

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

JACKSON PURCHASE ELECTRIC )  
COOPERATIVE CORPORATION, INC. )  
 )  
AND )  
 )  
BALLARD RURAL TELEPHONE COOPERATIVE ) CASE NO. 10323  
CORPORATION, INC. )  
 )  
 )  
 )  
\_\_\_\_\_ )  
ALLEGED FAILURE TO COMPLY WITH )  
COMMISSION REGULATIONS )

ORDER TO SHOW CAUSE

Jackson Purchase Electric Cooperative Corporation, Inc. ("Jackson Purchase"), which engages in the distribution of electricity to the public for light, heat, power, and other uses, is a utility under the jurisdiction of this Commission.

Ballard Rural Telephone Cooperative Corporation, Inc. ("Ballard"), which engages in the transmission over wire of messages by telephone for the public, is a utility under the jurisdiction of this Commission.

KRS 278.280(2) directs us to prescribe rules for the performance of services by a utility. Commission Regulation 807 KAR 5:041, Section 3 requires utilities engaged in the distribution and transmission of electricity to maintain their plant and facilities in accordance with the standards of the National Electric Safety Code (1981 edition). Commission

Regulation 807 KAR 5:061, Section 2 requires utilities providing telephone service to do likewise.

The Commission Staff has submitted to this Commission an Electrical Utility Accident Investigation Report dated June 28, 1988, attached hereto as Appendix A which states that:

1. On April 21, 1988, Wilbur Nall III was fatally injured in Kevil, Kentucky, when he came into contact with a 7200 volt single phase overhead line owned and maintained by Jackson Purchase. At the time of the accident, Mr. Nall was attempting to extricate a transport truck from two low-hanging utility lines, a neutral conductor owned and maintained by Jackson Purchase and a communications conductor owned and maintained by Ballard.

2. At the time of the accident, all three lines failed to meet the minimum vertical clearance standards for above ground wires and conductors as established by National Electric Safety Code Rule 232A.

3. Jackson County violated Commission Regulation 807 KAR 5:041, Section 3, by failing to comply with the standards of the National Electric Safety Code.

4. Ballard violated Commission Regulation 807 KAR 5:061, Section 2, by failing to comply with the standards of the National Electric Safety Code.

WHEREFORE, this Commission on its own motion, hereby ORDERS that:

1. Jackson Purchase and Ballard shall each submit to this Commission a written response to the allegations contained in the

Electrical Utility Accident Investigation Report within 14 days of the date of this Order.

2. Jackson Purchase and Ballard shall appear on October 6, 1988, at 1:00 p.m., Eastern Daylight Savings Time, in this Commission's offices at Frankfort, Kentucky, for the purposes of presenting evidence concerning the incident which is the subject of the Electrical Utility Accident Investigation Report, specifically the alleged violations of 807 KAR 5:041, Section 3, and 807 KAR 5:061, Section 2, and of showing cause, if any they can, why they should not be subjected to the penalties of KRS 278.990 for their failure to comply with Commission regulations.

3. The Electrical Utility Accident Investigation Report dated June 28, 1988 is hereby made as a part of the record of this case.

Done at Frankfort, Kentucky, this 21st day of July, 1988.

PUBLIC SERVICE COMMISSION

  
Chairman

  
Vice Chairman

  
Commissioner

ATTEST:

\_\_\_\_\_  
Executive Director

MEMORANDUM

TO: Claude G. Rhorer, Jr., Director *CR*  
Division of Engineering and Services

THRU: J. Wayne Bates, Manager *WB*  
Communications and Electric Branch

FROM: John W. Land *JWL*  
Utility Investigator, Sr.  
Electric Branch

DATE: June 28, 1988

SUBJECT: Accident Investigation Involving Jackson Purchase  
Electric Distribution System

Attached please find the Report on the investigation of the accident in which Mr. Russell H. Kitchens was fatally injured.

JWL:jsb

Attachments: A. PSC Electrical Utility Accident Investigation  
B. PSC Accident and Trouble Report  
C. Jackson Purchase Accident Report  
D. Newspaper Article on Accident  
E. Police Report (Officer Jack Dy)  
F. Certification of Coroners Case  
G. Sketch of Accident Site (Jackson Purchase)  
H. Pictures of Accident Site  
I. Work Order Showing Construction Date of Lines

ATTACHMENT A

ELECTRICAL UTILITY ACCIDENT INVESTIGATION

DATE OF THIS REPORT June 28, 1988 SUBMITTED BY John W. Land

NAME OF UTILITY Jackson Purchase Electric Cooperative Corporation

ACCIDENT REPORTED BY David Stiles General Manager

DATE & TIME UTILITY LEARNED OF ACCIDENT July 1, 1988 - 11:40 A.M.

DATE & TIME ACCIDENT REPORTED July 1, 1988 2:50 P.M.

DATE AND TIME ACCIDENT OCCURRED July 1, 1988 11:30 A.M.

DATE OF ACCIDENT INVESTIGATION July 6, 1988

DATE SUMMARY WRITTEN REPORT WAS RECEIVED FROM UTILITY \_\_\_\_\_

PERSONS ASSISTING IN THE INVESTIGATION Don Schaefer-Manager

Engineering-William McElya-Journeyman Lineman Bucket Truck Operator-

Kenneth Johnson-Sub. Foreman

NAME OF VICTIM(S) 1. Russell H. Kitchens SEX M AGE 27

FATAL X NAME OF EMPLOYER: \_\_\_\_\_

INJURIES \_\_\_\_\_

2. \_\_\_\_\_ SEX \_\_\_\_\_ AGE \_\_\_\_\_

FATAL \_\_\_\_\_ NAME OF EMPLOYER: \_\_\_\_\_

INJURIES \_\_\_\_\_

3. \_\_\_\_\_ SEX \_\_\_\_\_ AGE \_\_\_\_\_

FATAL \_\_\_\_\_ NAME OF EMPLOYER: \_\_\_\_\_

INJURIES \_\_\_\_\_

**ELECTRICAL UTILITY ACCIDENT INVESTIGATION (Continued)**

**LOCATION OF ACCIDENT SITE** Manning's Auto Salvage -Kingsway Drive  
off US 60 about 1 1/2 miles East of Kevil, Kentucky.

**DESCRIPTION OF ACCIDENT** Mr. Nall was standing on a pile of crushed  
auto's loaded on a transport truck leaving Manning's Auto Salvage  
yard when accident occurred. Mr. Nall was holding up the utility  
lines as the truck passed under them, when he apparently came into  
contact with a 7,200 volt overhead line with his head and thereby  
suffered a fatal electrical shock. (See Jackson Purchase Electric  
Cooperative's accident report)

**SOURCE OF INFORMATION** On site investigation, reports from personnel  
assisting in the investigation (Attachment A) and accident report  
submitted by Jackson Purchase Electric Cooperative.

**VIOLATIONS OF COMMISSION REGULATIONS** 1. Jackson Purchase single phase  
line was in violation of 807 KAR 5:041, Section 3(1) NESC Table  
232-1. 2. (See line clearances of this report) 2. Ballard Rural  
Telephone Cooperative service wires were in violation of 807 KAR  
5:061, Section 2(1) NESC Table 232-1 2. (See line clearances of this  
report)

**RECOMMENDATIONS** 1. It is recommended that Jackson Purchase and  
Ballard Rural Telephone review their system inspection procedures and  
make necessary changes if needed. 2. It is recommended that Ballard  
Telephone personnel be made aware of National Electric Safety Code  
clearance requirements and report them to proper company personnel.  
3. It is also recommended that the Commission consider action in  
accordance with KRS 278.990 due to line clearance violations by Jack-  
son Purchase RECC and Ballard Rural Telephone Company required by  
807 KAR 5:041, Section 3(1) NESC Table 232-1. 2.

**CORRECTIVE ACTION** Jackson Purchase Electric Cooperative set a 35',  
class 5 pole in mid-span to raise conductors to code height per Stak-  
ing Sheet Work Order #8-04-706-1E2 dated 4-26-88. Measurements were  
taken by Jackson Purchase personnel after completion of work order  
#8-04-706-1E2 and are given on bottom section of the above mentioned  
Work Order.

Ballard Rural Telephone Company relocated its two service drops to  
new poles set by Jackson Purchase Electric Cooperative on May 10,  
1988. (Re: Letter dated June 24, 1988 and work sketch.) Drops mea-  
sure 18'-8" and 19'-2" and are in compliance with Commission regula-  
tions.

LINE CLEARANCES

	<u>As Measured</u>	<u>Minimum Allowed by NESC 1981 Edition</u>
<b>A. AT POINT OF ACCIDENT</b>		
Phase conductor to ground elevation:	<u>17'-4"</u>	<u>21.1'</u>
Neutral conductor to ground elevation:	<u>14'-1"</u>	<u>19.1'</u>
Communication conductor to ground elevation:	<u>13'-3"</u> <u>12'-11"</u>	<u>19.1'</u> <u>19.1'</u>
Phase conductor to structure:	<u>N/A</u>	<u>N/A</u>
Neutral conductor to structure:	<u>N/A</u>	<u>N/A</u>
Communication conductor to structure:	<u>N/A</u>	<u>N/A</u>
<b>B. AT LOWEST POINT OF SPAN</b>		
Phase conductor to ground elevation:	<u>17'-4"</u>	<u>21.1'</u>
Neutral conductor to ground elevation:	<u>14'-1"</u>	<u>19.1'</u>
Communication conductor to ground elevation:	<u>13'-3"</u> <u>12'-11"</u>	<u>19.1'</u> <u>19.1'</u>

**C. SPAN LENGTH 362**

Date the line or facilities were constructed: 10/20/82

Utility: Jackson Purchase Electric Cooperative Corporation

Date: April 22, 1988 Time 3:22 P.M. (E.S.T.)

Approximate temperature: 76 degrees (National Weather Service)

Measurements made by: Rick Irby 1st class journey-man lineman and bucket truck operator, Greg Simmons Field Engineer of Jackson County Electric Cooperative and witnessed by John W. Land of PSC staff.

Submitted by: *J. W. Land*



**SOURCE OF INFORMATION:**

**Persons Assisting In The Investigation**

**Jackson County RECC Personnel**

David Stiles - General Manager  
Don Schaefer - Manager Engineering  
Donnie Lanier - Manager of Operations  
Sam Adams - Sub. Foreman  
Rick Irby - Journey-man Lineman  
Greg Simmons - Field Engineer  
Jeff Wigand - (Claims Adjuster-Crawford Insurance Co.)

P. S. C.  
ACCIDENT AND TROUBLE REPORT FORM

TODAY'S DATE 4-21-88 TIME 3:29COMPANY JACKSON PURCH. RECCPERSON REPORTING INCIDENT: NAME: DAVID STILES

CONTACT DAVID STILES  
TO ARRANGE VISIT.

TITLE: GEN. MGR.ADDRESS: J. P. RECCPHONE NO: 502-442-7321ACCIDENT DESCRIPTION: MAN CONTACTED O.K. 9200 V. LINEVICTIMS NAMES: \_\_\_\_\_ SEX \_\_\_\_\_ AGE \_\_\_\_\_ DEATH  INJURY \_\_\_\_\_

\_\_\_\_\_ SEX \_\_\_\_\_ AGE \_\_\_\_\_ DEATH \_\_\_\_\_ INJURY \_\_\_\_\_

\_\_\_\_\_ SEX \_\_\_\_\_ AGE \_\_\_\_\_ DEATH \_\_\_\_\_ INJURY \_\_\_\_\_

LOCATION OF ACCIDENT: \_\_\_\_\_

TIME OF OCCURRENCE: \_\_\_\_\_

TROUBLE DESCRIPTION: No outage

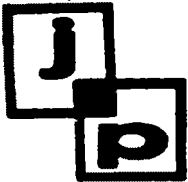
TIME OF OCCURRENCE: \_\_\_\_\_

TIME OF RESUMPTION OF NORMAL SERVICE: \_\_\_\_\_

NUMBER OF CUSTOMERS AFFECTED: \_\_\_\_\_

SIGNED m. Fisher

DATE \_\_\_\_\_



**Jackson Purchase Electric  
Cooperative Corporation**

2900 Irvin Cobb Drive P.O. Box 3188 Paducah, Kentucky 42002-3188 Telephone 442-7321

April 27, 1988

**Ky. Public Service Commission  
730 Schenkle Lane  
P. O. Box 615  
Frankfort, KY 40602**

**Attn: John Land**

**Dear John:**

**Please find attached the PSC Report for the Wilbur Nall III fatality. We will be sending a sketch of the area and the accident scene at a later date. Also enclosed is a copy of the sheriff's report and coroner's report.**

**If you need further information, please call.**

**Sincerely yours,**

**JACKSON PURCHASE E C C**

**Donald R. Schaefer, P.E.  
Manager of Engineering**

**Enclosure**

**DRS/bjs**

**ECC**

## P.S.C. EMERGENCY REPORT FORM

DATE April 26, 1988 TIME 3:00 P.M.

COMPANY JACKSON PURCHASE ELECTRIC COOPERATIVE CORPORATION

PERSON MAKING CALL: NAME EMERGENCY COMMUNITY CENTER

TITLE \_\_\_\_\_

ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_

LOCATION OF OCCURRENCE MANNING AUTO PARTS (27-88-57 JPECC Account #)  
Kingswood Drive  
Keval, Ky. 42053

TIME OF OCCURRENCE 9:35 A.M. April 21st, 1988

DESCRIPTION OF OCCURRENCE: DEATHS: YES X NO \_\_\_\_\_

INJURIES: YES \_\_\_\_\_ NO X

ESTIMATED COST OF DAMAGE -0-

CAUSE & DESCRIPTION The line was low and the truck was too tall. The victim tried to raise the lines by hand while standing on top of the truck. He pulled on the bottom wires and raised into the primary. See Coroner's and Sheriff's reports.

EFFECTS ON NORMAL SERVICE NONE

CORRECTIVE ACTIONS TAKEN We set a 35 ft., Class 5 pole in mid-span to raise conductors to Code height.

TIME OF RESUMPTION OF NORMAL SERVICE \_\_\_\_\_

SIGNED

Donald Schaefer

TITLE

Manager of Engineering

DATE

April 27, 1988

**McCR. KEN COUNTY SHERIFF DEPARTMENT**County Court House  
Paducah, Kentucky 42001  
(502) 444-4719**HOWARD WALKER, JR. - Sheriff****TO BE FILLED OUT BY OFFICE**

Incident No.: 0444-88 Offense No.: \_\_\_\_\_ Case No.: DEATH FILE  
 Title of Investigation: Death Report Statute: KRS  
 Status of Investigation: CLOSED,

**TO BE FILLED OUT BY OFFICER**

Time Notified: 09:51 .m. Time Arrived: 10:07 .m. Time Completed: 11:00 .m.  
 Ori. No.: KY0730000 Date: 4-21 19 88 Day of Week: Thursday Unit No.: 10  
 Location of Event: Manning Auto Salvage Rt. 1 Box 187 Kingsway Dr. Kevil, KY  
Route No., Box No., House No., Road City State  
 Event Reported By: Billy Brooks Address: Rt. 1 Bardwell, KY 442-5127  
 Type Event Reported: Death Report Date of Event: 4-21 19 88 Time: 9:40 Am.

Victim's Name(s)	Address	Phone No.	D.O.B.	Sex	Race
Wilbur J. Nall III	8020 Old Cairo Rd.			M	W

**VEHICLE INVOLVED**

Make	Year	Model	Style	Color	License No.	State	Towed

**DETAILS OF EVENT**

Received call of 10-07 body at Manning Auto Salvage. Upon arrival, found Wilbur J. Nall III lying on top of semi-trailer, looked to have been electrocuted. Coroner was called and Det. Mike Kaufman. Truck was 71 ft. from original point of impact. Truck was 14' 2" high on right side and 14' 7" high on left side. Primary wire was 17' 8", neutral wire 14' 5". Telephone wires (1) 13' 5" (2) 13' 4" from ground. Body was taken by Angel of Mercy to Western Baptist Morgue.

## McCRACKEN COUNTY CORONER'S INVESTIGATION REPORT, McCRACKEN COUNTY, KENTUCKY

NAME OF DECEDENT: WILBUR J. NALL III [REDACTED]  
 (First) (Middle) (Last)

ADDRESS: 8020 OLD CAIRO ROAD PADUCAH, KY.

AGE: 28 Date of Birth: [REDACTED] Sex: MALE Race: CAUCASIAN

DATE and TIME of DEATH: APRIL 21ST, 1988 9:35 A.M. Pronounced: 10:30 A.M.

DATE and TIME of INCIDENT: APRIL 21ST, 1988 9:35 A.M.

PLACE of INCIDENT: 8.6 MILES WEST OF PADUCAH, GRAVEL ROAD OFF KINGSWAY ROAD

PLACE of DEATH: SAME AS ABOVE

MANNER of DEATH: Natural  Accident  Homicide  Suicide

FUNERAL HOME: LINDSEY FUNERAL HOME

RELEASED BY: FATHER: WILBUR J. NALL JR. Phone: [REDACTED]

LAST SEEN ALIVE BY: CO-WORKER & DRIVER OF TRUCK WILLIAM LINDER 3400 PARK AVE.

WHERE & DATE: SITE OF DEATH APRIL 21ST, 1988

FOUND DEAD BY OR REPORTED BY: ANGEL OF MERCY AMBULANCE SERVICE PHONE: 443-6529

PERSONAL PHYSICIAN: NOT KNOWN Phone: \_\_\_\_\_

B.A. OR URINE TAKEN: BOTH DATE: 4-21-88 TIME: 12:30 P.M. PLACE: W.B.H. MORGUE

AUTOPSY NO PATHOLOGIST: EXAMINED BY DR. E. W. YLITALO

POLICE AGENCY AND INVESTIGATOR: DEPUTY SHERIFF FRANKIE AUGUSTUS  
DETECTIVE MIKE KAUFMAN PHONE: 444-4719

PHOTOS TAKEN: SCENE AND BODY BY - DATE & TIME: DETECTIVE KAUFMAN DEPUTY AUGUSTUS  
DANNY SIMS OF THE AMBULANCE SERVICE

SUSPECTED CAUSE OF DEATH: ELECTROCUTION

SUSPECTED MANNER OF DEATH: ACCIDENTAL

HISTORY: THIS WRITER WAS CALLED TO THIS SCENE BY THE DISPATCHER OF THE AMBULANCE SERVICE. I WAS INFORMED THAT THE BALLARD COUNTY AMBULANCE WAS FIRST CALLED AT 9:43 A.M. AND THEN THE ANGEL OF MERCY WAS ALSO DISPATCHED WHEN IT WAS LEARNED IT WAS INSIDE THE McCRACKEN COUNTY LINE. SEE THE REPORTS OF BOTH AMBULANCE SERVICES HERETO ATTACHED. I TURNED ONTO THE KINGSWAY RD. OFF THE HIGHWAY 60 AND PROCEEDED APPROX. 2 BLOCKS TO A GRAVEL ROADWAY WHICH LEADS TO A CRUSHING AUTO COMPANY WHICH IS GLASGOW SCRAP INC., IRON AND METAL OR RT. 1 BARDWELL, KY. AND THEY ALSO GO BY THE NAME TRISTATE COMPANY., WEST MC CRACKEN FIRE AND RESCUE HAS A UNIT ON THE SCENE. A SEMI-TRAILER TRUCK IS SITTING ON THE GRAVEL ROAD HEADED NORTH AND LOADED ON THE TRAILER IS THE BODIES OF 16 CRUSHED CARS IN STACKS OF EIGHT ONE BEHIND THE OTHER. I CLIMBED A LADDER TO THE TOP OF THE FIRST STACK BEHIND THE CAB OF THE TRUCK AND WITH THE AIDE OF BARRY GILL OF THE RESCUE SQUAD NOTED NO LIFE SIGNS ON THE BODY. THE BODY WAS LAYING ON TOP OF THE CRUSHED CAR. HE WAS LAYING OVER THE SIDE ON THE RIGHT SIDE OF THE TRAILER IN A FACE UP POSITION. THE LEGS HAD BEEN TIED TO HOLD HIM ON THE CARS BY ARRIVING E.M.T.'S THIS MAN WAS BURNED ACUTELY AND I NOTE THE WHITE POWDER ON THE CHEST WHERE HE WAS SPRAYED TO PUT OUT THE FIRE. HE WAS COVERED

Investigating Coroner: JERRY W. BEYER. Further on History Over \_\_\_\_\_

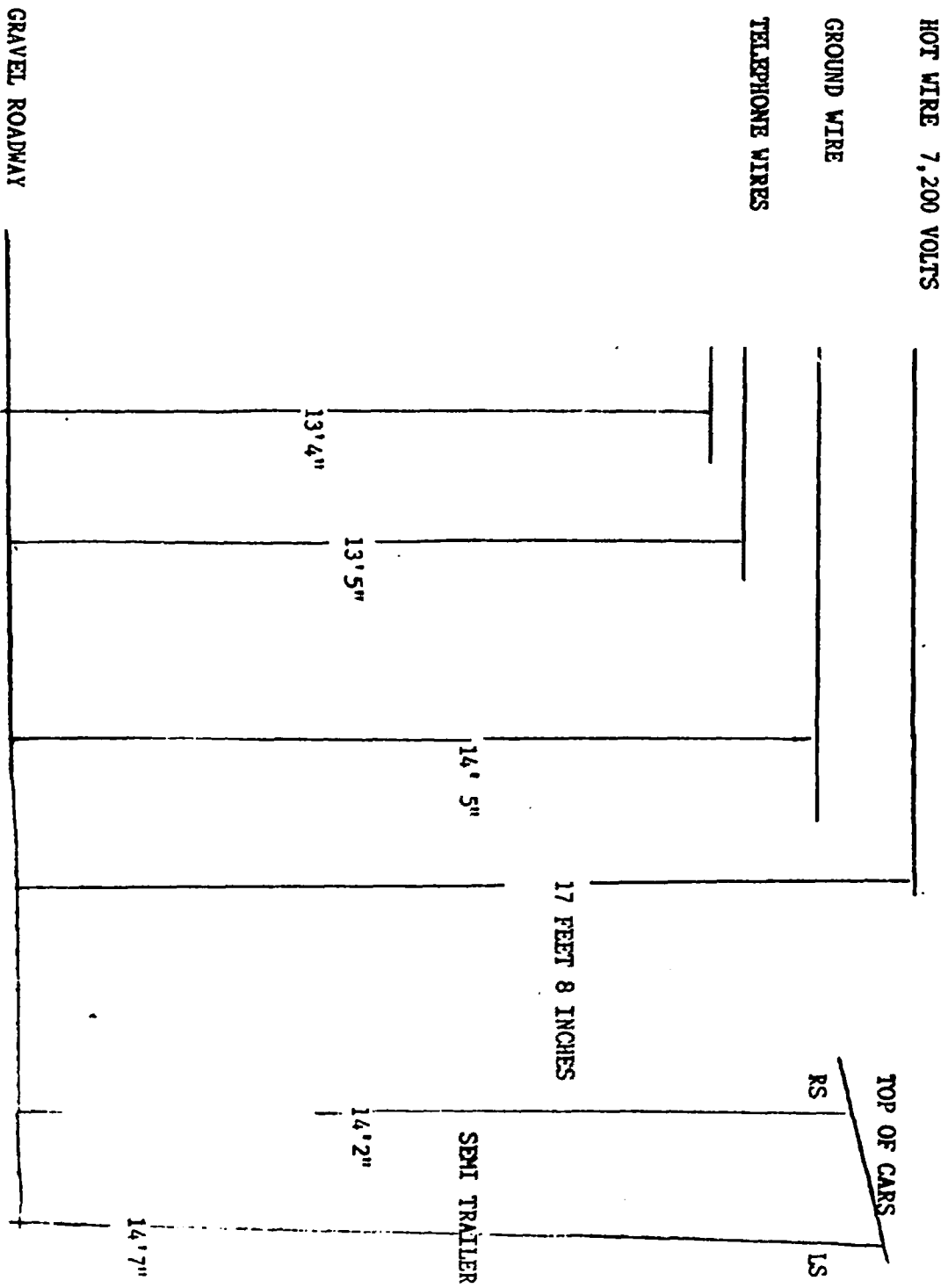
## DEATH INVESTIGATION WILBUR NALL III

I NOTE THAT LATER I REMOVED SOME KEYS AND TWO POCKET KNIVES AND A SMALL AMOUNT OF CHANGE AND THE SISTER, LORI NALL, PICKED THESE UP AT MY OFFICE. THERE WAS ALSO A BIC LIGHTER IN THE RIGHT FRONT POCKET BUT IS WAS BURNED AND I DESTROYED IT. AT THE MORGUE WITH DR. E.W. YLITALO PRESENT I REMOVED BOTH URINE AND BLOOD FROM THE BODY. THE BODY WAS EXAMINED AND I NOTE A OVERWEIGHT WHITE MALE WITH WHAT APPEARS TO BE BLOND SHOULDER LENGTH HAIR WHICH HAS BEEN SINGED OFF. THERE IS A SEVERE WHITE PURGE FROTHY FROM THE NOSTRILS OR NASAL NARES. HE HAS A BLOND UPPER MUSTACHE BUT THE BEARD WHICH HE APPEARS TO HAVE HAS BEEN BURNED OFF. THE CHEST HAIR, PUBIC HAIR AND THE HAIR UNDER THE ARMS HAS ALSO BEEN BURNED OFF. ANY AREA WHERE METAL TOUCHED THE SKIN CAUSED SEVERE 2ND AND 3R DEGREE BURNS SUCH AS WHERE THE BELT BUCKLE AND THE POCKET KNIVES AND KEYS TOUCHED THE BODY. THE LEFT ANKLE HAD A BURN AREA THE BLUE JEANS ARE BLOWN APART IN THIS AREA. THE SHIRT HAS BURNED OFF THE BODY AND THIS CAUSED 2ND DEGREE BURNS OVER THE ANTERIOR AND POSTERIOR OF THE THORACIC AND ABDOMINAL CAVITIES. THE BUTTOCK ON THE LEFT SIDE HAVE SEVERE 3RD DEGREE BURNS, AS IF HE WAS GROUNDED IN THIS AREA. THE ZIPPER OF THE BLUE JEANS IS BURNED. THE BOOTS DO NOT HAVE INDICATION OF ANY EXIT AREAS. I NOTE THE HEAD HAIR TO BE SINGED OFF. THERE IS A TATTO ON THE LEFT SHOULDER OF A FLYING DRAGON AND SKULL. IN THE AREA OF THE NECK POSTERIORLY IS A DEEP 3RD DEGREE BURN DIRECTLY BELOW THE HAIR LINE AND THIS INJURY IS DEEP AND SEVERE IN NATURE AND WOULD APPEAR TO BE WHERE HE STRUCK THE HOT LINE AS HE RAISED UP. THIS INJURY HAS FLESH MISSING AND HAIR LENGTH IS SHORTER IN THIS AREA AND WOULD BE CONSISTENT WITH THE FLESH AND HAIR FOUND ON THE HOT WIRE. THE LEET GLOVE IS A BROWN COTTON TYPE MATERIAL AND THE FINGERS ARE TIGHT IN A FIST WITH A TYPE OF TRAUMA RIGOR AND WHEN I PULL THEM APART I NOTE A BURN DEEP INTO THE INSIDE THE FINGERS, INDICATING THIS HAND WAS TOUCHING THE GROUND OR NEUTRAL WIRE. THE RIGHT HAND ALSO HAS A GLOVE BUT IT IS NOT DAMAGED BUT THE RIGHT WRIST DOES HAVE A BLACK 2ND DEGREE TYPE BURN WHICH MIGHT INDICATE THE 2ND AREA WHERE HE WAS TOUCHING THE GROUND WIRE. AGAIN BACK TO THE SCENE I DID NOT SEE ANY INDICATION WHERE THIS MAN MIGHT HAVE BEEN GROUNDED TO THE CARS BUT THERE WAS BURNED CLOTH FROM THE SHIRT ON THE METAL AND THIS MAY HAVE COVERED ANY GROUNDING. I AGAIN NOTE THAT THE CAP WAS NOT DAMAGED BUT THE MATERIAL ON THE TOP LINE MAY HAVE BEEN FROM THE SHIRT BUT I COULD NOT DETERMINE THIS. AGAIN DEPUTY FRANKIE AUGUSTUS TOOK THE WEDGE SHAPED STICK WITH HIM TO KEEP IN THE EVIDENCE LOCKER. SEE ALL NOTES AND ACCIDENT REPORT OF DEPUTY AUGUSTUS.

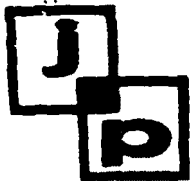
THIS WRITER LEARNED THAT THE NEW CODE FOR NATIONAL ELECTRICAL SAFETY CODE CALLS FOR WIRES OVER A ROADWAY TO BE AT LEAST 18 FEET FROM THE GROUND.

K.R.S. 189.222 STATES HEIGHT OF SEMI CAN'T BE HIGHER THAT 13 FEET 6 INCHES.....

DEATH INVESTIGATION WILBUR NALL BY JERRY BEYER NOT TO SCALE.







**Jackson Purchase Electric  
Cooperative Corporation**

2900 Irvin Cobb Drive P.O. Box 3188 Paducah, Kentucky 42002-3188 Telephone 442-7321

May 10, 1988

Mr. John Land  
Kentucky Public Service Commission  
730 Schenkle Lane  
P.O. Box 615  
Frankfort, Ky. 40602

RECEIVED

MAY 13 1988

DIVISION OF UTILITY  
ENGINEERING & SERVICES

Dear John:

Re: Wilbur Nall III Accident

Attached is the master map for Line Patrols in 1988. The accident scene is in block 27. Inspection was completed February 4th, 1988. Also included are the Line Patrol Inspection Instructions which are given to our personnel. A trouble ticket was not turned in for the location where the accident occurred.

If you need any additional assistance please let me know. The sketch of the scene will follow very soon.

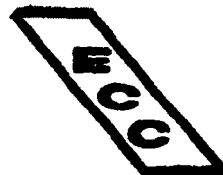
Yours truly,

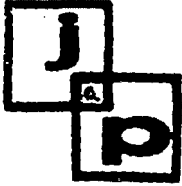
JACKSON PURCHASE ECC

Donald R. Schaefer, P.E.  
Manager of Engineering

DRS/jf

CC: David Stiles





# Jackson Purchase Electric Cooperative Corporation

2900 Irvin Cobb Drive P.O. Box 3188 Paducah, Kentucky 42002-3188 Telephone 442-7321

## LINE PATROL

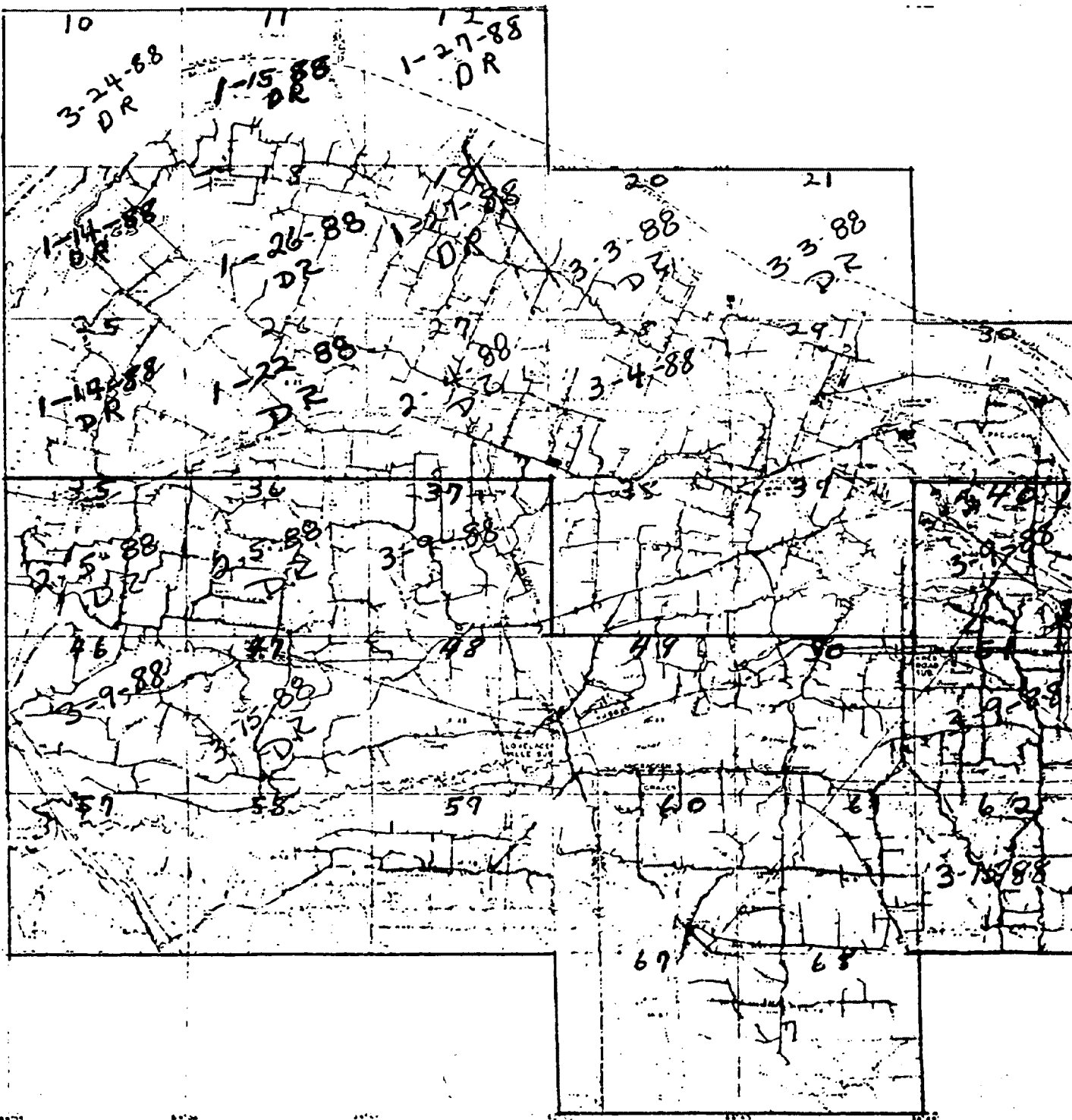
### WHAT TO LOOK FOR

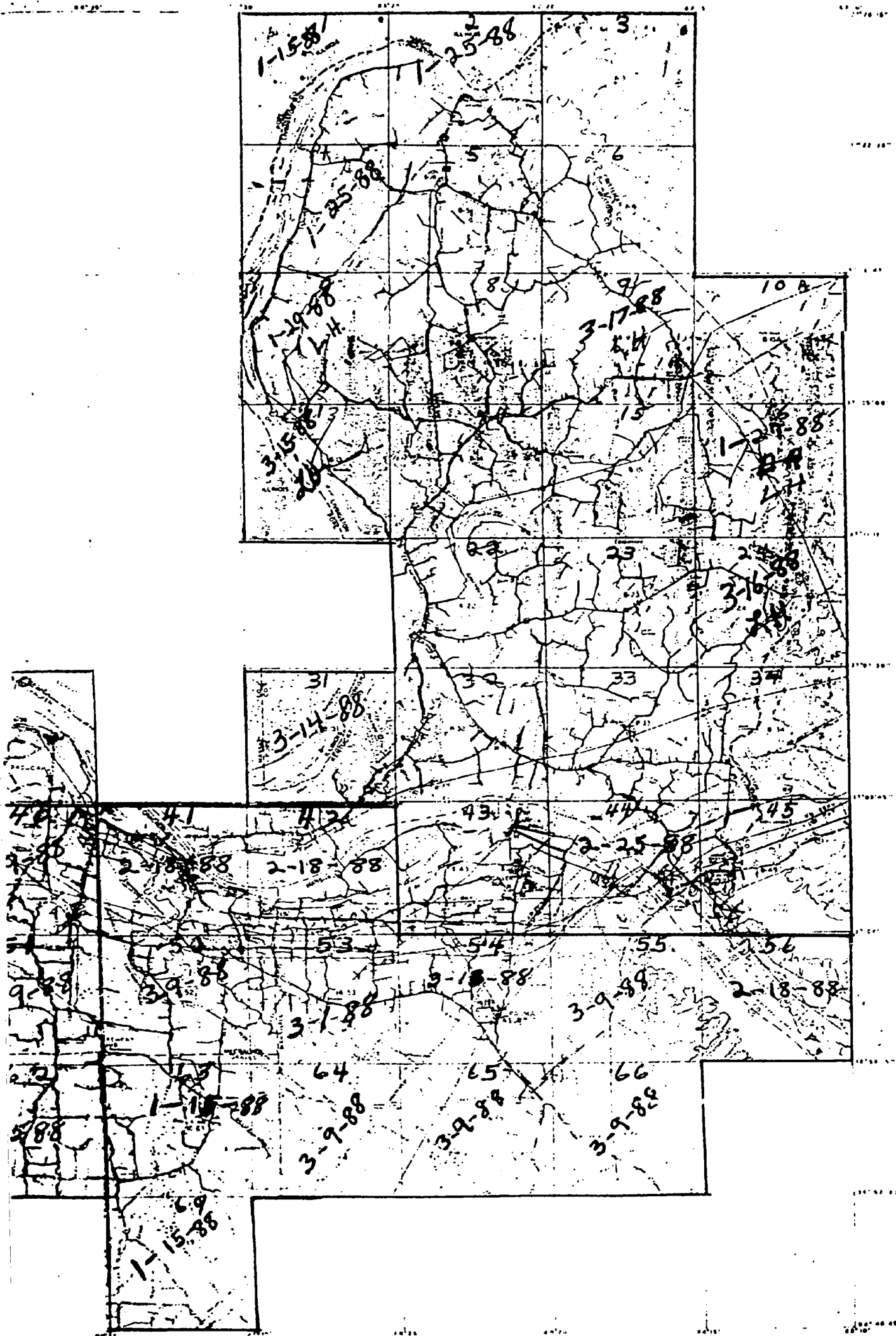
1. Busted insulators
2. Stranded wires
3. Any dangerous condition
4. Wires over houses, swimming pools, ect.
5. Signs, grains bins, ect. ---- close to phase
6. Low wires
7. Broke poles

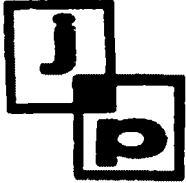


# 1988 Line Patrol

Dates In Block Indicate  
Date Block Completed







**Jackson Purchase Electric  
Cooperative Corporation**

2900 Irvin Cobb Drive P.O. Box 3188 Paducah, Kentucky 42002-3188 Telephone 442-7321

May 17, 1988

Mr. John Land  
Kentucky Public Service Commission  
730 Schenkle Lane  
P.O. Box 615  
Frankfort, Ky. 40602

RECEIVED

MAY 19 1988

DIVISION OF UTILITY  
ENGINEERING & SERVICES

Dear John:

Re: Wilbur Nall III Fatality

Please find attached the sketch of the accident location in Kevill, Ky. If you need any additional information please advise.

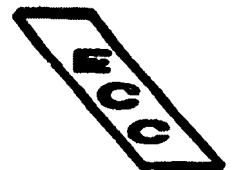
Yours truly,

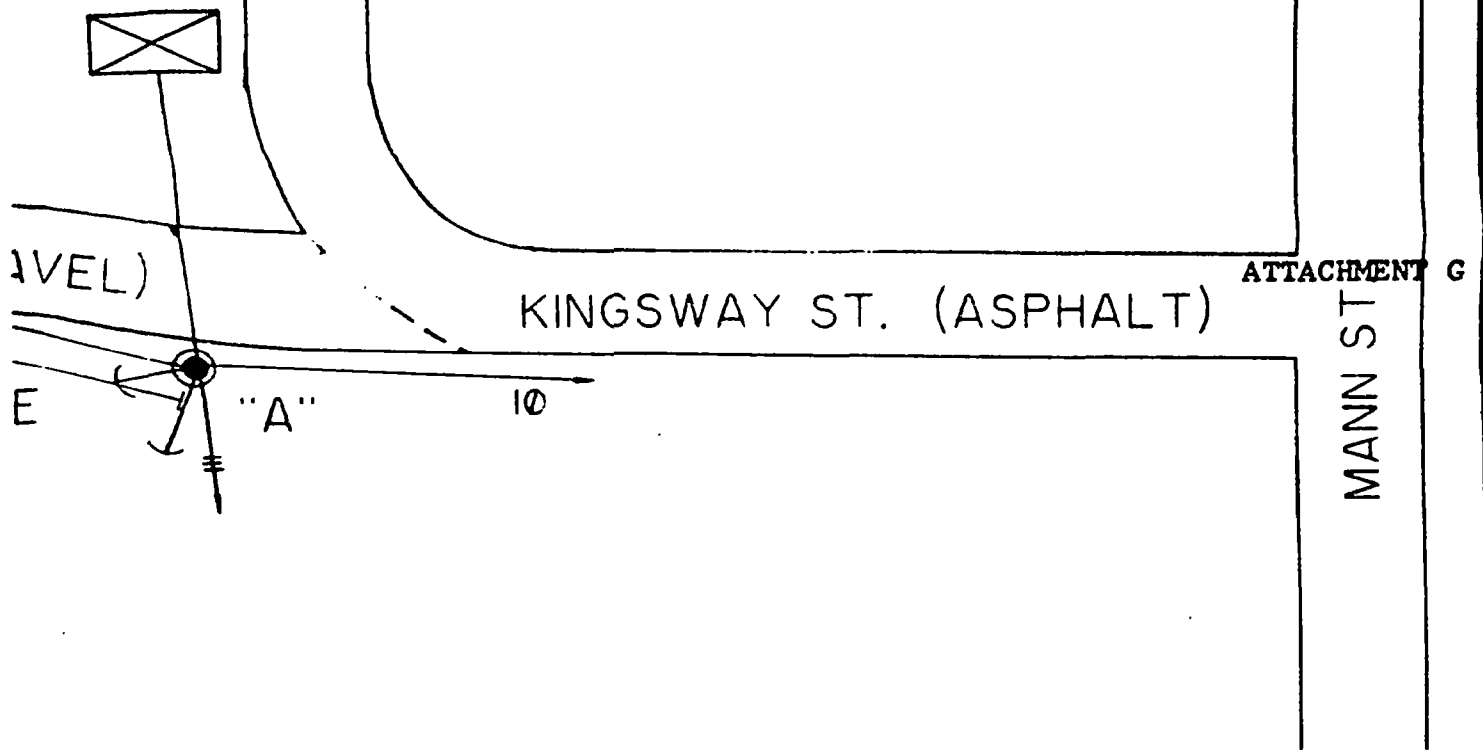
JACKSON PURCHASE ECC

Donald R. Schaefer, P.E.  
Manager of Engineering

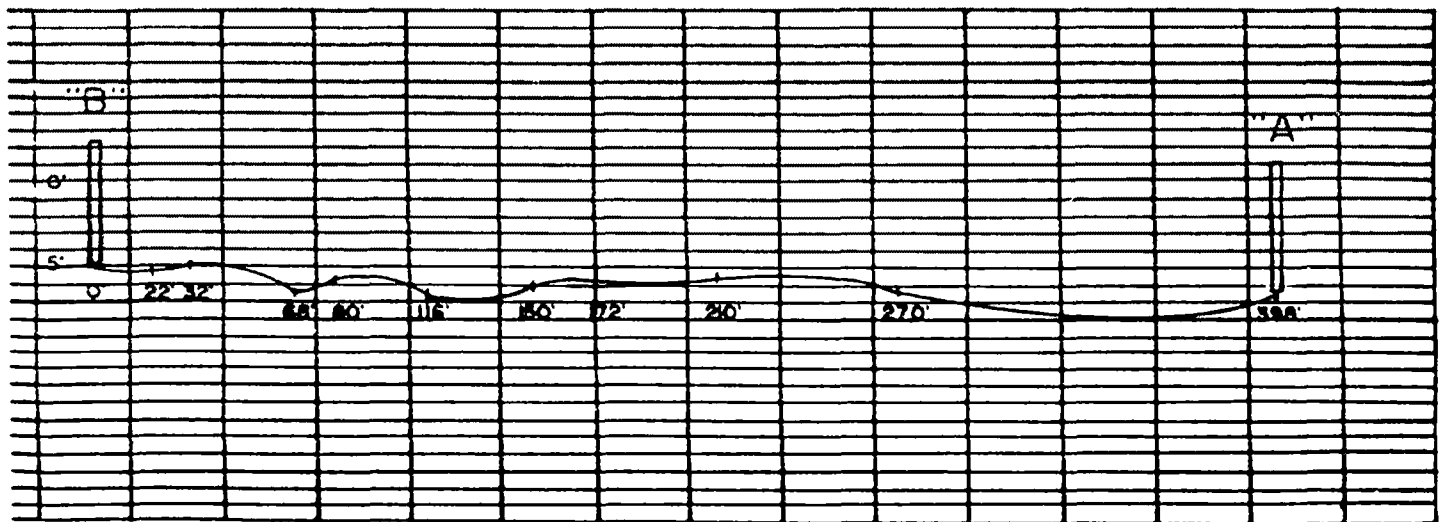
DRS/jf

CC: David Stiles  
Donnie Lanier

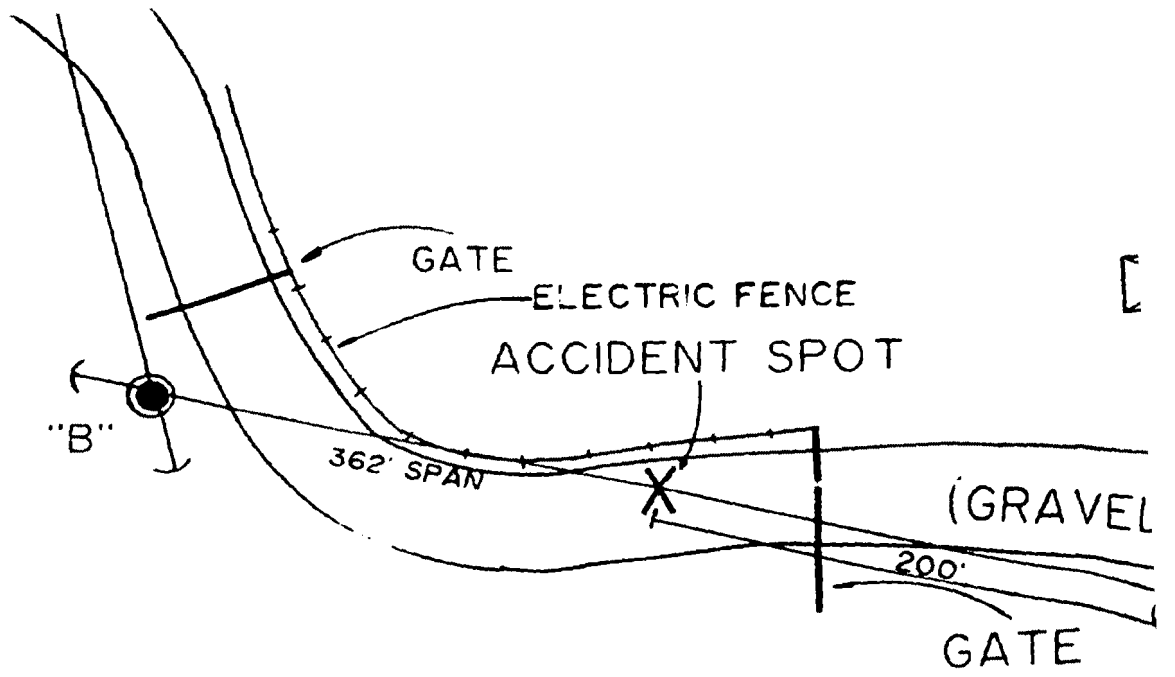




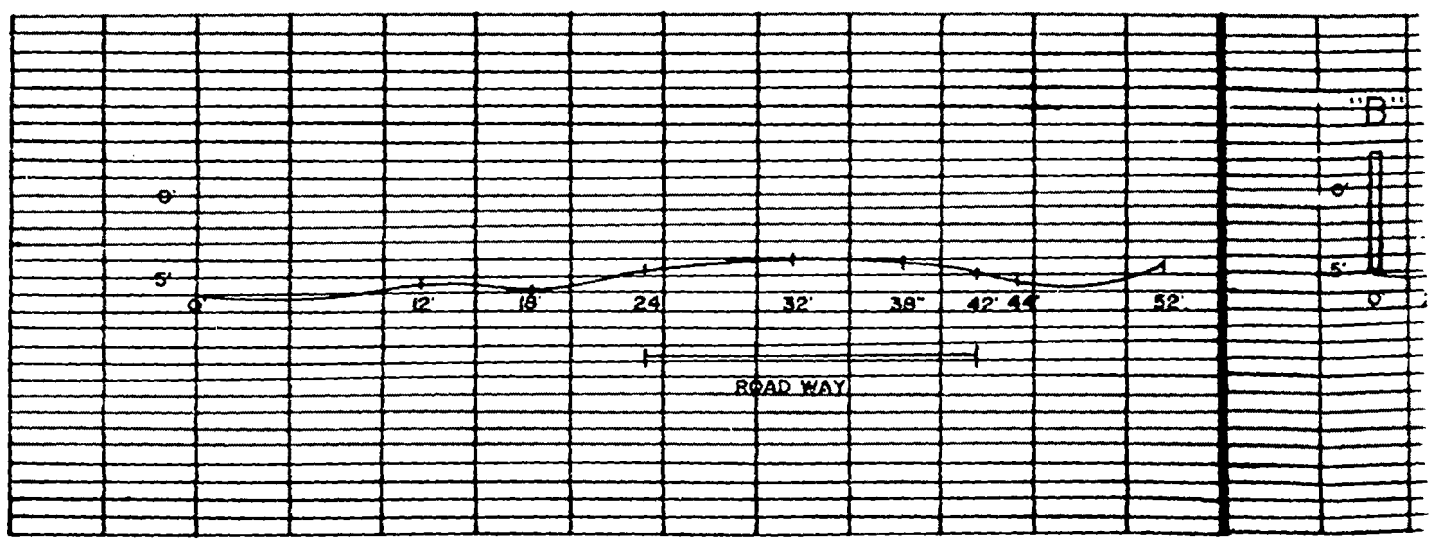
PROFILE UNDER LINE



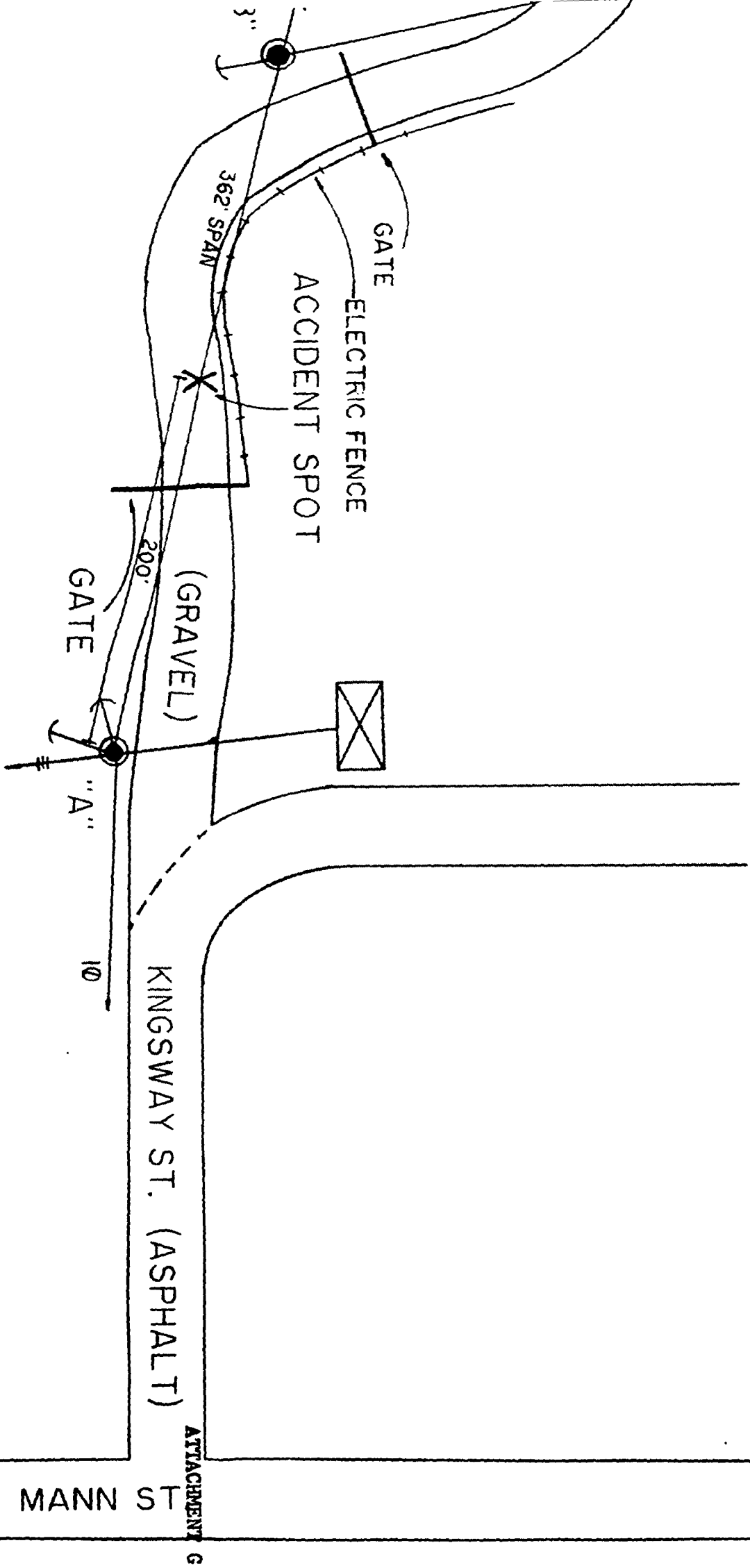
ACCIDENT - WILBUR NALL III		
ACCOUNT # 27-98-57	SCALE NONE	DRAWN BY M.T.
LOCATION - MANNING AUTO PARTS, KEVIL, KY.		REVISED
DATE 5-11-88	APPROVED BY <i>Don Schauf</i>	DRAWING NO.



CROSS SECTION OF ROAD BED  
AT ACCIDENT LOCATION



MANNING AUTO PARTS.





Number poles on sketch at tap, corners, transformers and deadends. Include retired units with \* - Replaced units with  $\bigcirc$   
Reset meters and transformers with  $\square$

FORM 2833 (2004) 1-41) TYPICAMS PERKS INC., BRUNSWICK, MD. 27-88-57

STAKING SHEET

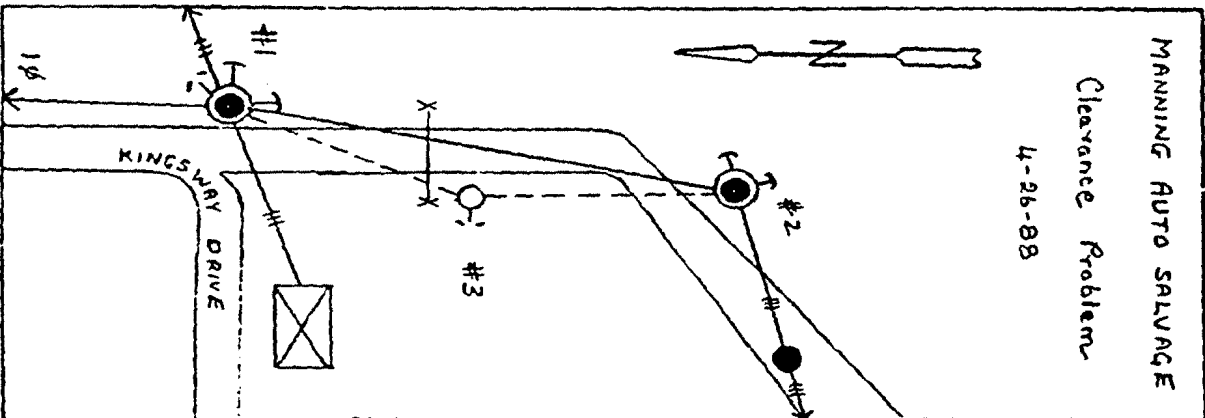
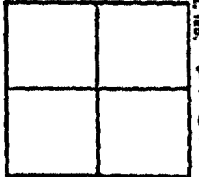
System Designation Ky 20 McCracken

Location McCracken County

Map Reference R 27 Sec 27

PHL / Wires: 2 Size 4 Kind ACSR

Rolling Span



POLE NO.	PHL (SPAN)	POLE H B C	PHL UNIT	P-W CLEAR-ING	LINE AVAILT	TRANS. "G"	DR. "W"	DR. NO.	GUY UNIT	LEAD	ANCHOR "P"	SECONDARY		SERVICE UNIT	% OR JER. WIRE SIZE	
												SPAN	SEC. ONLY			NO. WORK
Ex 1		35-5	6	A		10-25	1	2	3-10	1-2	1-2		2	2	K11	
Add 1								1	3-10	1-2	1-2					
Ex 2	*360'	35-5	A	5		10-10	1	2	3-10	1-2	1-2		1	1	K11	
Add 3	180'	35-5	A	2			2	1	3-10	1-2	1-2					
Add 2	190'															

Clearance  
1st Span Neutral 23' ± 3 1/2"  
2nd Span Primary 27' ± 9"  
23' ± 9"

NO. OF MEMBERS	TOTAL	SERVICE DROPS	UNDERBUILD	COVERED	BARE	SECONDARY	PRIMARY LINE	FEET	NO. OF SWTS	POLE LINE FEET	CONDUCTOR FEET	STEEL WIRE

Work Order No. 2-04-706-1E2

Sheet No.      of     

Line      Lead     

ENGINEER     

Sket'd CS 4-26-88

Checked     

Released for Const.     

METER SIZE LOOP METER

MISC. REMARKS

Acc't # 27-88-15

Acc't # 27-88-57

*Handwritten signature*

MANNING AUTO PARTS 57

STAKING SHEET

System Designation KV 20-M'CRACKEN

Location M'CRACKEN CO

Twp \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_

Map Reference \_\_\_\_\_

SERVICE (100A)

PH Wire: 2 Size 4 Kind ACSR

Ruling Span

Work Order No. 2-10-119-1

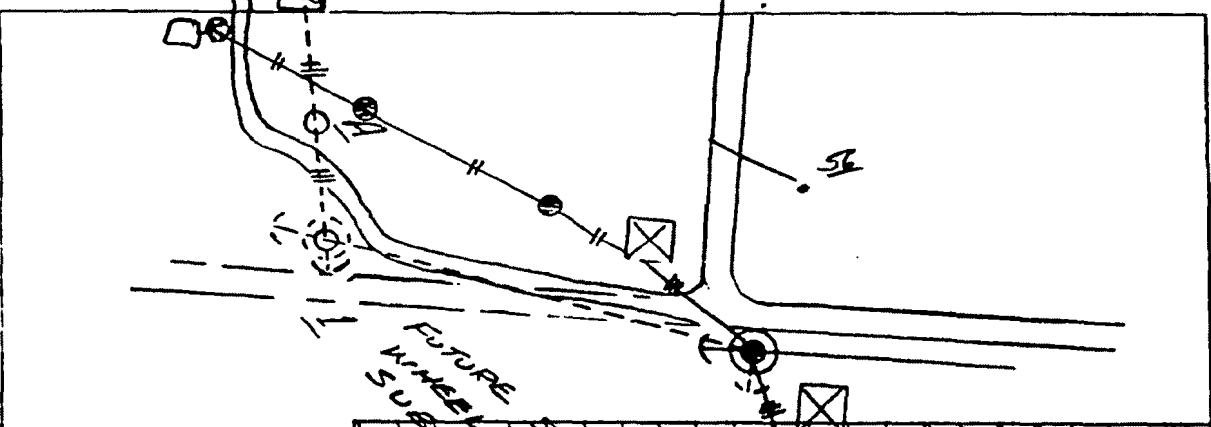
Sheet No. 1 of 1

Line \_\_\_\_\_ Lead \_\_\_\_\_

ENGINEER D.B. 10-18-82

Checked \_\_\_\_\_  
Released for Const \_\_\_\_\_

Number poles on sketch at tap, corners, transformers and deadends. Include retired units with \* . Replaced units with  $\emptyset$   
Reset meters and transformers with  $\square$



POLE NO.	PRI. (BACK) SPAN	POLES		PRI. UNIT	R.W. CLEAR. INCH	LINE ANGLE	TRANS. "G"	OR. "M2" NO.	GUY			SECONDARY		SERVICE		METER SIZE	MISC. & REMARKS
		M.B.C.	MISC.						UNIT	LEAD	"F"	SPAN	UNIT	SPAN	UNIT		
EX		85		A			10-25	1	1-2	27	1-2					211X	
Ad									2-2	27	1-2					211X	
Ad #1	3625			5-1			10-10	1	1-2	27	1-2					211X	
Ad #A				LP													
Ad SER																	

Guy or Key  
L.S.H. Pole A

LINE TYPE	FEET	NO. OF SPANS	POLE LINE FEET	COND. NO.	BARE WIRE NO.
PRIMARY LINE					
SECONDARY					
BARE					
COVERED					
UNDERBUILD					
SERVICE DROP					
TOTAL					
NO. OF MEMBERS					






**BALLARD RURAL TELEPHONE COOPERATIVE CORPORATION, INC.**

502-665-5186

P. O. BOX 295

LA CENTER, KENTUCKY 42056-0295

April 26, 1988

*"Owned by those we serve"***FILED****MAY 02 1988****PUBLIC SERVICE  
COMMISSION**

Mr. Forest Skaggs, Executive Director  
Public Service Commission  
730 Schenkel Lane  
P. O. Box 615  
Frankfort, KY 40619

Re: 807 KAR 5:006 Section 24 Reporting of Accidents

Dear Mr. Skaggs:

This is to confirm the report of an accident which occurred in our serving area in McCracken County at the end of Kingsway Drive off U.S. Highway 60 east of Kevil, Kentucky, on Thursday, April 21, 1988, at approximately 9:30 A.M. We were not notified in our office until 3:00 P.M. Thursday afternoon by David Stiles, Manager of Jackson Purchase Electric Cooperative.

At that time my Plant Manager, Durwood Whipple, was out of town and so was I. On Friday, April 22, I returned around 3:00 P.M. and at that time I tried to reach the Public Service Commission to report the accident, but could not get an answer.

On Monday, April 25, I talked to Mr. John Land with the Public Service Commission and reported the accident. At that time he said he had been notified by Jackson Purchase Electric Cooperative and that he had already visited the site of the accident and took measurements of electric and telephone lines.

Mr. Land suggested that I call Wayne Bates on Tuesday and see if he still wanted us to send in a report of the accident. After talking to Mr. Bates he suggested I go ahead and send in a report telling what I knew about the accident.

After I visited the site, we had two service drops built under Jackson Purchase Electric. At the low spot in the road our bottom wire was 12' 11½" and our top wire was 13' 3". The electric cooperative's neutral wire was 14' 1".

We were told by the Jackson Purchase Insurance Adjuster that Mr. Manning had told him that our wires had been torn down several times, but after our Plant Department ran our Trouble Log, we found that we had only had one trouble report related to the service wires. We went back to January, 1986. On June 24, 1986, we had this one report to raise our lines, that loads were going out that were taller than our lines. At that time the serviceman raised the drops as close to the neutral wire of the electric cooperative as possible. Since that time we have not had any more complaints.

If you have any questions, please advise.

Page 2

Very truly yours,

BALLARD RURAL TELEPHONE COOPERATIVE CORPORATION, INC.

A handwritten signature in cursive script, appearing to read "Harlon E. Parker".

Harlon E. Parker, Manager

HEP:bjr

ATTACHMENT I



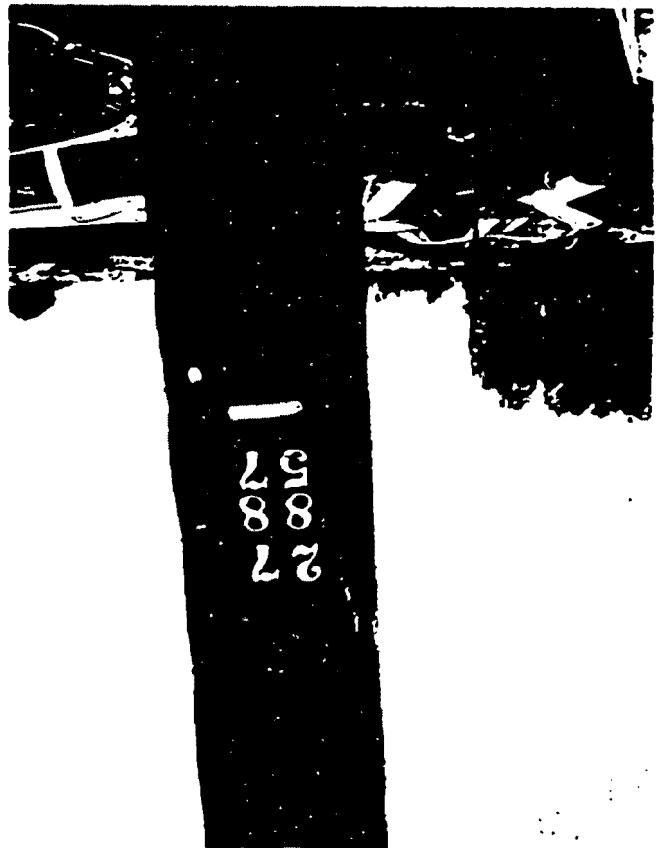
USE FATAL ACCIDENT NEAR KERR, KY (COLUMBIAN, MAR 11 1978)  
4/21/88



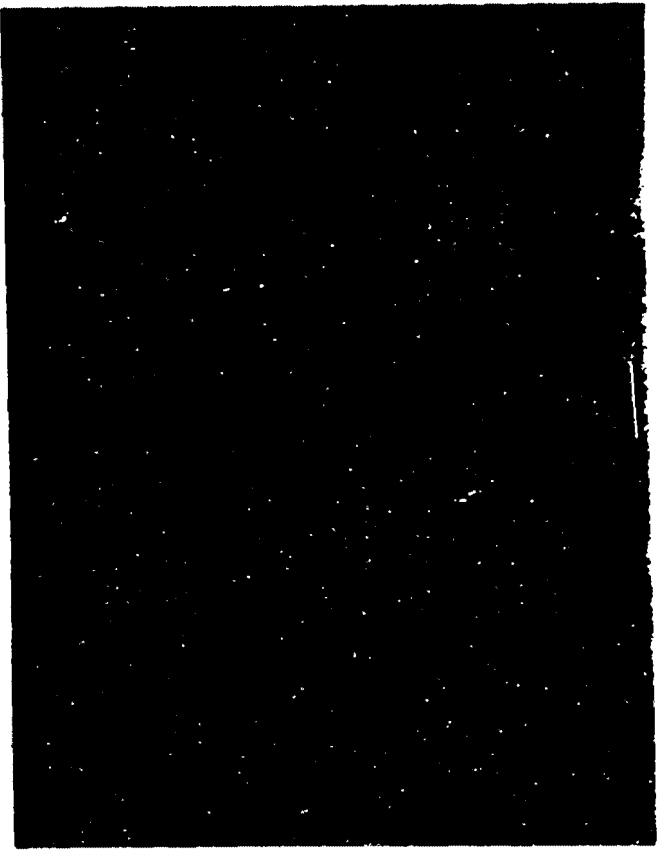
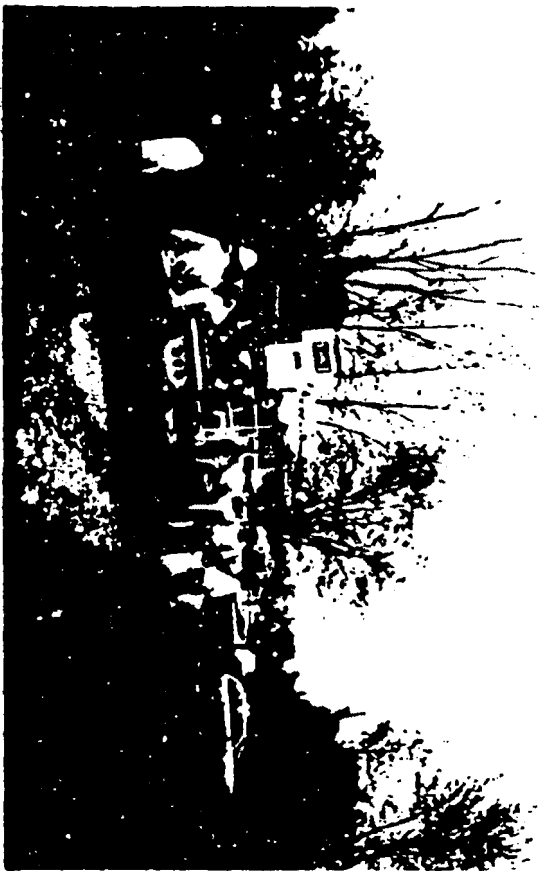
TRUCKER FURNACE ACCIDENT 4/21/58 (WILBUR NAH III) FATAL NEAR KEVIL,  
BY COMPANYING AULIE SALLIAGE)







THEYSON TOWNSHIP TOWNAL ACCIDENT 4/21/88 NEAR KENTON, KY (M. LEONARDI)  
(MORNING AFTER SALVAGE)



## Regional Edition

A12

The Paducah Sun

Thursday, April 21, 1966

### Paducahan electrocuted near Kevil

KEVIL, Ky. — Paducahan Wilbur Nail, 22, was accidentally electrocuted this morning near Kevil.

Nail, a Cairo Road resident, was killed as his head struck a high-voltage power line across the gravel extension of Kingsway Drive off U.S. 60, about 1 1/4-miles east of Kevil, said Jerry Beyer, McCracken County coroner.

Nail was standing on a pile of crushed autos, loaded on a transport truck owned by Glasgow Scrap Iron and Metals Co., Bardwell Rt. 1. Nail worked for Glasgow.

Beyer said the truck was leaving Manning's Auto Salvage at the end of Kingsway Drive when the accident occurred. Nail was holding up low-hanging telephone wires to make way for the truck.

When he stood up, his head touched the high-voltage wire above telephone wires.

## Paducahan electrocuted near Kevil

KEVIL, Ky. — Paducahan Wilbur Nall III, 28, was accidentally electrocuted this morning near Kevil.

Nall, of 8020 Cairo Road, was killed as his head struck a high-voltage power line across the gravel extension of Kingsway Drive off U.S. 60, about 1½-miles east of Kevil, said Jerry Beyer, McCracken County coroner.

Nall was standing on a pile of crushed autos, loaded on a transport truck owned by Glasgow Scrap Iron and Metals Co., Bardwell Rt. 1. Nall worked for Glasgow.

Beyer said the truck was leaving Manning's Auto Salvage at the end of Kingsway Drive when the accident occurred. Nall was slightly bent over, holding up two low-hanging telephone wires and a neutral electrical wire to make way for the truck, he said.

Beyer said Glasgow driver William Lindner of Paducah yelled at Nall to release the power line. In response, Nall stood up, causing his head to hit a higher, positive electrical wire as he held the other lines.

The result was a fatal shock of about 7,000 volts, he said.

Beyer said he would interview officials of the salvage company and Jackson Purchase Electric Cooperative Corp., which maintains the power lines, to determine if the truck load and wires met height regulations.

Glasgow is owned by Billy Brooks of Paducah, he said.

Eight crushed cars were stacked in two piles on the truck bed to a height exceeding 14 feet, he said. The lowest phone line was 13 feet 5 inches and the lowest power line, 14 feet 5 inches, Beyer said.

He said the positive wire was 17 feet 8 inches.


**BALLARD RURAL TELEPHONE COOPERATIVE CORPORATION, INC.**

502-665-5188

P. O. BOX 295

LA CENTER, KENTUCKY 42056-0295

*"Owned by those we serve"*

June 24, 1988

**RECEIVED**

JUN 27 1988

DIVISION OF UTILITY  
ENGINEERING & SERVICES

Mr. John Land  
Public Service Commission  
730 Schenkel Lane  
P. O. Box 615  
Frankfort, KY 40619

Dear Mr. Land:

In reference to our phone conversation of June 24, 1988, please find enclosed a copy of the work sketch. These two service drops were relocated to the new poles set by Jackson Purchase Electric Cooperative on May 10, 1988.

See the measurements from the work sketch at the pole, the 21'2" is the distance from road level to our attachment. I think the rest of the measurements are explanatory.

If you have any questions, please advise.

Very truly yours,

BALLARD RURAL TELEPHONE COOPERATIVE CORPORATION, INC.

Harlon E. Parker, Manager

HEP:bjr

Enclosure

WORK SKETCH

W.O. NO. 442-1088

DWS. NO. \_\_\_\_\_

TITLE MANNING'S AUTO SALVAGE

REMARKS \_\_\_\_\_

COST \_\_\_\_\_ DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_ APPROVED BY \_\_\_\_\_

