



INDIANA UTILITY REGULATORY COMMISSION
101 W. WASHINGTON STREET, SUITE 1500E
INDIANAPOLIS, INDIANA 46204-3407

<http://www.in.gov/iurc>
Office: (317) 232-2701
Facsimile: (317) 232-6758

Pipeline Safety Division Investigation Report

Investigation regarding: Austgen Electric Inc.

UPPAC Database Record ID: 5120

Report Date: 10/3/2013

Investigator: Mike Orr

Damage Date: 6/4/2013

Damage Address: 9001 W 133rd Place, Cedar Lake, Lake

The Parties

Excavator: **Austgen Electric Inc.**

Address: 801 East Main Street, Griffith, In 46319

Facility Owner: **NIPSCO**

Pipeline Facility

Facility Type: Natural Gas

Facility Function: Service/Drop

Type of Equipment: Trencher

Type of Work Performed: Electric

Damage Impact

Product Release: Yes

Ignition: No

Service Interruption: True

Number of Customers Affected: 1

Injuries: 0

Fatalities: 0

Repair Cost (if known): \$

Excavator Activities/Cause of Damage Information:

Excavator Request Locates: Yes

Indiana 811 Ticket Number: 1305231077

Original Start Date:

Locate Instructions:

Follow-Up Locate Instructions (if applicable):

Synopsis: Excavator struck and damaged an underground natural gas service while performing electric work.

Findings: Reported by Carrie Ludwig (NIPSCO); excavator's response to initial notice was received on 8/19/2013. The excavator had a valid locate ticket and the gas operator provided accurate locate markings; however, the excavator failed to maintain required clearance from the gas service with the trencher.

Conclusion: There was a failure to maintain clearance with mechanized equipment within the tolerance zone.

Violation: IC 8-1-26-20(a)(2) Failure to maintain two (2) feet clearance with mechanized equipment.



DAMAGE INFORMATION REPORT – PIPELINE SAFETY DIVISION

State Form 54122 (R2 / 7-11)

INDIANA UTILITY REGULATORY COMMISSION

Submitted to IURC-Pipeline Safety on: Jun 25, 2013

Who is submitting this information?

Name of person providing this information: Carrie Ludwig (NIPSCo)

Business address (*number and street*): 3511 East 15th Avenue

City, State, and ZIP code: Gary, IN 46403

Telephone number (*area code*): (219)962-0422

Fax number (*area code*): (219)962-0404

E-mail address: cludwig@nisource.com

Excavator Information, if known

Full name: Austgen Electric Inc

Business address (*number and street*): 801 EAST MAIN STREET

City, State, and ZIP code: GRIFFITH, IN 46319

Telephone number (*area code*): (219)924-7528

Fax number (*area code*): (219)922-8409

E-mail address: JEFF@AUSTGEN.COM

Excavation or Demolition Information

Excavator type: Contractor

Excavation or demolition equipment: Trencher

Type of work performed: Electric

Date and Location of Damage

Date of damage (*month, day, year*): Jun 4, 2013

County: Lake

City: Cedar Lake

Street address (*number and street, city, state, and ZIP code*):
9001 W 133rd Place

Nearest intersection: W 133rd Avenue

Right of way where damage occurred: Unknown/Other

Was there a release of product? Yes

If yes, was there an ignition of product? No

Were evacuations necessary as a result of release? No

If yes, how many evacuated? _____

Was there a customer service interruption? Yes

If yes, how many affected? 1

Time to restore service (*in hours*): _____

Enter number of injuries, if applicable and known: _____

Enter number of fatalities, if applicable and known: _____

Property damage, Estimate \$ _____

Affected Facility Information

What type of pipeline was damaged? Natural Gas

What was the affected facility? Service/Drop

What was the depth of the facility, in inches? 20

Notification, Locating, Marking

Did excavator request locates prior to commencing work? Yes

Enter Indiana 811 ticket number, if known: 1305231077

Was the locate request completed within two working days? Yes

If locates were performed, were they done so by a contractor or pipeline employee? Contract Locator

If a contractor locator, enter the company name, if known: USIC

Were facility marks visible in the area of excavation? Yes

Were facilities marked correctly? Yes

Type of markings used: Paint and Flags

If other, please specify: _____

Was site marked by "White Lining"? No

Were special instructions part of the locate request?

Were maps used to complete the locate request? Yes

Were pipeline company representatives on site during excavation? No

Did the excavator notify the operator in the event of this damage? Yes

Did the excavator notify Indiana 811 in the event of this damage? No

Did the excavator notify 911 in the event of a release of product? Unknown/Other

Description of Cause

Select from the list the most accurate cause for the damage: --Failure to use hand tools where required

Additional Comments

Emergency ticket# 1306042956.



150 West Market Street, Suite 600
Indianapolis, IN 46204

August 29, 2013

Via Electronic Transmission – PipelineDamageCase@urc.in.gov

Pipeline Safety Division – Case No. 5120
Indiana Utility Regulatory Commission
101 West Washington Street, Suite 1500 East
Indianapolis, Indiana 46204

RE: Investigation Request for Information; Pipeline Division Case No. 5120

To Whom It May Concern:

Attached please find Northern Indiana Public Service Company's ("NIPSCO") written information, and supporting documentation, relating to the following event:

Date of Event: 6/4/2013
Event Location: 9001 W 133rd Place
City: Cedar Lake
Facility Owner: NIPSCO
Excavator: Austgen Electric Inc
Other Party: N/A
Pipeline Division Case No. 5120

NIPSCO has reviewed its recovery and damage prevention files for this matter and has provided answers, when known, to the list of questions set forth in the Information Request. To the extent available, NIPSCO is also providing a copy of the Damage Information Report – Pipeline Safety Division previously submitted by NIPSCO to IURC Pipeline Safety as well as additional documentation relating to this Event Location.

Upon completion of the investigation, NIPSCO requests that it be provided with a copy of the Pipeline Division's Investigation Report with findings that will be forwarded to the Underground Plant Protection Advisory Committee. If there are any additional questions, please contact the undersigned.

Very truly yours,

Christopher C. (Kit) Earle
NiSource Corporate Services - Legal
Phone: 317-684-4904
Fax: 317-684-4918
Email: cearle@nisource.com

IURC INFORMATION REQUEST	
Pipeline Safety Division Case No. 5120	
Date of Event	6/4/2013
Event Location	9001 W 133rd Place
Event City	Cedar Lake
Facility Owner	NIPSCO
Excavator	Austgen Electric Inc
Date of IURC Information Request	July 29, 2013
THE PARTIES	
EXCAVATOR:	
BUSINESS NAME	Austgen Electric Inc
RESPONSIBLE PARTY PERSONAL NAME	
TITLE (IF ANY)	
ADDRESS	801 East Main Street
CITY/ STATE/ZIP	Griffith / IN / 46319
PREFERRED TELEPHONE	219-924-7528
CELL PHONE TELEPHONE	219-712-7029
EMAIL ADDRESS	jeff@austgen.com
FACILITY INFORMATION - OWNER/OPERATOR OF UTILITY LINE:	
BUSINESS NAME	NORTHERN INDIANA PUBLIC SERVICE COMPANY
RESPONSIBLE PARTY PERSONAL NAME	LUKE SELKING
TITLE	
ADDRESS	1501 HALE AVENUE
CITY/STATE/ZIP	FORT WAYNE, IN 46802
PREFERRED TELEPHONE	260/439-1290
SECONDARY TELEPHONE	
EMAIL ADDRESS	LSELKING@NISOURCE.COM
LOCATOR SERVICE INFORMATION	
BUSINESS NAME	USIC
RESPONSIBLE PARTY PERSONAL NAME	Morgan Thompson
TITLE (IF ANY)	Claims Coordinator
ADDRESS	9045 N. River Rd. Suite 300
CITY/ STATE/ZIP	Indianapolis, IN 46240
PREFERRED TELEPHONE	1-317-538-7301
CELL PHONE TELEPHONE	Same
EMAIL ADDRESS	morganthompson@usicinc.com
OTHER (WITNESS, POLICE, FIRE, OTHER) INFORMATION	
PERSONAL CONTACT	
BUSINESS/ORGANIZATION NAME	
TITLE (IF ANY)	

ADDRESS	
CITY/ STATE/ZIP	
PREFERRED TELEPHONE	
CELL PHONE TELEPHONE	
EMAIL ADDRESS	
UTILITY LINE IMPACT	
LOCATION OF DAMAGE	
ADDRESS	9001 W 133 rd Place
CITY/STATE/ZIP	Cedar Lake / IN /
NEAREST INTERSECTION	
PRODUCT TYPE (Select One)	
NATURAL GAS	X
LIQUID PIPELINE	
UNKNOWN/OTHER	
FACILITY TYPE (Select One)	
DISTRIBUTION	
GATHERING	
SERVICE/DROP	X
TRANSMISSION	
UNKNOWN/OTHER	
SIZE (DIAMETER/ETC.)	5/8"
PRESSURE (PSIG/INCHES)	
INTERRUPTION IN SERVICE (YES/NO)	Yes
NUMBER OF CUSTOMERS AFFECTED	1
EVACUATION (YES/NO)	No
IF YES, HOW MANY EVACUATED	
REPAIR COST (IF KNOWN) (\$)	
CAUSE OF DAMAGE INFORMATION:	
TYPE OF EQUIPMENT (Select One)	
Auger	
Backhoe/Trackhoe	
Boring/Drilling	
Directional Drilling	
Explosives	
Farm Equipment	
Grader/Scraper	
Hand Tools	
Milling Equipment	
Probing Device	

Trencher	X
Vacuum Equipment	
Unknown/Other	
TYPE OF WORK PERFORMED (Select One)	
Agriculture	
Cable TV	
Curb/Sidewalk	
Bldg. Construction	
Bldg. Demolition	
Drainage	
Driveway	
Electric	X
Engineering/Surveying	
Fencing	
Grading	
Irrigation	
Landscaping	
Liquid Pipeline	
Milling	
Natural Gas	
Pole	
Public Transit Authority	
Railroad Maintenance	
Road Work	
Sewer (Sanitary/Storm)	
Site Development	
Steam	
Storm Drain/Culvert	
Street Light	
Telecommunications	
Traffic Signal	
Traffic Sign	
Water	
Waterway Improvement	
Unknown/Other	
RELEASE OF PRODUCT (YES/NO)	Yes
IGNITION AND/OR FIRE (YES/NO)	No
EXCAVATOR NOTIFY 811 (YES/NO)	No
LOCATE INFORMATION:	
EXCAVATOR REQUEST LOCATE (YES/NO)	Yes

INDIANA 811 LOCATE TICKET NUMBER	1305231077
LOCATE MARKS VISIBLE (YES/NO)	Yes
LOCATE MARKS CORRECT (YES/NO)	Yes
EXCAVATOR "WHITE LINED" (YES/NO)	No
MAPS USED TO MARK FACILITIES (YES/NO)	Yes
OPERATOR EMPLOYEES ON-SITE DURING EXCAVATION (YES/NO)	No
INCIDENT IMPACT INFORMATION	
NUMBER OF OUTPATIENT TREATED	0
NUMBER OF INPATIENT TREATED	0
NUMBER OF FATALITIES	0
FIRE DEPARTMENT RESPONSE (YES/NO)	N/A
POLICE DEPARTMENT RESPONSE (YES/NO)	N/A
AMBULANCE RESPONSE (YES/NO)	N/A
ADDITIONAL INFORMATION/COMMENTS	
<p>Failure to use hand tools where required. Emergency ticket number: 1306042956.</p>	

NORTHERN INDIANA PUBLIC SERVICE COMPANY
FACILITY DAMAGE REPORT

** COMPLETE FORM FOR ALL DAMAGES TO NIPSCO FACILITIES **

REPORTING OPERATING AREA 030 MAXIMO WO # C0392808204
OPERATING AREA CONTACT MARK SCHIESSLE JOB ORDER # 598016
TRACKING NUMBER 018-2013-0604-009 LOCATE REF # 1305231077
Locate Performed By: USIE

DATE AND TIME OF ACCIDENT JUNE 4th 2013, 8:15PM DATE OF REPORT 6-4-13
PLACE OF DAMAGE (INCLUDE CITY) 9001 W 133rd pl Lot R15 CEDAR LAKE, IN 46303

DAMAGE WAS TO:
ELECTRIC - POLE / TRANSFORMER: # _____ SIZE _____ YEAR INSTALLED _____ BROKEN YES () NO ()

OTHER (DESCRIBE) _____

GAS: SERVICE MAIN () SIZE 5 1/2" MATERIAL: PLASTIC STEEL () METER () REG STATION () STUB ()
OTHER (DESCRIBE) _____

DEPTH OF FACILITY (inches) 20" PRESSURE (PSI) _____ Lbs.

RELEASE OF GAS: YES NO () IGNITION OF GAS: YES () NO EVACUATION REQUIRED: YES () # _____ NO

INTERRUPTION OF SERVICE: YES () NO () NUMBER OF CUSTOMERS LOST: _____

DURATION OF INTERRUPTION: TIME REPORTED 12:45pm TIME SHUT OFF 1:00pm TIME RESTORED RETIRED

DIAMETER/MEASUREMENT OF HOLE IN GAS FACILITY: 5/8"

LOCATE MARKS ON SITE: YES DISTANCE BETWEEN FACILITY AND LOCATE MARKS _____ NO ()
HOW LOCATED: PAINT FLAGS BOTH WHITE LINED ()

PARTY THAT CAUSED DAMAGES (NAME) AUSTGEN Electric, Inc

ADDRESS OF PARTY (INCLUDE CITY) 801 East Main St. Greiffith, IN 46319

WHO WAS IN CHARGE OF THE WORK SITE AT TIME OF DAMAGE MAEK ZULAWINSKI

WITNESS NAME AND ADDRESS _____

WITNESS REMARKS _____

AGENCIES NOTIFIED / ONSITE: POLICE () AGENCY _____ REPORT # _____

FIRE () AGENCY _____ REPORT # _____

OTHER () _____

PHOTOS TAKEN: YES () NO TAKEN BY: _____
MEDIA ON SITE YES () NO Any Injuries? () YES # _____ () NO _____
(ATTACH PHOTOS TO REPORT)

WORK IN PROGRESS WHEN FACILITY DAMAGED - CHECK APPROPRIATE CHOICE BELOW

- | | | | |
|-------------------------|--|-------------------|------------------------|
| () AGRICULTURE/FARMING | () CABLE TV | () CURB/SIDEWALK | () TELECOMMUNICATIONS |
| () BLDG CONSTRUCTION | () DEMOLITION | () DRAINAGE | () WATER |
| () DRIVEWAY | <input checked="" type="checkbox"/> ELECTRIC | () SURVEYING | () DRAINS/CULVERTS |
| () FENCING | () GRADING | () IRRIGATION | () MOWING |
| () LANDSCAPING | () PIPELINE | () MILLING | () OTHER |
| () POLE/SIGN POST | () ROAD WORK | () SEWER | |

TYPE OF EQUIPMENT USED - CHECK APPROPRIATE CHOICE BELOW

- | | | |
|-----------------------|--|-----------------------|
| () AUGER | () HAND TOOLS | () BACKHOE/TRACKHOE |
| () MILLING EQUIPMENT | () PROBING DEVICE | () BORING / DRILLING |
| () EXPLOSIVES | <input checked="" type="checkbox"/> TRENCHER | () FARM EQUIPMENT |
| () VACUUM EQUIPMENT | () GRADER | () OTHER |

REASON DAMAGE OCCURRED - CHECK APPROPRIATE CHOICE BELOW

- | | | |
|-------------------------|-----------------------------------|---|
| () AUTOMOTIVE ACCIDENT | () EXCAVATING BEFORE LOCATES DUE | <input checked="" type="checkbox"/> CARELESS MACHINE OPERATOR |
| () NO NOTIFICATION | () MARKS DISTURBED | () STUB |
| | | () OTHER |

• SEE REVERSE SIDE FOR COMMENTS AND DIAGRAM

COMMENTS:

Contractor Rau Tremner has Gas Service.

Paint was still visible in grass.

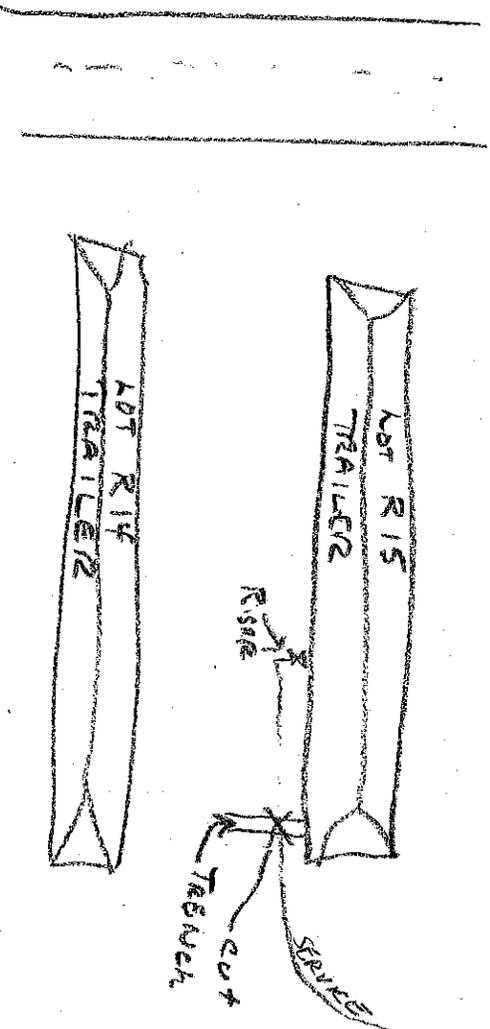
PERSON PREPARING REPORT Aerwa Milk 125704

FIELD SUPERVISOR _____

FIELD MANAGER _____

- ORIGINAL REPORT AND SUPPORTING INFORMATION IS TO BE SENT TO FACILITY DAMAGE RECOVERY
- COPY OF REPORT IS TO BE SENT TO DAMAGE PREVENTION

SKETCH: - Show position of all pertinent information



FOR OFFICE USE ONLY:

- | | | |
|---|-----|----|
| • DID EXCAVATION OCCUR BEFORE LOCATES WERE DUE | YES | NO |
| • NO IN 8'11 LOCATE CALLED IN | YES | NO |
| • DAMAGE CAUSED FROM EXCAVATION WITHIN 24 ^h ZONE | YES | NO |
| • EXPIRED LOCATE | YES | NO |
| • WAS WHITE LINING INDICATED ON LOCATE REQUEST | YES | NO |

COMPLETED BY: _____

DATE: _____

Facility: Transmission Lines; Folder: N/A; Assigned To: N/A

NIPSCO 00347 IUPPSa 05/23/2013 10:08:21 1305231077-00A NORM NEW STRT

NORMAL NOTICE

Ticket : 1305231077 Date: 05/23/2013 Time: 10:02 Oper: DHIGHBAUGH Chan:091

State: IN Cnty: LAKE Twp: HANOVER
Cityname: CEDAR LAKE Inside: Y Near: N
Subdivision: Lot: R14R15

Address : 9001
Street : W 133RD PL
Cross 1 : W 133RD AVE Within 1/4 mile: Y
Location: THIS IS THE CEDAR LAKE MOBILE HOME PARK---LOCATE ENTIRE PROPERTY AT
LOTS R14 AND R15

:
Grids : 4122B8726A 4122B8726B
Boundary: n 41.376486 s 41.375257 w -87.445978 e -87.442097

Work type : INSTALL ELECTRIC
Done for : CEDAR LAKE MOBILE HOME PARK
Start date: 05/28/2013 Time: 10:15 Hours notice: 120/048 Priority: NORM
Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: N
Duration : 2 DAYS Depth: 2 FEET

Company : AUSTGEN ELECTRIC Type: CONT
Co addr : 801 EAST MAIN STREET
City : GRIFFITH State: IN Zip: 46319
Caller : JEFF AUSTGEN Phone: (219)924-7528
Contact : JEFF AUGSTEN - CELL Phone:
BestTime:
Mobile : (219)712-7029
Fax : (219)922-8409
Email : JEFF@AUSTGEN.COM

Remarks : All tickets are taken and processed on Eastern Daylight Time
Will you be white-lining the dig site area? NO
:

Submitted date: 05/23/2013 Time: 10:02
Members: COMCN IB ID2708 ID7478 NIPSCO SM

Facility: Transmission Lines; Folder: N/A; Assigned To: N/A

NIPSCO 00997 IUPPSa 06/04/2013 14:30:32 1306042956-00A EMER NEW STRT

EMERGENCY SEE REMARKS

Ticket : 1306042956 Date: 06/04/2013 Time: 14:27 Oper: LWORTON Chan:062

State: IN Cnty: LAKE Twp: HANOVER
Cityname: CEDAR LAKE Inside: Y Near: N
Subdivision: Lot: R15

Address : 9001
Street : W 133RD PL
Cross 1 : W 133RD DR Within 1/4 mile: Y
Location: LOCATE THE ENTIRE PROPERTY
:
Grids : 4122B8726A 4122B8726B
Boundary: n 41.376486 s 41.375257 w -87.445978 e -87.442097

Work type : REPAIR GAS LINE
Done for : NIPSCO
Start date: 06/04/2013 Time: 14:28 Hours notice: 0/000 Priority: EMER
Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: Y
Duration : 1 DAY Depth: 6 FEET

Company : NIPSCO Type: MEMB
Co addr : 801 EAST 86TH AVENUE
City : MERRILLVILLE State: IN Zip: 46410
Caller : JAMILA MARTIN Phone: (800)322-2806
Contact : MARK SCHIELLE--CELL Phone:
BestTime:
Mobile : (219)746-8237
Fax : (219)647-4764

Remarks : All tickets are taken and processed on Eastern Daylight Time
CREW IS ENROUTE

Will you be white-lining the dig site area? NO
:

Submitted date: 06/04/2013 Time: 14:27
Members: COMCN IB ID2708 ID7478 NIPSCO SM

Fact Based Investigation Report

Notification ID 01820130604009
Damage Date 06/04/2013 00:00
Notified By TENILLE (Facility Owner)
Damage Address 9001 W 133RD PL LAKE COUNTY
CEDAR LAKE , IN
District Northern Indiana
Notification Date 06/04/2013 14:35

Damaged Customer NIPSCO

Investigation Date From 06/04/2013 14:50:00 **To** 06/04/2013 15:25:00

Excavator Involved Austgen Electric
Type of Excavation electric installation

Orig. Locate Request 1305231077 **Start Date** 05/28/2013 11:15
Type of Ticket Routine **Locate Req. Info** N/A

Damage Request # 1306042956 **Start Date** 06/04/2013 14:50

Pictures Taken By Cody Black **Date** 06/04/2013 14:50
Photography Type Digital **Frame #**

Investigator Emp. # 134728 **Investigator Name** Cody Black
Based on your investigation, is further investigation needed? No

Fact Based Investigation Customer Information

Facility Description Low Profile **Facility ID** service - 5/8"

Locator Name & EMP # Black Cody - 134729 **Locator Not Known**

Investigation Findings

Facility Marked Accurately

Other Notes

Investigation Methods

Visual, Facility Exposed At Time Of Investigation

Investigator Statement/Causal Factors

The line was damaged while trenching electric on the property. The line was marked accurately. NIPSCO confirmed the marks were correct.

Names of Utility Representatives Contacted or on Site and Statement

NIPSCO Tommy Buher Damage Prevention Coordinator

Names of Excavator's Representatives Contacted or on Site and Statement

n/a

Other individuals on site

n/a

Were any markings visible on the damage site upon arrival? Yes

Were any other indicators of facility present in the area? Yes

Was the excavation within the tolerance zone of marks? Yes

Extent of facility damage

cut service line

Replacement Footage

2'

Was contractor assistance required? If yes, who?

No

What contractor equipment was used?

Is the facility shown on the utility records?

No

If yes, list record numbers



Property of United States Infrastructure Corporation

Photo taken on 6/4/2013 2:12:22 PM



INFORMATION REQUEST

State Form 54909 (R / 3-13)

INDIANA UTILITY REGULATORY COMMISSION – PIPELINE SAFETY DIVISION

Case Number: 5120

Date of Damage (*month, day, year*): 06/04/2013

Location of Damage:

Address (*number and street*): 9001 W. 133rd Place

City, State and ZIP Code: Cedar Lake, IN 46303

Nearest Intersection: _____

Excavator Information:

Business Name: Austgen Electric, Inc.

Responsible Party Personal Name: _____

Title (*if any*): _____

Address (*number and street*): 801 E. Main St

City, State and ZIP Code: Griffith, IN 46319

Preferred Telephone Number (area code): 219-924-7528

Email Address: accounting@austgen.com

Utility Information:

Utility Name: Nipsco

Contact Person: _____

Title (*if any*): _____

Cause of Damage Information

Type of Equipment (select one):

Type of Work Performed (select one):

Repair Cost: \$ ^{na} _____

Did a leak result from damage: Yes No

Was there ignition: Yes No

Excavator Notify 911 due to leak: Yes No

Excavator Notify 811 upon damage: Yes No

Excavator Notify Utility upon Damage: Yes No

Locate Information

Excavator Request Locate: Yes No

Indiana 811 Locate Ticket Number: 1305231077

Locate Marks Visible: Yes No

Locate Marks Correct: Yes No

Excavator "White Lined": Yes No

Was Locate Provided within Two (2) Working Days: Yes No

Utility Employees On-site during Excavation: Yes No

Incident Information:

Fire Department Response: Yes No

Police Department Response: Yes No

Ambulance Response: Yes No

Additional Information / Comments

On May 23, 2013 Jeff from Austgen Electric called 811 for locates on all sides of trailers labeled R14 & R15. We received a clear on 5/28/2013 at 10:15 AM and the reference # is 1305231077. The incident occurred on 6/4/2013. The all clear expired on 6/12/2013. We performed our due diligence by calling for the locates and were given an all clear to dig within the specified period of time.

Printed Name: Jeff Austgen

Signature:  Date (month, day, year): 08/15/2013

**If submitting this form electronically, typing your name in the signature box will act as an electronic signature.*

Please return completed form to:

PipelineDamageCase@urc.in.gov

Or mail to:

**Indiana Utility Regulatory Commission
Pipeline Safety Division - Case Number _____
101 West Washington Street, 1500E
Indianapolis, IN 46204**

**Or fax to:
317-233-2410**