

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

AMERICAN ELECTRIC POWER)
)
_____))
ALLEGED VIOLATION OF COMMISSION) CASE NO. 96-510
REGULATIONS 807 KAR 5:006 AND 807 KAR 5:041)
)

O R D E R

American Electric Power ("AEP") is an investor-owned corporation doing business in Kentucky which engages in the generation, production, transmission, and distribution of electricity to or for the public, for compensation, for lights, heat, power, or other uses. It is a utility subject to Commission jurisdiction. KRS 278.010.

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 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"). The Commission has also promulgated 807 KAR 5:006, Section 25(3), which requires each utility to keep appropriate inspection records. Such records should identify the inspection made, deficiencies found, and action taken to correct the deficiencies. The Commission likewise has promulgated 807 KAR 5:006, Section 25(4)(d), which requires each utility to inspect electric lines operating at voltages

of less than 69 KV, including insulators, conductors, and supporting facilities, at intervals not to exceed two years.

Commission Staff has submitted to the Commission a Utility Accident Investigation Report dated September 24, 1996, appended hereto, which alleges:

1. On July 5, 1996, due to the fact that a mimosa tree had grown into a 34.5 KV three phase line near the residence of Nora Morris in Leslie County, Kentucky, an outside phase conductor burned in two and fell on Ms. Morris' chain link fence and house. The house was damaged as a result of the contact. Although the elderly Ms. Morris was home at the time of the incident, she was not injured.

2. AEP's failure to trim or remove the tree represents an apparent violation of NESC Rule 218 A.1.,¹ and thus an apparent violation of 807 KAR 5:041, Section 3, which requires AEP to maintain its plant and facilities in accordance with NESC standards.

3. AEP has no record of any inspection of the line prior to the incident. This lack of inspection records represents an apparent violation of 807 KAR 5:006, Section 25(3), which requires AEP to keep appropriate inspection records.

¹ NESC 218 A.1: Trees which may interfere with ungrounded supply conductors should be trimmed or removed.

NOTE: Normal tree growth, the combined movement of trees and conductors under adverse weather conditions, voltage, and sagging of conductors at elevated temperatures are among the factors to be considered in determining the extent of trimming required.

4. As AEP has no inspection records there is no evidence that the line in question had been inspected within the last two years as required.² This failure to inspect at intervals not to exceed two years represents an apparent violation of 807 KAR 5:006, Section 25(4)(d), which requires AEP to conduct such inspections.

Based on its review of the Utility Accident Investigation Report, and being otherwise sufficiently advised, the Commission finds that prima facie evidence exists that as a result of AEP's failure to inspect the line and maintain it in compliance with NESC Rule 218 A.1., AEP is in probable violation of 807 KAR 5:041, Section 3, 807 KAR 5:006, Section 25(3), and 807 KAR 5:006, Section 25(4)(d).

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

1. AEP 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 and this Order.

2. AEP shall appear before the Commission on January 7, 1997, at 10:00 a.m., Eastern Standard Time, in Hearing Room 2 of the Commission's offices at 677 Comanche Trail, Frankfort, Kentucky, for the purpose of presenting evidence concerning the alleged violations of 807 KAR 5:006, Section 25(3), 807 KAR 5:006, Section 25(4)(d), and 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 its alleged failure to comply with Commission regulations.

² The fact that the mimosa tree that had grown into the line had been dead "for some time," as indicated in AEP's accident report, makes it unlikely that the line had been inspected recently.

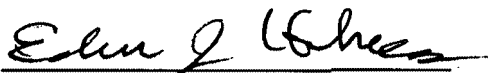
3. The Utility Accident Investigation Report of September 24, 1996, a copy of which is appended hereto, is hereby made a part of the record of this proceeding.

4. Any motion requesting an 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 November, 1996.

PUBLIC SERVICE COMMISSION


Chairman


Vice Chairman


Commissioner

ATTEST:

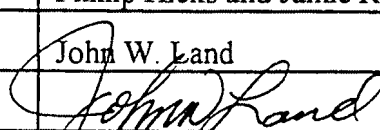

Executive Director

September 24, 1996

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**UTILITY ACCIDENT
INVESTIGATION REPORT**

Utility:	American Electric Power - Hazard Division			
Reported By:	John Campbell - Dispatcher			
Dates & Times				
Accident Occurred:	07/05/96 - 12:58 p.m.			
Utility Notified:	07/05/96 - 1:45 p.m.			
PSC Notified:	07/05/96 - 3:18 p.m.			
Investigated:	07/09/96 - 2:00 p.m.			
Written Report Rcvd:	07/09/96			
Location of Accident:	Nora Morris (home), HC 61, Box 2240, Hyden, Kentucky 41749			
Description of Accident:	A Mimosa tree had grown into a 34.5 KV three phase line near Nora Morris' residence on Hurricane Creek in Leslie County. The road phase burned down as a result of a tree contacting the line. When the line fell, it contacted the Morris' chain link fence and house. The house sustained some damage due to the contact. The amount of damage was unknown at the time of this investigation.			
Victims:				
Name:	Nora Morris	Fatal:	N/A	Age: 82
Addr./Empl.:	HC61, Box 2240, Hyden, Kentucky			
Injuries:	None			
Witnesses:	Name	Address/Employment		
	None			
Sources of Information:	Name	Address/Employment		
	Nora Morris	HC 61, Box 2240, Hyden, Kentucky		
	Michael G. Lasslo	AEP - Hazard Division, Hazard, Kentucky		
Probable Violations:	807 KAR 5:041, Section 3, 1990 NESC, Section 20, Sub Paragraph 218A.1, Tree Trimming 807 KAR 5:006, Section 25(3) 807 KAR 5:006, Section 25(4)(d)			

Line Clearances At Point of Accident:	Measured	Minimum Allowed by NESC	Applicable NESC Edition ¹	Volt.	Constr. Date
Phase Conductor to Ground Elevation:	35' - 5"	14' - 6"	1990	34.5KV	1970
Neutral Conductor to Ground Elevation:	23' - 0"	9' - 6"	1990	N/A	1970
Cable TV Conductor to Ground Elevation:	18' - 0"	9' - 6"	1990	N/A	1970
Date of Measurement:	07/05/96				
Approximate Temp.:	85°				
Measurements Made By:	Michael G. Lasslo, Sam Whitaker, Calvin Williams, Robert Pigman, Jeff Combs, Phillip Hicks and Jamie Rose - AEP - Hazard Division employees				
Investigated By:	John W. Land				
Signed:					

- Attachments A. AEP'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.

call 1-800-572 1113
Mike Lennolo

P. S. C.
ACCIDENT AND TROUBLE REPORT FORM

TODAY'S DATE 7-5-96 TIME 3:18 PM

COMPANY K.P.

PERSON REPORTING INCIDENT: NAME: John Campbell

TITLE: _____

ADDRESS: _____

PHONE NO: _____

ACCIDENT DESCRIPTION: ^{3P} ^{3450°} line fell on the house. Damage to the house. Tree ~~bush~~ contacted the line.

VICTIMS NAMES: No SEX ___ AGE ___ DEATH ___ INJURY ___
SEX ___ AGE ___ DEATH ___ INJURY ___
SEX ___ AGE ___ DEATH ___ INJURY ___

LOCATION OF ACCIDENT: Down Hurricane Creek Leslie County.

TIME OF OCCURRENCE: 12:53 PM.

TROUBLE DESCRIPTION: _____

TIME OF OCCURRENCE: _____

TIME OF RESUMPTION OF NORMAL SERVICE: _____

NUMBER OF CUSTOMERS AFFECTED: 107 customers out back sometimes this afternoon.

SIGNED _____

DATE _____

Attachment A
AEP's Accident Report

American Electric Power

FAX Transmission

From: Michael G. Lasslo
To: Crawford & Co.
Company:

Date: July 8, 1996
Time: 08:45AM
FAX #: 439-0157

Information for Nora Morris [REDACTED] damage claim.

Six pages including this page.

VOICE: 606-436-1340 FAX: 606-436-1343

1400 East Main Street, Hazard, Kentucky 41701

Date: July 5, 1996

Subject: Investigation of Property Damage at Nora Morris Residence

Investigation conducted by Michael G. Lasslo

Other employees at the scene: Sam Whitaker (Line Crew Supervisor), Calvin Williams (Line Mechanic A), Robert Pigman (Line Mechanic A), Jeff Combs (Line Crew Supervisor), Phillip Hicks (Line Mechanic A), Jamie Rose (Senior Technician).

At 12:58PM on July 5, 1996 a power outage occurred on Hurricane Creek in Leslie County. The outage resulted from a mimosa tree that had grown up into a 34.5kV three phase power line that feeds down Hurricane Creek (the mimosa tree had been dead for some time). The tree contact caused an outside phase conductor (#1/0 alum) to burn in two. The conductor then fell on a chain link fence and a house owned by Nora Morris. The resulting fault current caused some electrical arcing on the outside of the house which created some smoke and the Wooton Volunteer Fire Department was called by neighbors to respond.

Rob Gibson was the first employee to investigate the cause of the outage. When he found the damages to the Nora Morris residence, he called John Paul Campbell (Dispatcher) to report. John Paul Campbell then called me at home at 1:45PM to investigate due to the property damages involved. The other line mechanics and supervisors were sent to help repair the line. The technician was sent to make a sketch of the scene and to measure conductor clearances.

I arrived at the scene at 2:25PM. The fire department personnel had already left the scene. It appeared that the conductor had fell on a chain link fence near the rear of the house. The rear corner of the house was under the three phase line. (See sketch.) The line had adequate clearance over the structure. The neutral had line to ground clearance of 23ft and the center phase had line to ground clearance of 35.5ft. The Morris residence is a small single story frame constructed house with a basement. The line had been removed from the fence by Rob Gibson to allow safe access by the fire fighters. The fence is in physical contact with the house. The fault current appeared to have traveled through the metal downspouts and gutters around the perimeter of the house. There were black marks and holes through the guttering at several locations. (See photos). There was evidence of arcing from the guttering to the metal conduit at the service entrance location. There was evidence of arcing at the outside service disconnect for the customer's heat pump. There were several holes that had been melted through the vinyl siding that covers the house. Witnesses also reported that a window pane from an attic window had been blown out. (The condition of the glazing on the window was so poor the window pane may have fell out before the incident.) There was evidence of arcing on the chain link fence. (The neighbors said that the customer's metal gate had been welded shut by the incident. Fire fighters knocked the gate loose with a piece of wood.) We removed the cover to the customer's main switchbox which is located in the basement of the house. We found no damage or indication of electrical arcing. We also inspected the inside of the meter base which is located on the outside

of the house. We found no indication of arcing to the service entrance conductors themselves although there was evidence of arcing at the mounting screws for the meter base.

Nora Morris is an 82 year old woman who lives by herself. She was home at the time of the incident, but was not at the scene when I arrived. I spoke with two neighbors, Patsy Bowling and Brenda Shephard. The explained that Ms. Morris is not in good health and a home health nurse was scheduled to check on her at her house near the time of the outage. The nurse consulted with her doctor who told the nurse to transport Ms. Morris to the doctor for a better checkup because of the excitement of the events. (When the conductor fell, the neighbors heard three loud "booms", then when they saw smoke they called the fire department and Ms. Morris was evacuated from her house.)

I told the neighbors that the power would be restored to Hurricane Creek after repairs were made to the power line: however, power would not be restored to the Morris residence until the structure's internal wiring was thoroughly inspected. I referred the neighbor to the closest State Electrical Inspector a Mr. Morton Gibson.

When Ms. Shepherd called the doctor's office to check on Ms. Morris and to find out what Ms. Morris wanted to do, she learned that Ms. Morris was to be admitted to the hospital for observation due to high blood pressure. (She was to be admitted to either Mary Breckinridge Hospital in Hyden or the Appalachian Regional Medical Center in Hazard.)

Ms. Bowling told me that Ms. Morris had insurance on her house. She indirectly asked me of the power company's responsibilities. I told her that I was there to perform the initial investigation and that the matter would then be referred to our consultant, Crawford & Co.

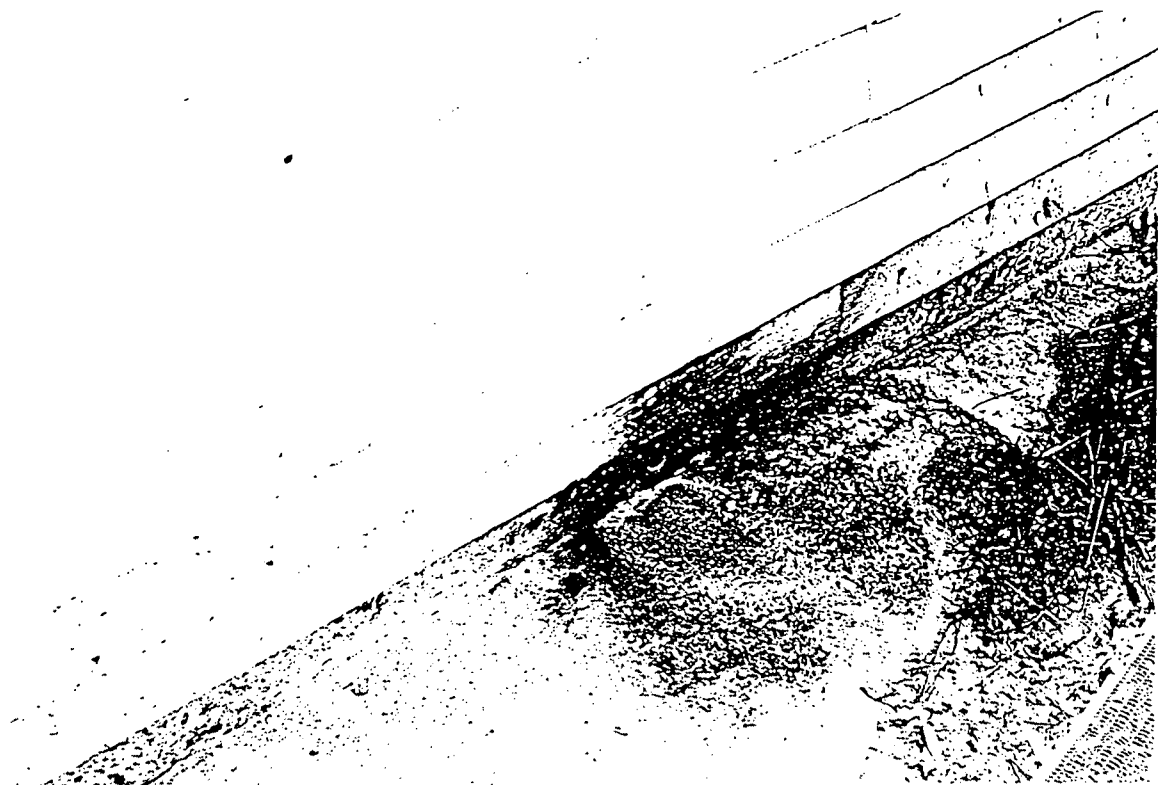
The company crews cut the mimosa tree that caused the outage and also trimmed an apple tree and a chestnut tree that were grown into the line within the same span of wire. The line was repaired and the power was restored to Hurricane Creek at 5:00PM.

Nora Morris Phone No. [REDACTED]

Patsy Bowling Phone No. [REDACTED]

Addendum: On Saturday, July 6, 1996, American Electric Power hired an electrician (Darryl Pennington of Appalachian Refrigeration) to check the electrical wiring and appliances within the residence after electric service was reconnected to the house. No damage was found. It appears that all the damage to the structure was located outside of the house. Ms. Morris was home at the time of the inspection. As it turns out she refused to be admitted to the hospital and spent Friday night at home without electric service. Our dispatcher John Campbell gave Crawford & Co.'s number to Ms. Morris.

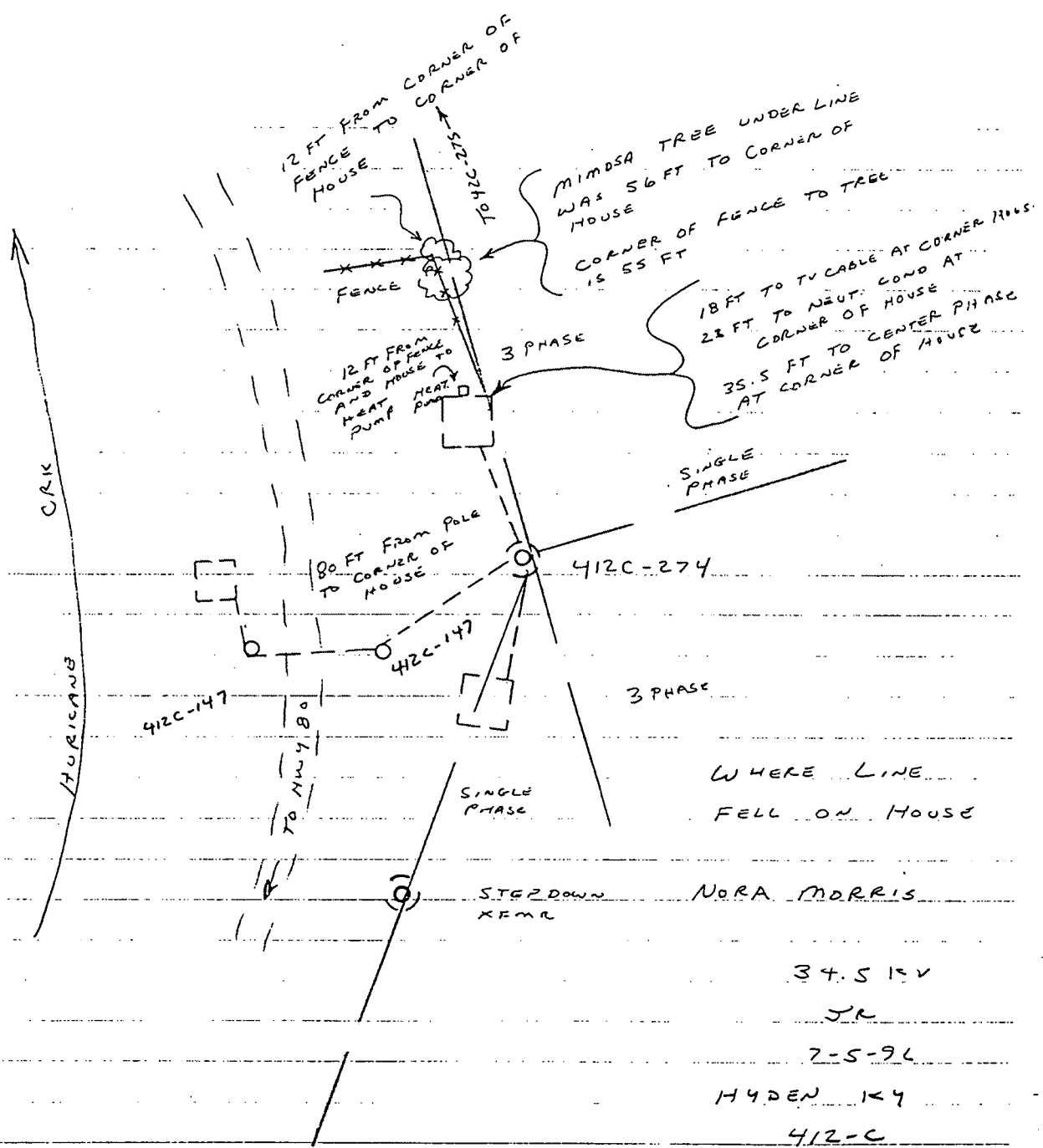






412-134
OCR POLE

34.5 KV



LOC ON RT 0.2 MILE DOWN HURRICANE CRK
FROM HWY 80 WHITE HOUSE ON RT

NORA MORRIS
34.5 KV
JR
7-5-96
HYDEN KY
412-C

RECEIVED BY / DISPATCHED TO Lampbell PIGMAN JEFF Combs DIVISION HANCOCK OF AREA 330

DATE 7-5-96 REASON FOR CALL Lines down MONTHLY REPORT NUMBER 79

CUSTOMERS NAME DOUGLAS Caldwell CUSTOMERS PHONE NO. 279 3360

CUSTOMERS ADDRESS HYDRA-CORP

STATION LESLIE LINE AND/OR CIRCUIT Hyden POLE NUMBER 412-274 412-134

ISOLATING DEVICE OCR NO OF PHASES 3 1 SIZE FUSE BLOWN / SIZE RECLOSER / SIZE SECT. 185A AT FAULT 1 TYPE FUSE RV AT ISOLATING DEVICE

CAUSE 1-LIMB

DAMAGED MATERIAL NIA MANUFACTURER _____ YEAR MANUFACTURED _____

SERIAL OR CATALOG NO _____ TYPE _____ SIZE _____

CONDUCTOR DAMAGE #2 AL GIVE SIZE, TYPE, CONSTRUCTION, SPAN LENGTH, CONDUCTOR SPACING, ETC.

VOLTAGE INVOLVED 34.5 KV WEATHER 0 SEVERITY 7 CONDITION

UNDERGROUND CABLE LOCATION OF DAMAGE _____ SPECIAL CATEGORIES _____ LOAD (KVA OPTIONAL) _____

TIME REPORTED	TIME OFF	TIME ON (1)	NO. OF CUST. (1)	TIME ON (2)	NO. OF CUST. (2)
<u>1258</u> <u>A.M.</u>	<u>1253</u> <u>P.M.</u>	<u>5:00</u> <u>P.M.</u>	<u>107</u>	<u>138</u> <u>P.M.</u>	<u>1</u>

OTHER-DESCRIBE _____

COMPLETED BY JPC CUSTOMER VERIFICATION _____

MONTHLY REPORT NO. 017 NO. 015 YR. 916 CO. 3 STA. 3039 CIR. 01 DIV. 013 OPER. AREA 111

FAULT AT 04112000274 POLE NO. 04112000134 TIME OFF 1253 TIME ON (1) 1700 DAYS 0

NO. OF CUST. 107 ON (2) 1338 DAYS 1 NO. OF CUST. 01001 D/C CODE 1 MFG. 1 YR. 25 COND. SIZE 002

1-PH. 011 OYHD/UG CONF. 011 OYHD POLE STR/UG CABLE 011 FUSE/REC/SECT. 185 TYPE 1-T 4-SILVER K POWER 1 ISOL DEVICE 1 CAUSE 06 COND. COMP. DMG 5 TYPE 0

DIST. VOLT. INVOLVED 115 MATERIAL DAMAGED 28 TYPE OF DAMAGE 0 WEATHER SEVERITY 0 WEATHER CONDITION 7 UG. CABLE DAMAGE LOCATION _____ SPECIAL CATEGORY _____

COLD LOAD P.U. DURATION 1 HOURS 1 MIN. 0 NUMBER OF CUSTOMERS 107 D/C CODE 1 CARD CODE 2

FORM EE-42 REV. 1/1/83 TROUBLE, DAMAGE AND INTERRUPTION REPORT

Kentucky Power Company
608 High Street
P. O. Box 958
Hazard, KY 41701-0958
606-436-1212

Public Service Commission
Division of Engineering Services
Electrical Section
P. O. Box 615
Frankfort, Ky 40602



Date: 07/05/96

RE: Major Outage

Gentlemen:

Following are details related to a major loss of service to our customers as reported to MR EL-ROVAHEB by phone 07/05/96.
(PSC Representative) (Date reported to PSC)

Station: LESLIE Circuit: HYDEN Voltage: 34.5 KV
Weather: LIGHT-FAIR # of Customers affected: 107
Isolating Device: OCR 1-185A "RV" Pole # if line device: 412-134
of Phases involved: 1 Cause: TREE CONTACT
Major customers & areas affected: LEECO COAL - DOWN HURRICANE CREEK (LESLIE COUNTY)
Sensitive customers involved: N/A

* Damage or injury to public: SEE ATTACHED DAMAGE REPORT

Time off: 1253 Time reported to KPC: 1258 **Time reported to PSC: 1534
Time on: 1700 # Customers restored: 106 Duration: Hrs. 4 Min. 07
* Time on: 1338 # Customers restored: 1 Duration: Hrs. 24 Min. 45
Time on: _____ # Customers restored: _____ Duration: Hrs. _____ Min _____

Additional Comments: * Appliances & HEAT pump CHECKED By ELECTRICIAN & AEP SERVICER. ALL O.K.

Prepared by: J. Campbell Reviewed by: _____

- * Complete Form KY 373 for property damage or injury.
- ** Reportable to PSC if 500 or more customers affected for over 4 hours.

- c: Division Manager
- Division Human Resources Supervisor
- Division T&D Line Supervisor
- Division Superintendent
- GO T&D Manager Ashland
- GO Human Resources Labor Relations & Safety Manager
- Vice President

KY-373
REV. 4/91

KENTUCKY POWER COMPANY
ACCIDENT SUMMARY REPORT

INJURED PERSON:	NAME	No INJURY INVOLVED		AGE
	ADDRESS			PHONE NUMBERS: HOME: BUS:
	OCCUPATION	EMPLOYED BY		
TIME & PLACE	DATE & TIME OF LOSS OR ACCIDENT	LOCATION (LESUE COUNTY)	DIVISION	
PERSONAL INJURY	NATURE & EXTENT OF INJURY	Down HURRICANE CRACK	Hyden 14	
	WHERE WAS INJURED TAKEN AFTER ACCIDENT			NAME OF DOCTOR
PROPERTY DAMAGE:	OWNER	Ms NORA MORRIS		PHONE NUMBERS: HOME: (606) 279 4011 BUS: N/A
	ADDRESS	HC 61 BX 2240 HYDEN 41749		
	LIST DAMAGE	Some Soffit VINYL SLING & GUTTERING SERVICE WAS DISCONNECTED & TO BE RECONNECTED AFTER INSPECTION BY STATE INSPECTOR.		ESTIMATED COST: ?
WITNESSES:	OBTAIN THE NAMES AND ADDRESSES OF DISINTERESTED WITNESSES WHO KNOW ANYTHING ABOUT THE OCCURRENCE INCLUDING DATE, BADGE NO. OR NAME OF POLICE AUTHORITY TO WHOM THE ACCIDENT WAS REPORTED			
IT IS IMPORTANT TO GIVE FULL NAME & ADDRESS OF EVERY WITNESS	NAME			PHONE NUMBERS: HOME: BUS:
	ADDRESS			
	NAME			PHONE NUMBERS: HOME: BUS:
	ADDRESS			
DESCRIP-TION OF ACCIDENT:	NAME			PHONE NUMBERS: HOME: BUS:
	ADDRESS			
	TREE GREW UP INTO 1 Ø OF 3 Ø 34.5 KV LINE. LINE BURNT IN TWO AND FELL ONTO ROOFTOP OF Ms MORRIS' HOUSE. SUSPECT NOT \$25,000.00 DAMAGE. CLAIM TO BE TURNED OVER TO CRAWFORD & CO ADJUSTERS			
	TELE A [REDACTED]			
IT IS IMPORTANT THAT ANY ARTICLE, PART OR APPLIANCE CAUSING THE OCCURRENCE BE CAREFULLY PRESERVED. ATTACH SKETCH IF APPROPRIATE				
DATE		SIGNATURE		

ACCT [REDACTED] ACTIVE DUE 11/17 020 022 RS EL HT WTR HTR
 NAME MORRIS NORA LEE AAD ON 091481
 ADDR HURRICANE CREEK RRD
 CITY HYDEN KY 41749 ACTIVITY
 METR 00006 6 62034297 DATE: 07/06/96 TIME: 09:04
 DATA ----- MISCELLANEOUS DATA ----- PAGE 01
 -----MAIL TO DATA----- --NO THIRD PARTY DATA-----

HC 61 BX 2240
 HYDEN KY 41749-9702

-----NO REMARKS-----	TAX CL	MULT	BASE	AMOUNT	CRMTRAMT	66.20
	1ST 8	0.0000	.00	.00	DSH CODE	231
	2ND 0	0.0300	.00	1.99	EMP CD	
-----NO EPP DATA-----					EXT DUE DT	
					FUEL	1.25
					FUEL RT	.0009343
					SPL ADD	
					SPL HANDLE	00
					SPL MIN	
					TOD MO CNTR	
					TELE	

ACCT [REDACTED] ACTIVE DUE 11/17 020 022 RS EL HT WTR HTR
 NAME MORRIS NORA LEE AAD ON 091481
 ADDR HURRICANE CREEK RRD
 CITY HYDEN KY 41749 ACTIVITY
 METR 00006 6 62034297 DATE: 07/06/96 TIME: 09:22
 MTRI ----- METER INFORMATION ----- PAGE 02
 ----- CHANGE METER DATA -----

I	CHANGE	PREV	OUT	OUT MTR	USE ON	CHANGE		
D	DATE	READ	READ	CONSTANT	OUT MTR	DEMAND	ID	NUMBER
K1							S1	330412000274
K2							T1	330412000274
K3								

ENTER TRAN CODE OR PAGING REQUEST MTRI

DAS DISTRIBUTION CIRCUIT BREAKER OPERATION REPORT - HAZARD
Operations from 07-05 12:44:35 thru 07-05 12:54:37 DST

Date/Time	Station	Device	Sym	Status	Circuit
07-05 12:53:20	LESLIE	34 KV OCB	E	CLOSED	HYDEN
07-05 12:53:20	LESLIE	34 KV OCB	E	OPEN	HYDEN
07-05 12:53:28	LESLIE	34 KV OCB	E	CLOSED	HYDEN
07-05 12:54:09	LESLIE	34 KV OCB	E	CLOSED	HYDEN
07-05 12:54:09	LESLIE	34 KV OCB	E	OPEN	HYDEN
07-05 12:54:17	LESLIE	34 KV OCB	E	CLOSED	HYDEN

Last Report: 07-03 15:12:37

JUL 5 '96 11:20

AP System Operation PAGE.001

070596

1339 hrs, permit issued to robert pigman, who is responsible for all necessary tagging, isolating, testing and grounding of faulted ocr 412-134 leslie-hyden 34.5 kv circuit. robert reported one phase down and lying on rooftop of house with extensive damage done. says window blown out of house and that a supervisor is needed to investigate. mike lasslo, t & d superintendent, on vacation and contacted at home, responded.

1405 hrs, robert reported the ocr to be isolated and that #2a1 is only material required to put line back in service.

1510 hrs, robert reported 2nd pole from ocr, 412-274, was pole at fault.

1512 hrs, mike lasslo reported that he did not feel that \$25,000 damage had occurred & mike reported that the fuse box did not appear to have been damaged and that the service had been disconnected for safety and would have to be inspected for safety (customer not at home).

1518 hrs, psc office contacted and at 1518 hrs, secretary reported that contact people were on break and would return in 15 minutes.

1534 hrs, mr El-Rouaiheb returned call and was informed of the above incident.

TDIR NO: 0 TROUBLE TICKET TICKET NO: S 2511
TAKEN BY: AEF OFFICE COPY OUTAGE NO: 79

NAME: CALDWELL DOUGLAS STA-CKT: 3039-03
ADDR: HURRICANE CRK STA-NAME: LESLIE
CITY: HYDEN KY 00000-0000 CKT-NAME: HALSFORK
METER: 00006 0 72857914 CUST ID: [REDACTED]
POLES: SVC: 330412000056 XFMR: 330412000057

CALLER: CALDWELL DOUGLAS PHONE: PR: [REDACTED]
RETURN CALL: Y CB: [REDACTED]
REPORTED: 07/05/96 12:58 CALL #: 1

TRBL: ALL OUT

EQUIP:
PROB:
TRBC: CAUSE NOT REPORTED
INSTRUCTIONS: HEARD LOUD NOISE---LINES DOWN---SAW LOT OF SMOKE

DIRECTIONS:

CREW: _____ RADIO: _____ DATE: _____ TIME: _____ BY: _____
CALL BACK DATE: _____ TIME: _____

TDIR NO: 0 TROUBLE TICKET TICKET NO: S 2511
TAKEN BY: AEF ***** FIELD COPY ***** OUTAGE NO: _____

NAME: CALDWELL DOUGLAS STA-CKT: 3039-03
ADDR: HURRICANE CRK STA-NAME: LESLIE
CITY: HYDEN KY 00000-0000 CKT-NAME: HALSFORK
METER: 00006 0 72857914 CUST ID: [REDACTED]
POLES: SVC: 330412000056 XFMR: 330412000057

CALLER: CALDWELL DOUGLAS PHONE: PR: [REDACTED]
RETURN CALL: Y CB: [REDACTED]
REPORTED: 07/05/96 12:58 CALL #: 1

TRBL: ALL OUT

EQUIP:
PROB:
TRBC: CAUSE NOT REPORTED
INSTRUCTIONS: HEARD LOUD NOISE---LINES DOWN---SAW LOT OF SMOKE

DIRECTIONS:

CREW: _____ RADIO: _____ DATE: _____ TIME: _____ BY: _____
CALL BACK DATE: _____ TIME: _____

165 RP 1-UMB
Issued 1:39 PM "Tree Contact"
Permit To R.P. 1 down
Ocr ISO 20SP
#2 AC

RP. 310P 2nd from Ocr
412-274
M.L. 312P \$25,000
SIBOX OK. CUST OFF TIC INSPECTED
315P 318P
ELI on BREAK - TO RETURN CALL
334P ELI - PSC Informed.

TDIR NO: 0 TROUBLE TICKET TICKET NO: S 2513

TAKEN BY: JWC OFFICE COPY OUTAGE NO: _____

NAME: COLLINS WENDY STA-CKT: 3039-03
ADDR: HURRICANE CRK STA-NAME: LESLIE
CITY: HYDEN KY 00000-0000 CKT-NAME: HALSFORK
METER: 00006 0 64809285 CUST ID: [REDACTED]
POLES: SVC: 330412000213 XFMR: 330412000273

CALLER: COLLINS WENDY PHONE: PR: [REDACTED]
RETURN CALL: Y CB: [REDACTED]
REPORTED: 07/05/96 12:59 CALL #: 1

TRBL: ALL OUT NEIGHBOR OUT

EQUIP:
PROB:

TRBC: CAUSE NOT REPORTED
INSTRUCTIONS: SAID HEARD FUSE BLOW / SHE ALSO SAID SHE SAW SMOKE AND NOW THERE IS A GROUP OF PEOPLE STANDING AROUND THE POLE/ DOESNT KNOW WHAT IS GOING ON
TRLR
DIRECTIONS: TURN ON HURRICANE 1/4 MILE

CREW: _____ RADIO: _____ DATE: _____ TIME: _____ BY: _____

CALL BACK DATE: _____ TIME: _____

*157 off site down
towards Jeff
Mont*

TDIR NO: 0 TROUBLE TICKET TICKET NO: S 2513

TAKEN BY: JWC ***** FIELD COPY ***** OUTAGE NO: _____

NAME: COLLINS WENDY STA-CKT: 3039-03
ADDR: HURRICANE CRK STA-NAME: LESLIE
CITY: HYDEN KY 00000-0000 CKT-NAME: HALSFORK
METER: 00006 0 64809285 CUST ID: [REDACTED]
POLES: SVC: 330412000213 XFMR: 330412000273

CALLER: COLLINS WENDY PHONE: PR: [REDACTED]
RETURN CALL: Y CB: [REDACTED]
REPORTED: 07/05/96 12:59 CALL #: 1

TRBL: ALL OUT NEIGHBOR OUT

EQUIP:
PROB:

TRBC: CAUSE NOT REPORTED
INSTRUCTIONS: SAID HEARD FUSE BLOW / SHE ALSO SAID SHE SAW SMOKE AND NOW THERE IS A GROUP OF PEOPLE STANDING AROUND THE POLE/ DOESNT KNOW WHAT IS GOING ON
TRLR
DIRECTIONS: TURN ON HURRICANE 1/4 MILE

CREW: _____ RADIO: _____ DATE: _____ TIME: _____ BY: _____

CALL BACK DATE: _____ TIME: _____

TDIR NO: 0 TROUBLE TICKET TICKET NO: S 2518
TAKEN BY: BGR OFFICE COPY OUTAGE NO: 79

NAME: ASHER DONALD R STA-CKT: 3039-03
ADDR: HURRICANE CRK STA-NAME: LESLIE
CITY: HYDEN KY 00000-0000 CKT-NAME: HALSFORK
METER: 00006 0 17159868 CUST ID: [REDACTED]
POLES: SVC: 330413000325 XFMR: 330413000269

CALLER: ASHER DONALD R PHONE: PR: [REDACTED]
RETURN CALL: Y CB: [REDACTED]
REPORTED: 07/05/96 13:17 CALL #: 1

TRBL: ALL OUT

EQUIP:
PROB:

TRBC: CAUSE NOT REPORTED
INSTRUCTIONS: ALL OUT POWER LINES ON HOUSE NORA LEE HUFFS HOUSE

TRLR
DIRECTIONS: PRICHARDS FORK ABOUT 1/2 MILE TO MILE TRLR IS WHITE LEFT SIDE OF ROAD

CREW: _____ RADIO: _____ DATE: _____ TIME: _____ BY: _____

CALL BACK DATE: _____ TIME: _____

NOT IN SERVICE

8

TDIR NO: 0 TROUBLE TICKET TICKET NO: S 2518
TAKEN BY: BGR ***** FIELD COPY ***** OUTAGE NO: _____

NAME: ASHER DONALD R STA-CKT: 3039-03
ADDR: HURRICANE CRK STA-NAME: LESLIE
CITY: HYDEN KY 00000-0000 CKT-NAME: HALSFORK
METER: 00006 0 17159868 CUST ID: [REDACTED]
POLES: SVC: 330413000325 XFMR: 330413000269

CALLER: ASHER DONALD R PHONE: PR: [REDACTED]
RETURN CALL: Y CB: [REDACTED]
REPORTED: 07/05/96 13:17 CALL #: 1

TRBL: ALL OUT

EQUIP:
PROB:

TRBC: CAUSE NOT REPORTED
INSTRUCTIONS: ALL OUT POWER LINES ON HOUSE NORA LEE HUFFS HOUSE

TRLR
DIRECTIONS: PRICHARDS FORK ABOUT 1/2 MILE TO MILE TRLR IS WHITE LEFT SIDE OF ROAD

CREW: _____ RADIO: _____ DATE: _____ TIME: _____ BY: _____

CALL BACK DATE: _____ TIME: _____

REPORT NO : OSPOFD08 AMERICAN ELECTRIC POWER SYSTEM DATE: 07/06/96
OFFICE CD : 03016 PSP/OPS JOB REQUEST TIME: 12.08.25
OFFICE DECODE: HAZARD KENTUCKY POWER COMPANY PAGE: 1

DEPARTMENT RELEASED TO LINE

STATUS PENDING, APPROVED PHASE ____ OF ____
AREA OFFICE ____ SECTION ____ JOB REQUEST ____

SERVICE/JOB NAME AEP RECONNECT SERVICE

WORK GROUP ____ ORDER NUMBER 038136321
REQUESTED BY ____ TYPE IW08 INT WORK - RELOCATIONS
DESIGNER ____ PRIORITY CODE _

RECEIVED __/__/__
RQST/READY DATE 07/06/96
SCHEDULED COMPLETE __/__/__

ORDER DESCRIPTION 1200 HRS, DARRELL PENNINGTON, ELECTRICIAN, REPORTS HE HAS TALK
TO MORTON GIBSON, STATE INSPECTOR, AND THAT NO INSPECTION REQU

SCHEDULING ZONE ____
LOC DESCRIPTION _____

WORK ORDER NUMBER 050-0000 OH

CLOCK HOURS ____ CREW SIZE ____ EQUIPMENT ID _____

OUTAGE REQUIRED? _
ASSIGNED TO _____

REMARKS: D. SAM WHITAKER TO RESPOND AND RECONNECT SERVICE WHEN DARRELL REP
ORTS ALL CIRUITS AND APPLICANCES SAFE WITHIN HOUSE.

MORE REMARKS? N

FORM NO. OSPRFD15
PROGRAM NO. OSPOFD02
REPRINT N

AMERICAN ELECTRIC POWER SYSTEM
KENTUCKY POWER COMPANY
ORDER PROCESSING SYSTEM
INTERNAL WORK CONSTRUCTION FIELD DPAGE

ORDER NO:030852295
DATE: 07/06/96
TIME: 11.38.36
1 OF 1

TYPE INT WORK - RIGHT OF WAY CLR

CO 03 DIVISION 03 AREA 016 SUB

STATUS:PA DESC:PENDING, ACTIVE
ORIGINATED BY CAMPBEJ

PHONE

PLANNED OUTAGE

JOB NAME AEP REMOVE DEBRIS
WORK LOCATION DOWN HURRICANE CREEK
SERV: HURRICANE CRK
ADDR HYDEN, KY

PROPERTY LOCATION NUMBER 330412000274
RQST/READY DATE 07/06/96

DESC: REFER TDIR #79, BRUSH PILED UP AT CUSTOMERS CHAIN LINK FENCE. NEE
DS TO BE REMOVED. THIS IS WHERE LINE FELL ONTO HOUSE ROOF TOP.

REPS: DESIGNER _____ LINE _____

ENGINEERING INFO:

WO NUMBER: 050 0000 WO TYPE: OH CI NO: 50050 PRIORITY 02
EST HRS JOB SITE _____ TOTAL LABOR _____
EST COST CONSTR _____ TOTAL _____

ZONE _____ TRUCK/SITE _____

CONSTRUCTION INFO :

SCHEDULE START DATE ___/___/___
ACTUAL START DATE ___/___/___
ACTUAL COMPL DATE ___/___/___ COMPLETED BY _____

REMARKS: _____

MORE REMARKS? N

OUTSTANDING REQUIREMENTS:
ENGR - CUST TO TREE WORK

MORE REQUIREMENTS? N

Facsimile Cover Sheet

American Electric Power
Kentucky Power Company
608 High Street
Hazard, KY 41701
Voice: 1 800 572 1113
FAX: 606-436-1275

Date: 7-10-96

Time: 1:58 pm

To: Mr. JOHN LAND

From: MIKE LASSLO / GLEN COMBS

Phone Number: [REDACTED] (GLEN)

3 pages are being transmitted including this cover sheet.

Notes or comments:

JOHN,

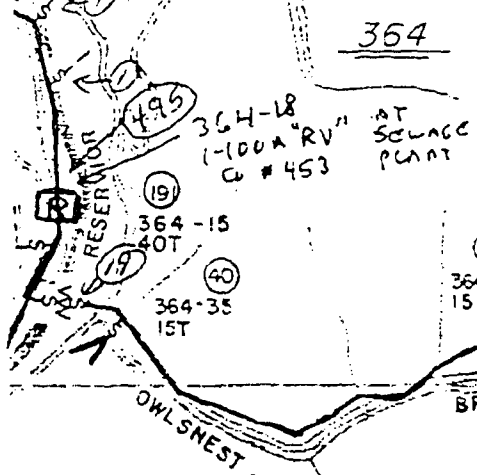
(1) Line was inspected on April 5, 1995
by George Neace.

(2) Isolating device was a 185A "RV" OCP
ON Pole A12C-13A

Please give me or Mike a call if we can
be of further assistance.

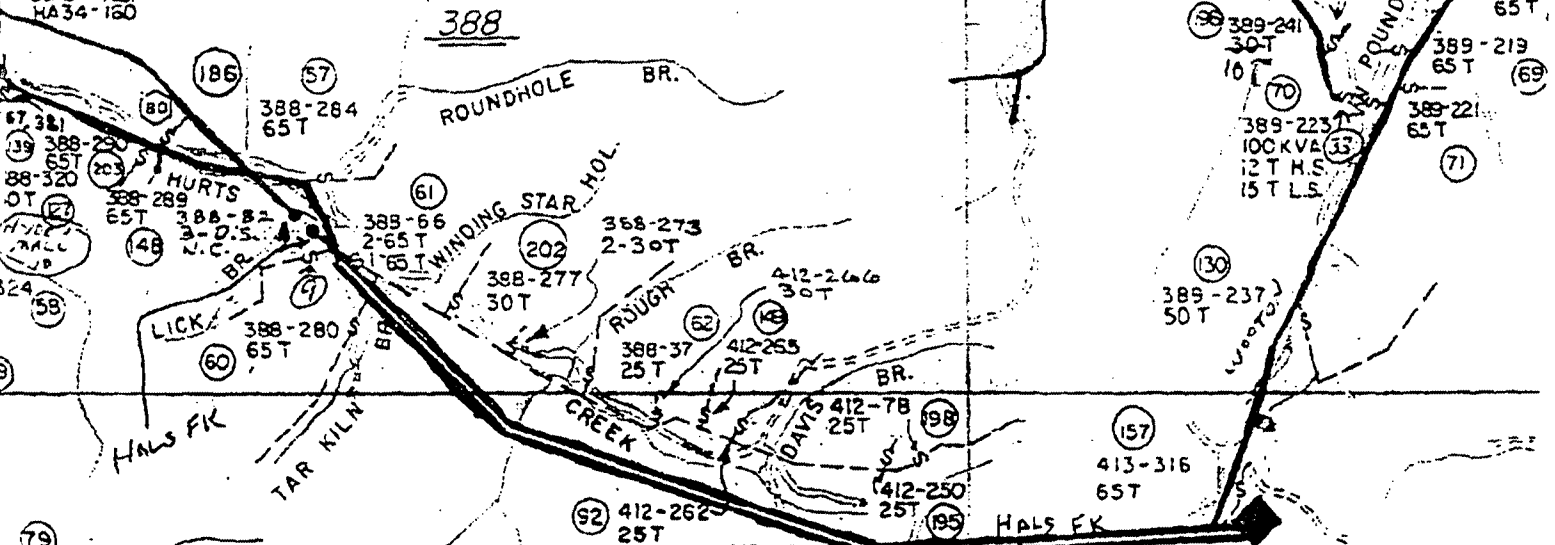
Glen Combs

354

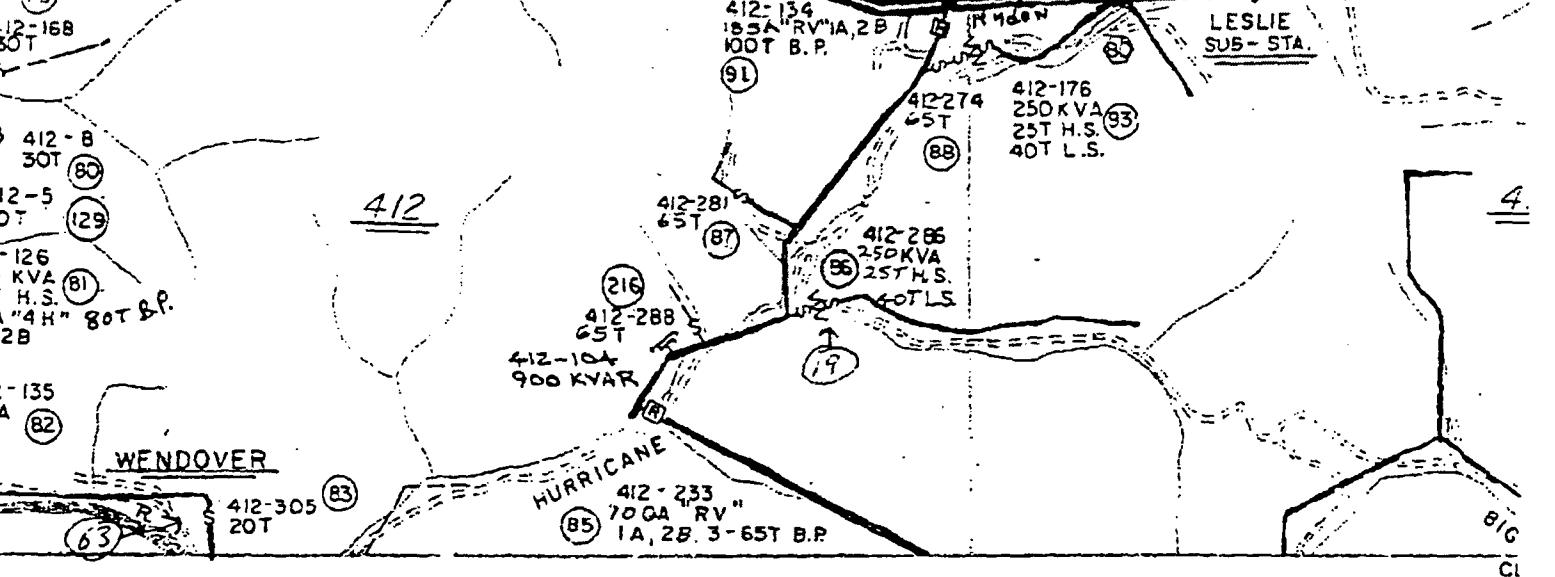


(110) 365-24
100A RV
1A, 2B,
3C
4C
5C
(217) 38
65
(49) 38
65

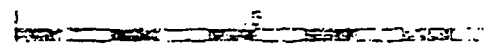
388

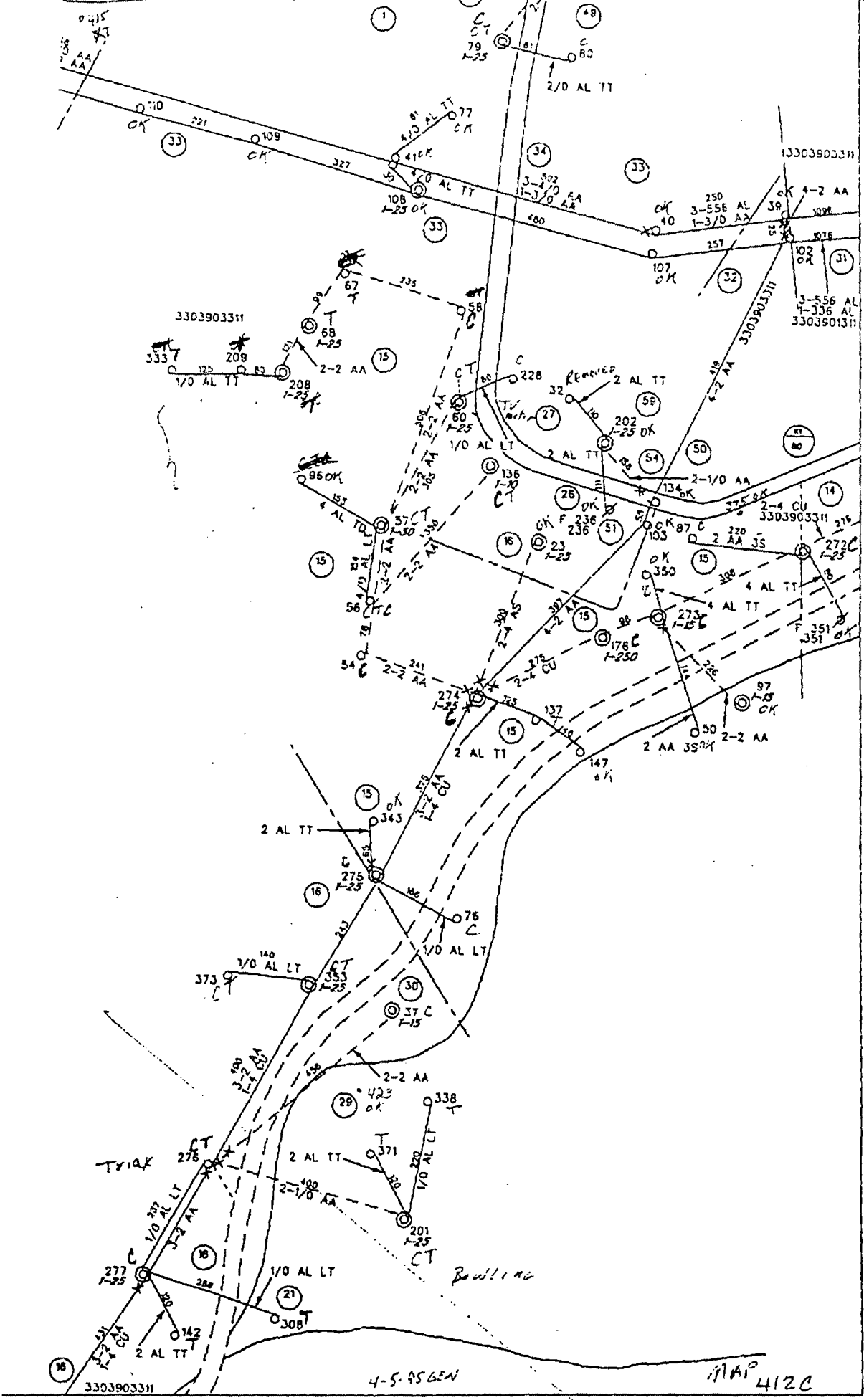


412



4





413A

4-5-95 GEN

MAP 412C

NORA MORRIS
HURICANE CREEK

Called @ 1:45pm

ARRIVED AT 2:25pm

Rob Pigman arrived at 1:30pm wire (345KV) burned down by Minner tree in the R/W wire sagging on fence appear to have arced to fence and around aluminum gutters of house. Several burn holes in gutters arced to service entrance conduit. Arcing evident at heat pump


Sam Whitaker } inspected
Rob Pigman } customer main
Phillip Hicks } switchbox
no evidence of burning or arcing

32 yrs old

Nora Morris, was home at time. Nurse was going to check on her at home but doctor told nurses aid took her in. (Nurse check was unrelated to the event.)

Fire dept had responded

Ripped off soffitt on corner of house to check for fire in roof.

 Patsy Bowling neighbor
Brenda Shephard (Patsy's daughter)

Recommend to Bowling & Shephard to get wiring inspected before we would reconnect power to house (Mrs Shephard was to call Mrs Morris at doctor).

Told Mrs Bowling we would have care referred to Crawford & Crawford.

To John Land - Ky PSC

Re: Information Nora Morris.

Q1. Last system inspection:
There is no record of a system PSC inspection. The last one would have been prior to 1991. No records exist.
George Neace, the technician who is doing our PSC inspections now, was at this pole on 4-5-95. At that time, all he was doing was an inventory of foreign attachments.

Q2. Date of construction of facilities.
Poles 412C-274 and 275 were installed in June 1970. Lightning arresters, cutouts changed in 1977 (conversion to 34.5KV operation)

Q3. Right of Way re-clearing records show that Hurricane Creek was re-cleared 8-93.

Attachment B

Photographs of Accident Site



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STYLE NO. 46-6P

