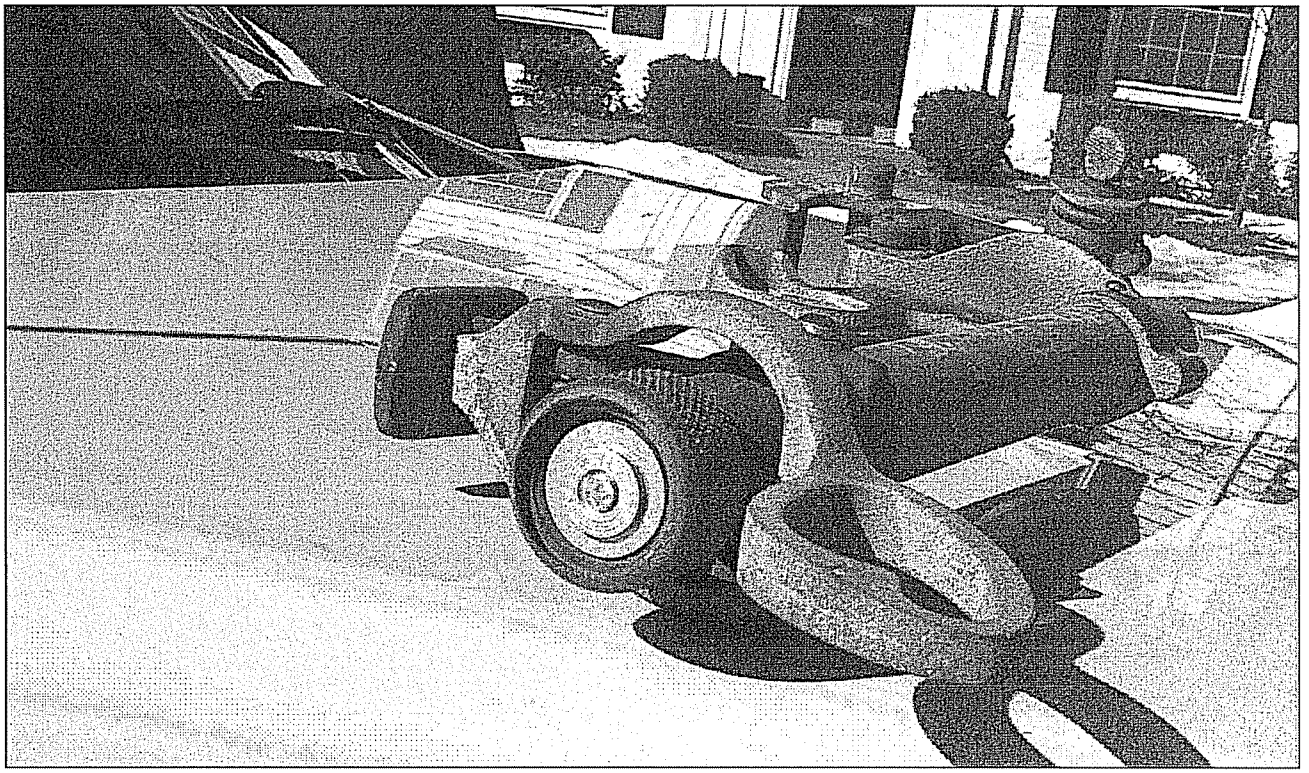


Photo 12

Photo 13



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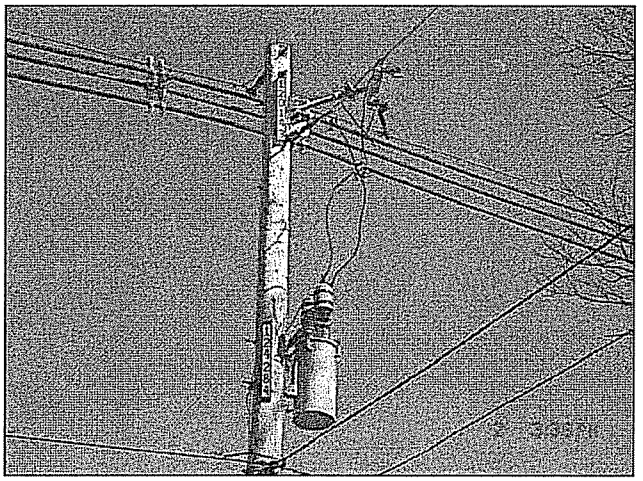

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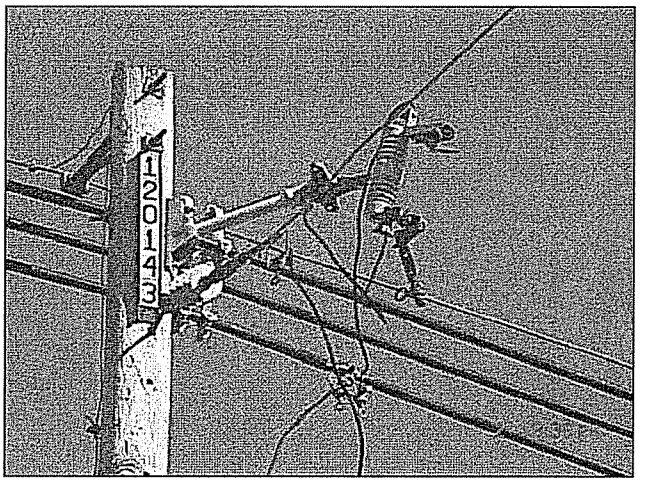

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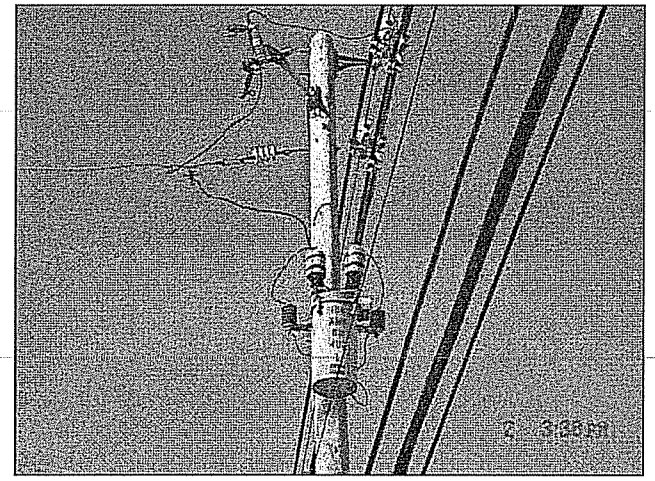

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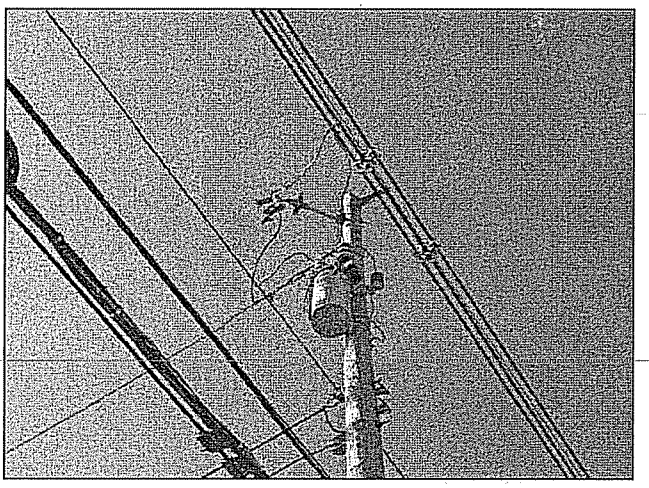

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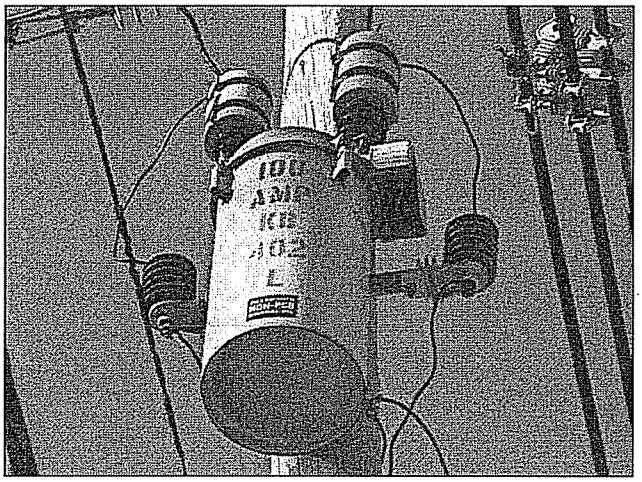

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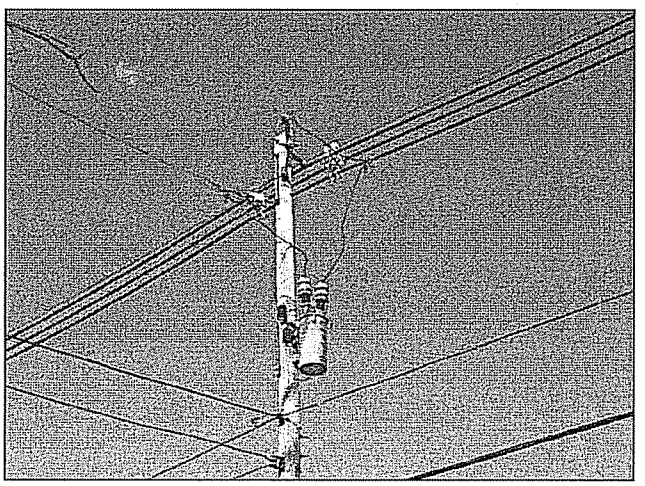

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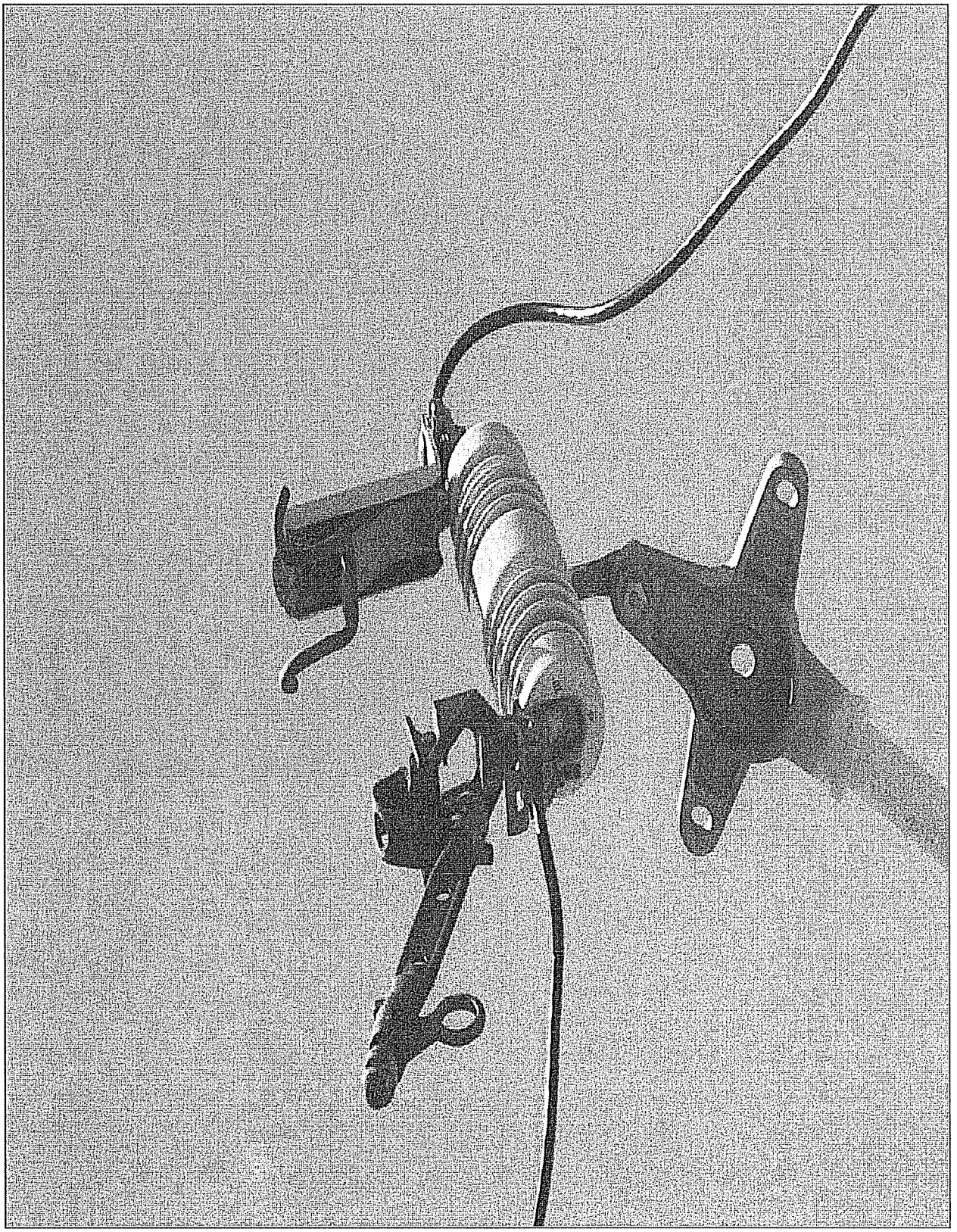

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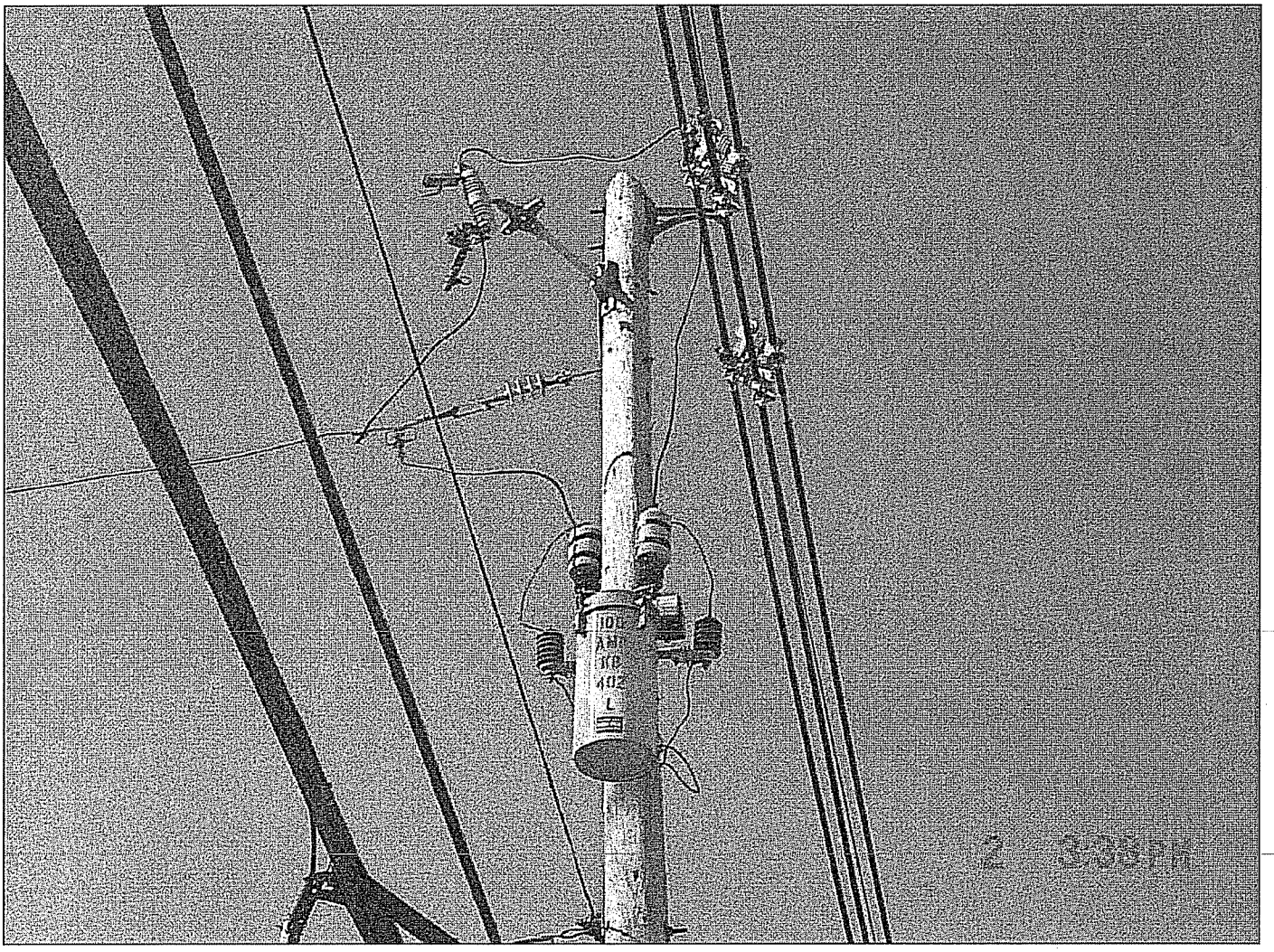
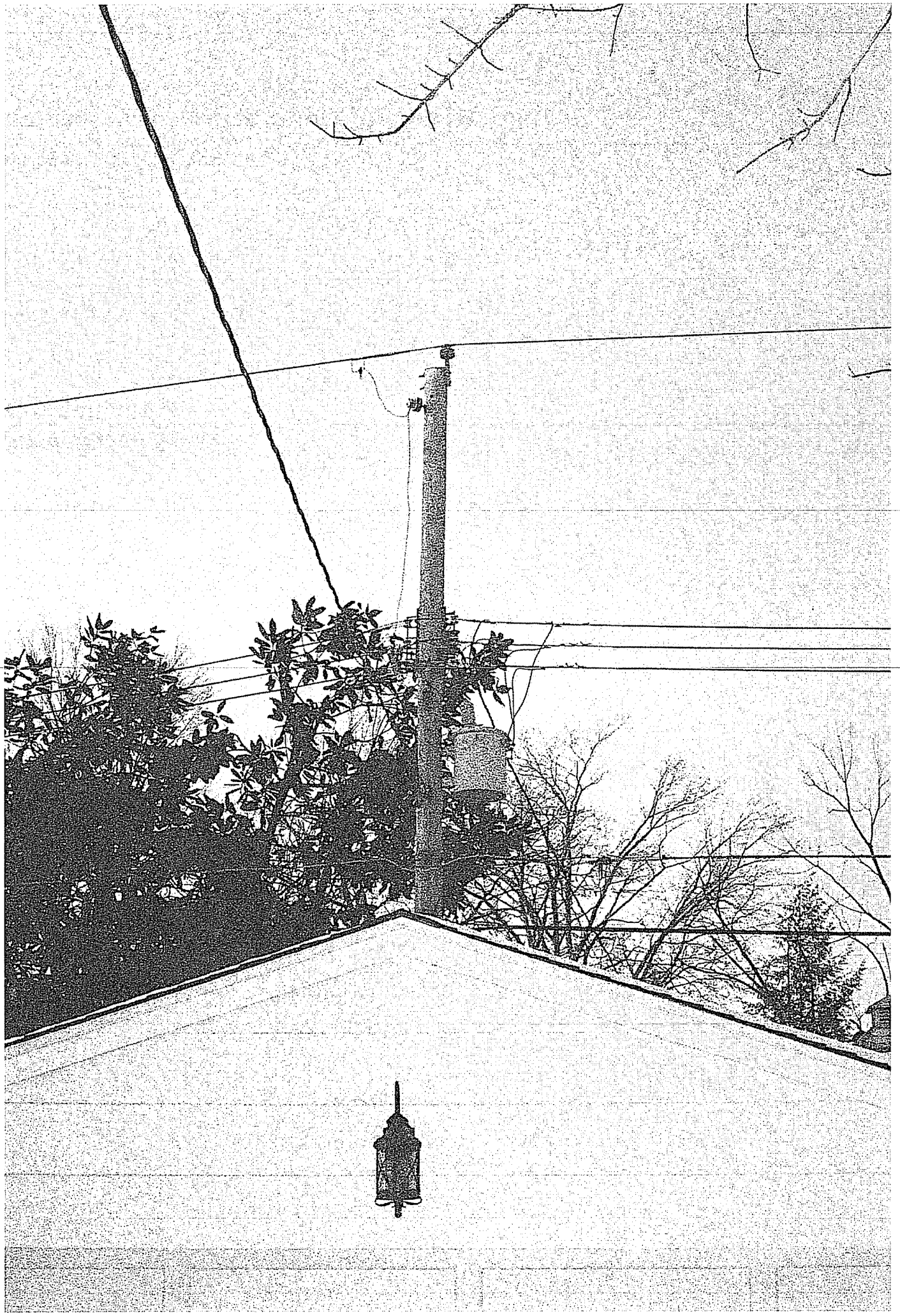
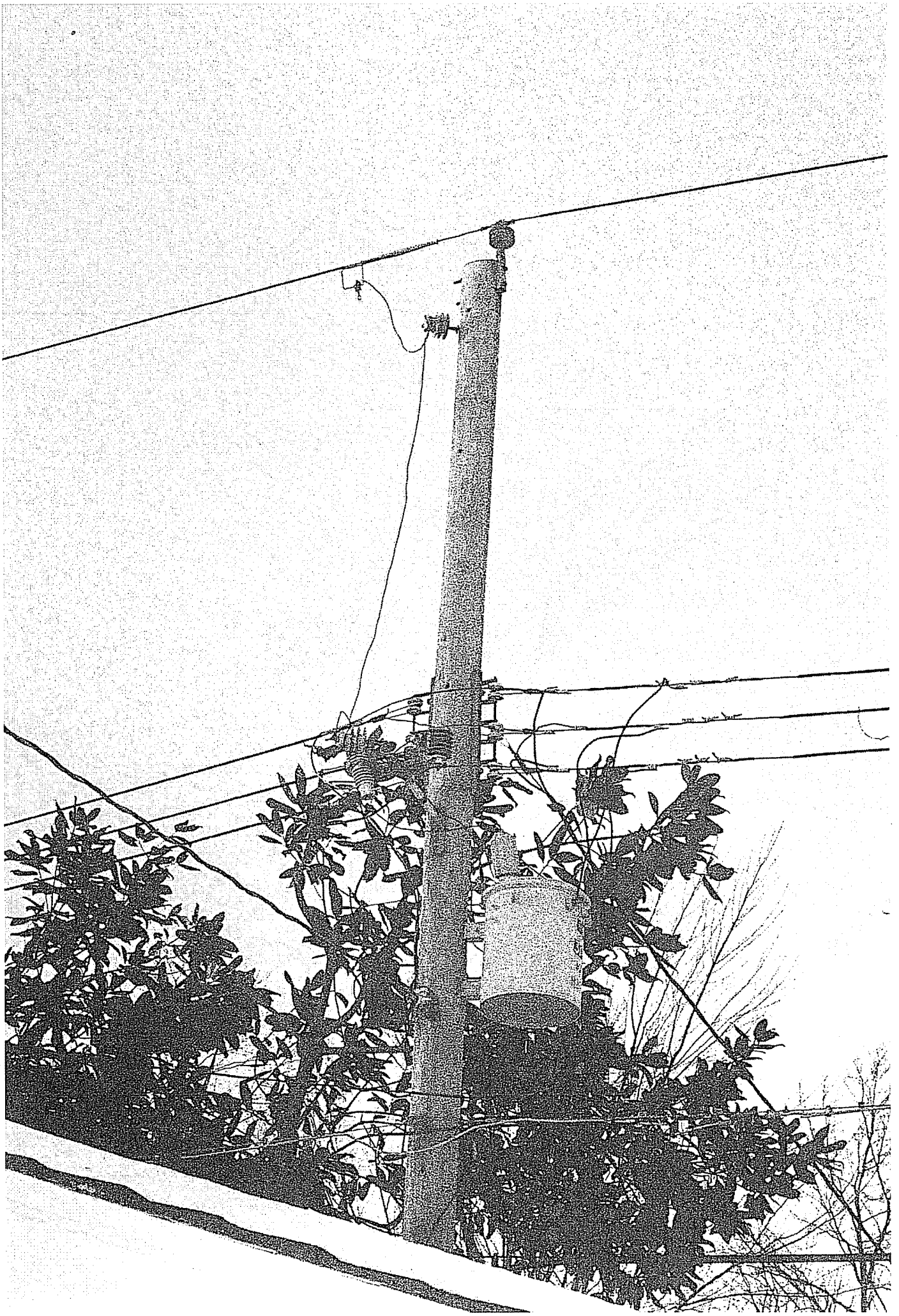


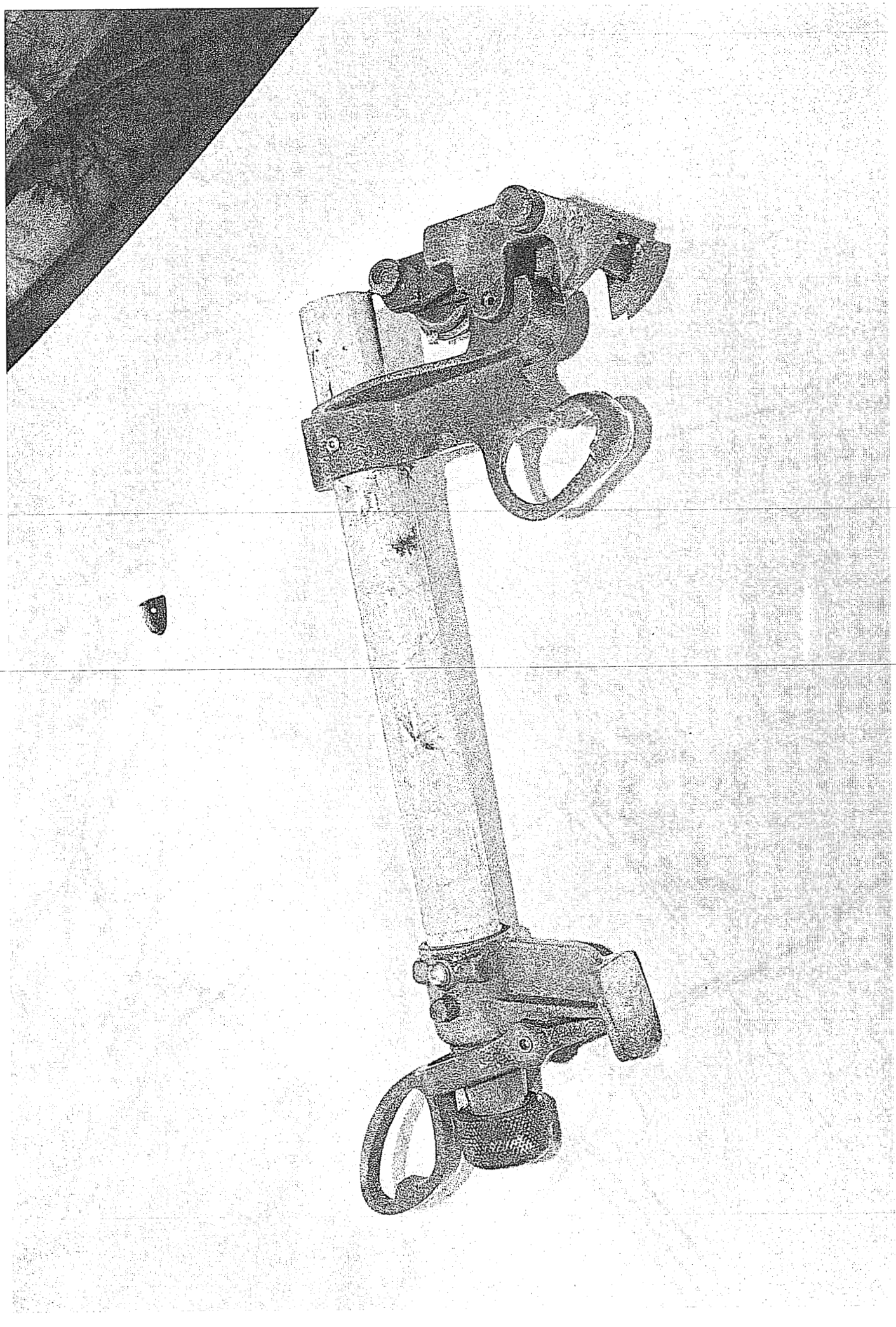
Photo 22

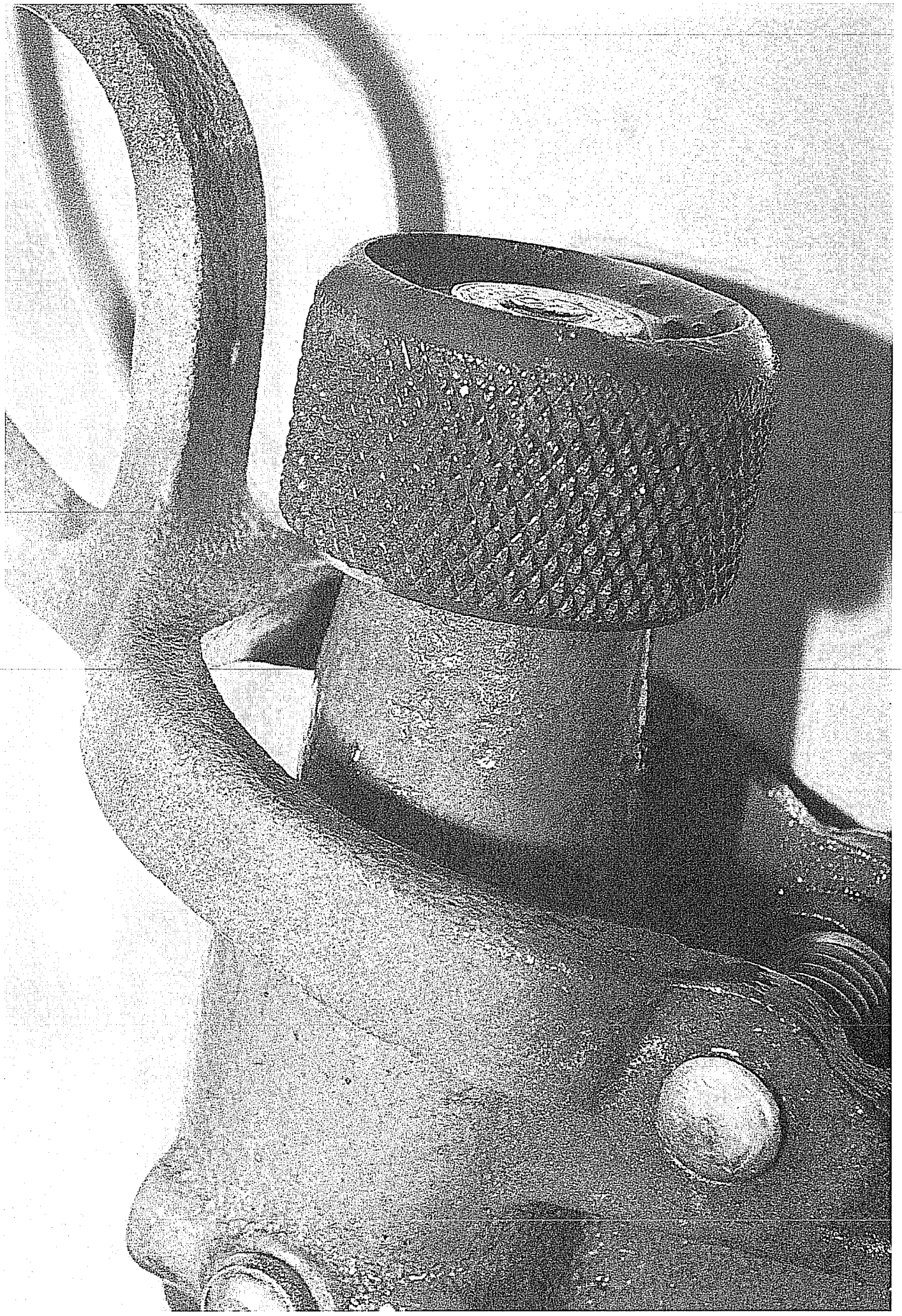
Attachment D

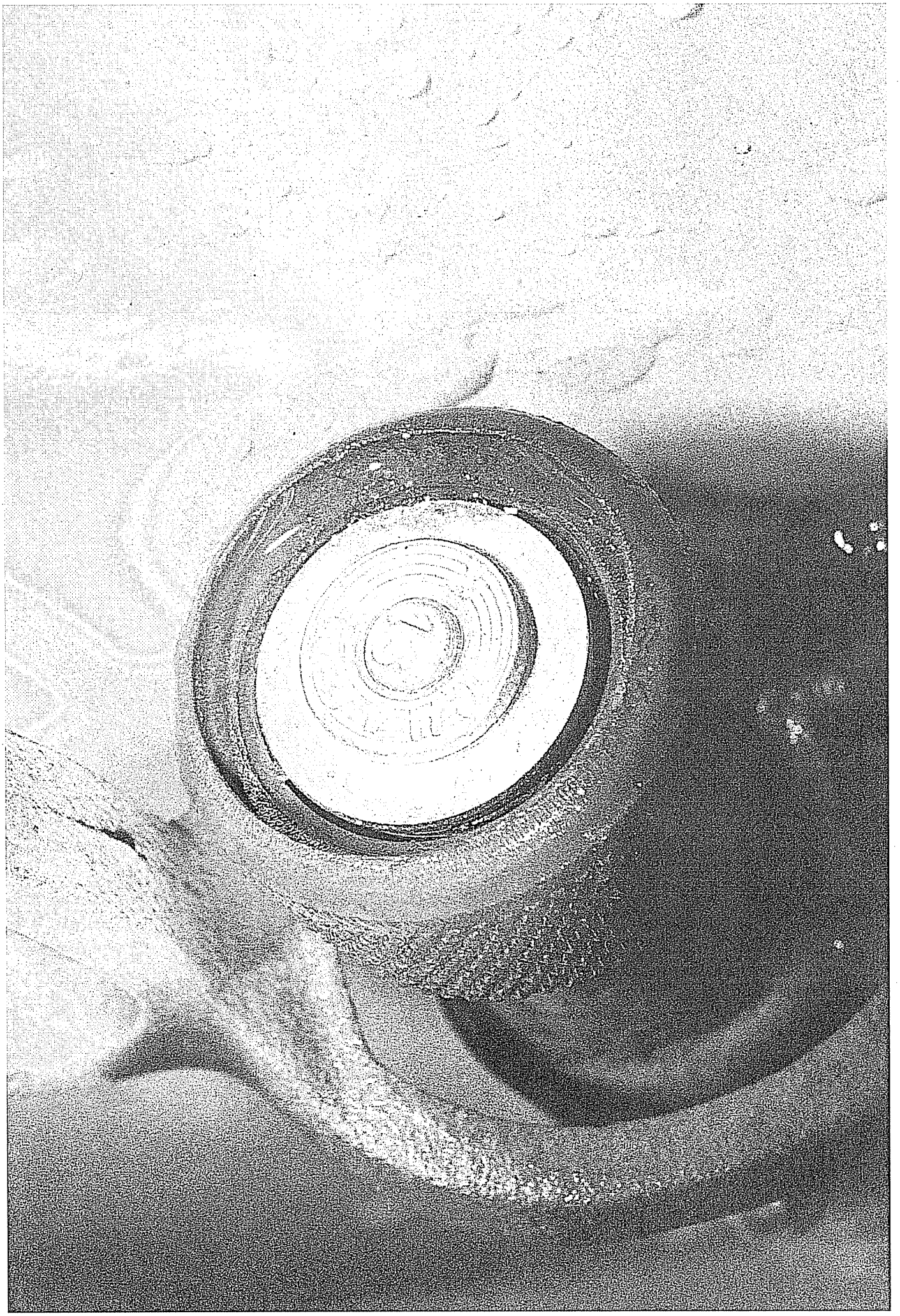
Utility Photographs

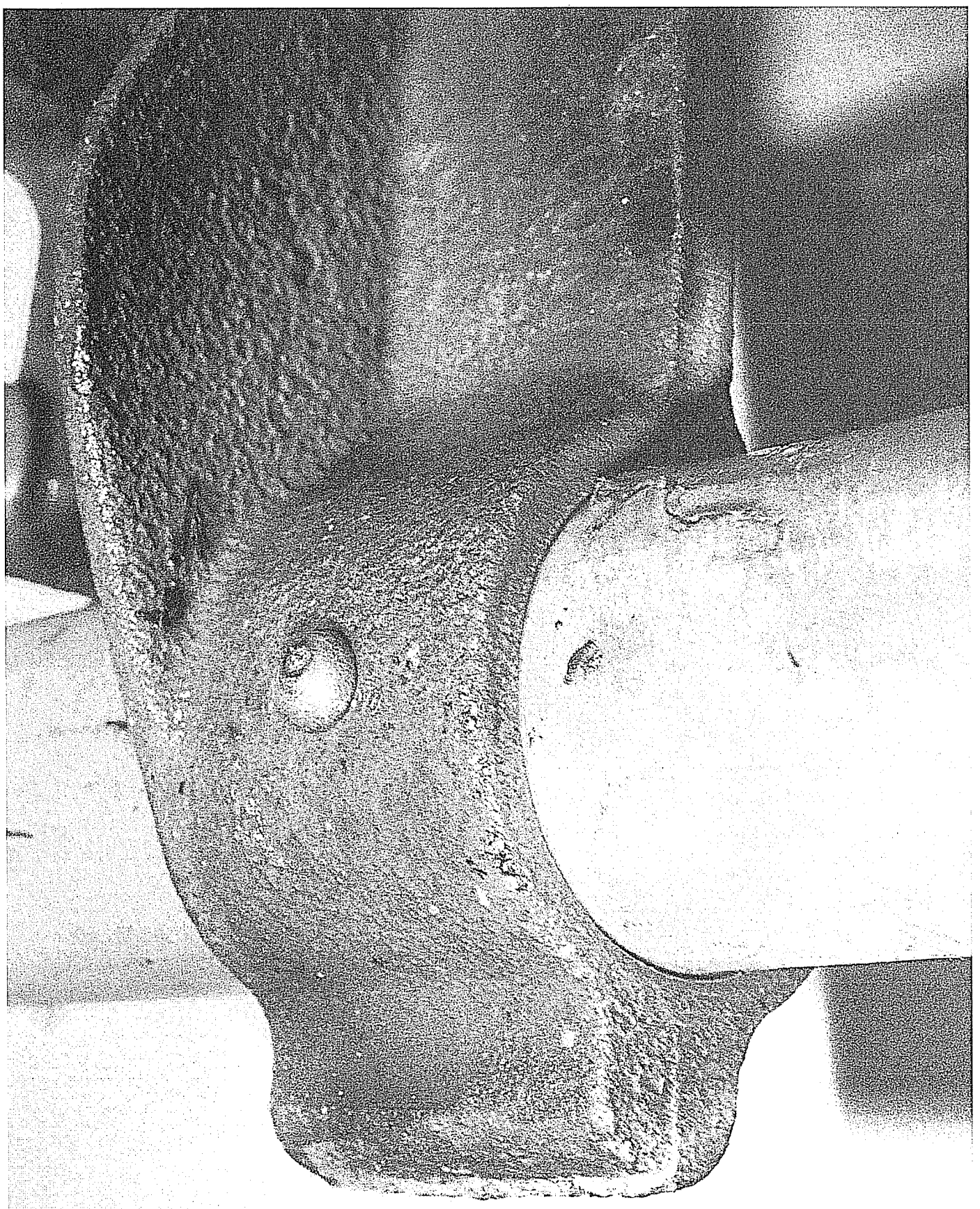


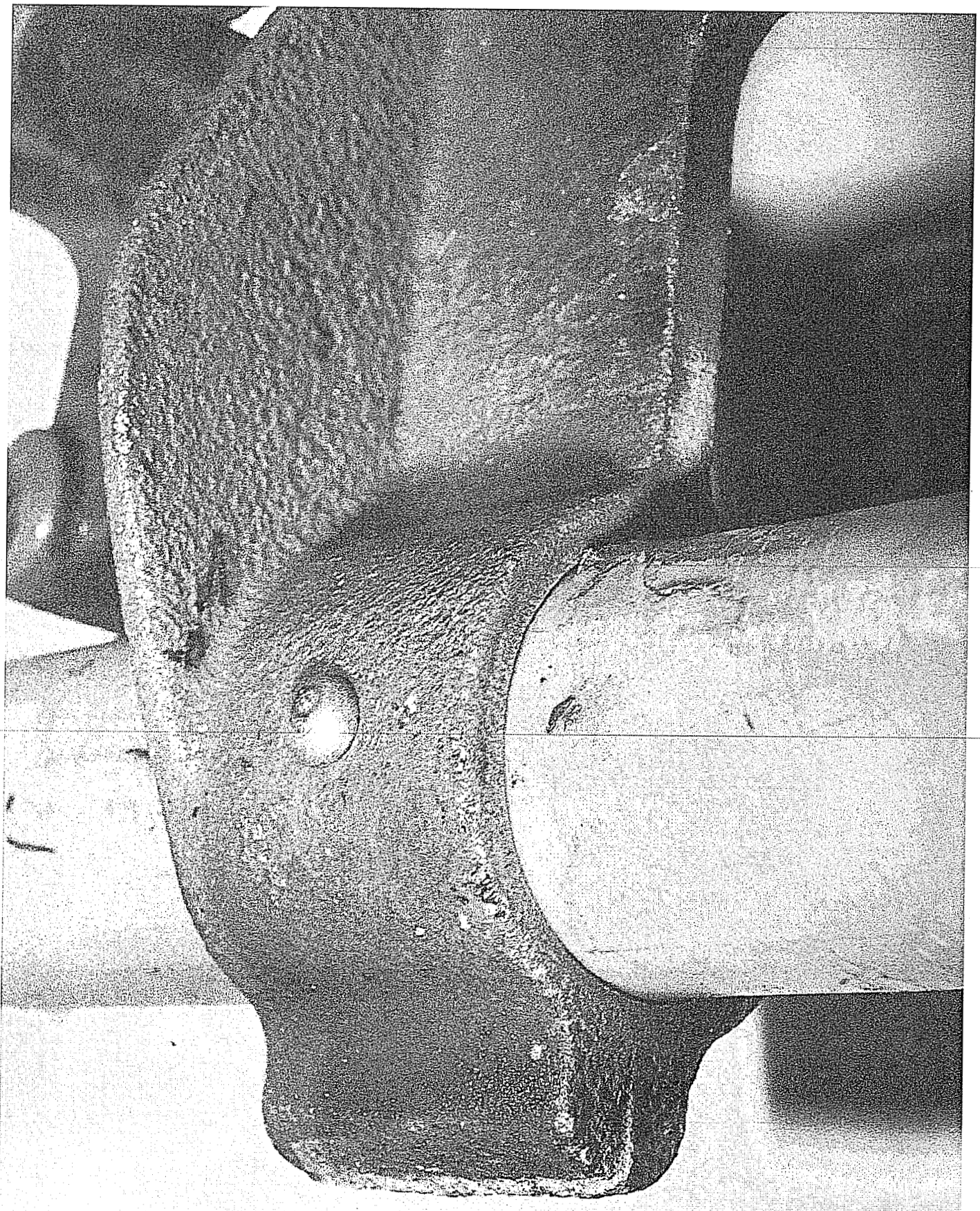












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