



Pipeline Safety Division Investigation Report

Investigation regarding: **Duke Energy**

UPPAC Database Record ID: 1593

Investigator: Howard Friend

Report Date: 04/30/2012

Damage Date: 09/22/2010

Damage Address: 129 Main St

City: Milltown

County: Crawford

The Parties

Excavator: **Duke Energy**

Contact: Melanie D Price, Assistant General Counsel

Address: 1000 E Main St, Plainfield, In 46168

Telephone: (317) 838-6877

Facility Owner: Indiana Natural Gas Corporation

Contact: Phillip Ross

Address: 1080 W Hospital Road, Paoli, IN 47454

Pipeline Facility

Facility Type: Natural Gas

Facility Function: Service/Drop

Investigation regarding: Duke Energy

UPPAC Database Record ID: 1593

Damage Impact

Product release: Yes

Ignition: No

Service Interruption: True

Number of Customers Affected: 1

Injuries: 0

Fatalities: 0

Repair Cost (if known): \$987

Excavator Activities/Cause of damage information:

Excavator request locates: Yes Indiana 811 ticket Number: 1009160949

Type of Equipment: Auger

Type of work performed: Pole

Synopsis: An inactive natural gas service was damaged during excavation for a utility pole. The service was not connected to a customer but was still connected to the gas supply.

Findings: Reported by Phil Ross; excavator's response to initial notice was received on 02/20/2012. Operator submits that service had been located and marked within thirteen inches of actual location; excavator chose not to expose the service by hand prior to setting the auger within 4-6" of locate mark.

Conclusion: Excavator failed to maintain the required clearance with mechanized equipment.

Violation: IC 8-1-26-20(b): Failure to plan excavation to avoid damage or interference with underground facilities; Failure to maintain two (2) feet clearance with mechanized equipment.

Duke Energy currently has 4 reports of damages in the record, between 09/23/2009 10:11:44 AM and 12/21/2010 1:02:18 PM.

NO

LOCATE

TICKET

PROVIDED

Information Request

Pipeline Safety Division Indiana Utility Regulatory Commission

Case No. 1593



The Pipeline Safety Division of the Indiana Utility Regulatory Commission requests any and all information you can provide regarding the following criteria:

The Parties:

Excavator Information:

Business Name: DOLE ENERGY
Responsible Party Personal Name: CHARLES LILLY
Title (if any): LEAD LINEMAN
Address: 329 E CHESTNUT STREET
City, State Zip: CORYDON, IN 47112
Preferred Telephone: 812-738-5560
Cell Phone Number: 812-738-5576
Email Address:

Facility Information:

Business Name: INDIANA NATURAL GAS
Responsible Party Personal Name: PHIL ROSS
Title (if any): GENERAL MANAGER
Address: PO BOX 450
City, State, Zip: PAOLI, IN 47454
Preferred Telephone: 812-723-2151
Cell Phone Number:
Email Address: phil_r@indiananatural.com

Locator Service Information:

Business Name: SAME (see above)
Responsible Party Personal Name:
Title (if any):
Address:
City, State Zip:
Preferred Telephone:
Cell Phone Number:
Email Address:

Other (Witness, Police, Fire, Other) Information:

Personal Contact:

Business/Organization Name:

Title (if any)

Address:

City, State, Zip:

Preferred Telephone:

Cell Phone Number:

Email Address:

Utility Line Impact:

Location of Damage:

Address:

City, State Zip:

Nearest Intersection:

Product Type (circle one):

- Natural Gas
- Liquid Pipeline
- Unknown/Other

Facility Type (circle one):

- Distribution
- Gathering
- Service/Drop
- Transmission
- Unknown/Other

Size (Diameter/etc.): 3/4"

Pressure (PSIG/Inches): 40 PSI

Interruption in Service: Yes / No Number of Customers Affected: 0

Evacuation: Yes / No If yes, How Many Evacuated? _____

Repair Cost (if known): \$ 986.54 paid 10/7/2010

Cause of Damage Information:

Type of Equipment (circle one):

Auger
Backhoe/Trackhoe
Boring /Drilling
Directional Drilling
Explosives
Farm Equipment
Grader/Scraper
Hand Tools
Milling Equipment
Probing Device
Trencher
Vacuum Equipment
Unknown/Other

Type of Work Performed (circle one):

Agriculture
Cable TV
Curb/Sidewalk
Bldg. Construction
Bldg. Demolition
Drainage
Driveway
Electric
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
Ignition and/or Fire: Yes / No
Excavator Notify 811: Yes / No

Locate Information:

Excavator Request Locate: Yes / No
Indiana 811 Locate Ticket Number: 1609160949
Locate Marks Visible: Yes / No
Locate Marks Correct: Yes / No *WITHIN 24H*
Excavator "White Lined": Yes / No
Maps Used to Mark Facilities: Yes / No
Was Locate Provided within Two (2) Working Days: Yes / No
Operator Employees On-site during Excavation: Yes / No

Incident Impact Information:

Number of Outpatient Treated: 0
Number of Inpatient Treated: 0
Number of Fatalities: 0
Fire Department Response: Yes / No
Police Department Response: Yes / No
Ambulance Response: Yes / No

Additional Information/Comments:

SEE ATTACHED. INCLUDING PICTURES.

YOUR PIPELINE SAFETY DIVISION CASE NO. 1593
YOUR FULL NAME: PHILLIP S ROSS
FULL NAME OF BUSINESS/ENTITY (if applicable): INDIANA NATURAL GAS
YOUR BUSINESS TITLE (if applicable): GENERAL MANAGER
ADDRESS: PO Box 450
CITY: PAOLI STATE: IN ZIP CODE: 47454
YOUR TELEPHONE NUMBER: (812) 723 2151 SECOND NO. () -
YOUR EMAIL ADDRESS: phil_r@indiananatural.com

TODAY'S DATE: 2/21/2012

YOUR SIGNATURE:  TITLE (if any) GENERAL MANAGER

Please return your Narrative Statement and Answers to the above questions to:

**Pipeline Safety Division – Case No. 1593
Indiana Utility Regulatory Commission
101 West Washington Street, # 1500E
Indianapolis, IN 46204**

Or scan document(s) and Email to:
PipelineDamageCase@urc.in.gov



FRAGS + PAINT



18" Dia
Hole For
New Post.

4" INCHES

4" 13 INCHES
OFF

NOTE PAINT



AFTER LINE WAS CAUGHT IN AUGER



AFTER REPAIR



DAMAGE INFORMATION REPORT – PIPELINE SAFETY DIVISION
State Form 54122 (R / 11-09)
INDIANA UTILITY REGULATORY COMMISSION

Submitted to IURC-Pipeline Safety on: 9-30-2010

Who is submitting this information?

Name of person providing this information: Phil Ross - Indiana Natural Gas Corp.

Business address (*number and street*): 1080 W Hospital Road

City, State, and Zip Code: Paoli, IN 47454

Telephone Number (*area code*): +1 (812) 723-2151

Fax Number (*area code*): +1 (812) 723-2188

Email address: phil_r@indiananatural.com

Excavator Information, if known

Full Name: Duke Energy - Charles Lilly Lead Lineman, Brian Harper Supervisor

Business address (*number and address*): 329 East Chestnut Street

City, State, and Zip Code: Corydon, IN 47112

Telephone number (*area code*): +1 (812) 738-5560

Fax number (*area code*): 8,127,385,576

Email address: _____

Excavation or Demolition Information

Type of excavation or demolition: Excavation - Boring to set pole

Type of excavation or demolition equipment: 18" Diameter vertical Boring Machine

Type of work performed: Digging hole to set power pole

Date and Location of Damage

Date of damage: Sep 22, 2010

County: Crawford

City/Subdivision/Location Name: Milltown

Street address: 129 Main Street

Nearest intersection: 1st Street

Right of way where incident occurred: Public Private

Was there a release of product? Yes No

Was there any customer service interruption? Yes No

If yes, how many affected 0

Projected timeline for completion of re-lights after repairs are made. n/a

Were evacuations necessary as a result of release of gas or hazardous materials? Yes No

If yes, how many evacuated? _____

Was there an ignition of released gas or material? Yes No

If yes, was there:

Injuries, how many? 0

Fatalities, how many? 0

Property damage, Estimate \$ ~~3,000~~ \$986.54
ACTUAL

Affected Facility Information

What type of facility operation was affected? 3/4" Natural Gas service line (steel)

What type of product was involved? Natural Gas

What was the depth of the damaged facility? 16-inches

Notification, Locating, Marking

Did excavator follow the law with respect to requesting a locate and commencing work? Yes No

Did excavator notify you in event of damage? Yes No

One Call ticket number, if known: 1009160949

Contract or company locator? Company - Ryan Eubank

If contracted, what was the name of the contracted locator? N/A

Were facility marks visible in the area of excavation or demolition? Yes No

Were facilities marked correctly? Yes No

Locating equipment type, if known: Split Box

Type of marking used:

Paint Flags Other

If other, explain: _____

Was site marked by "White Lining"? Yes No

Were special instruction part of the locate order? Yes No

Were maps used during marking? Yes No

Did the pipeline operator provide a positive response? Yes No

Were pipeline company representatives on site at the time of excavation or demolition? Yes No

Description of Cause

Possible Cause: Excavator violated 2-foot exclusion zone. Did not hand excavate to expose gas lines prior to boring. Edge of bore within 4-inches of our flags/paint. Hit an unused (live) service and cut it.

Additional Comments

APPEARS THEY TRIED TO AUGER WITHIN 4-INCHES OF UTILITY MARKS. UTILITY MARKS WERE OFF A 13-INCHES, SO THEY HIT THE LINE. IF THEY WOULD HAVE HAND EXCAVATED TO EXPOSE OUR LINE (AS REQUIRED) THIS WOULD NOT HAVE HAPPENED.



Duke Energy Indiana, Inc.
1000 East Main Street
Plainfield, IN 46168

MELANIE D. PRICE
Assistant General Counsel
T: (317) 838-6877
F: (317) 838-1842

February 20, 2011

Ms. Deanna Poon, Esq.
Assistant General Counsel
Indiana Utility Regulatory Commission
101 West Washington Street, #1500E
Indianapolis, IN 46204

Re: Pipeline Safety Division Case Nos. 695, 1344, 1593, 1674, and 1681

Ms. Poon:

Attached are Duke Energy Indiana's Initial Documents as Excavator of the above-referenced case numbers. We have provided all relevant data that we believe is responsive. Please note that Duke Energy Indiana personnel have no knowledge of any incidents on Case Numbers 1344 and 1674. As to the remaining case numbers, Duke Energy Indiana states that it was in compliance with the requirements of Indiana Code Chapter 8-1-26. Specifically, as to each case Number:

Case No. 695 – Duke Energy Indiana personnel provided notice, white lining was not required and personnel performed the excavation by hand. Although personnel did find an unmarked pipeline, Vectren personnel were notified and determined that it was not a gas line.

Case No. 1344 – Duke Energy Indiana has no record of any problems with gas lines at this location on the date cited. Duke Energy Indiana personnel performed its work at this location after the event date cited in the Notice of Preliminary Determination of Violation. Prior to the date when Duke Energy Indiana performed its excavation, Company personnel provided notice. No white lining was required and Duke Energy Indiana personnel maintained the required two feet of clearance with mechanized equipment.

Case No. 1593 - Duke Energy Indiana provided notice, no white lining was required and Duke Energy Indiana personnel excavated in a manner that avoided damage to the properly located main gas line. Nonetheless, Duke Energy Indiana personnel contacted an unmarked abandoned gas service line, and notified IUPPS.

February 20, 2012
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Case No. 1674 – Duke Energy Indiana has no record of any problems with gas lines at this location. Duke Energy Indiana provided notice, no white lining was required and Duke Energy Indiana personnel maintained the required two feet of clearance with mechanized equipment.

Case No. 1681 – Duke Energy Indiana provided notice, no white lining was required and Duke Energy Indiana personnel maintained the required two feet of clearance with mechanized equipment. While setting a pole 60 feet north of the gas line locates, Company personnel contacted an abandoned, unmarked sewer line.

Should you have further questions or require additional information, please call me at 317.838.6877. Thank you.

Cordially,



Melanie D. Price

attachments

Information Request

**Pipeline Safety Division
Indiana Utility Regulatory Commission**

Case No. 1593

The Pipeline Safety Division of the Indiana Utility Regulatory Commission requests any and all information you can provide regarding the following criteria:

The Parties:

Excavator Information:

Business Name: *Duke Energy Indiana, Inc.*

Responsible Party Personal Name: *Bryan Harper*

Title (if any): *Supervisor, Construction & Maintenance*

Address: *329 E. Chestnut Street*

City, State Zip: *Corydon, IN 47112*

Preferred Telephone: *(812) 738-5560*

Cell Phone Number:

Email Address: *Bryan.Harper@duke-energy.com*

Facility Information:

Business Name: *Indiana Natural Gas Corp., Paoli*

Responsible Party Personal Name:

Title (if any):

Address:

City, State, Zip:

Preferred Telephone:

Cell Phone Number:

Email Address:

Locator Service Information: *Unknown*

Business Name:

Responsible Party Personal Name:

Title (if any):

Address:

City, State Zip:

Preferred Telephone:

Cell Phone Number:

Email Address:

INITIAL DOCUMENTS - EXCAVATOR

Other (Witness, Police, Fire, Other) Information: *N/A*

Personal Contact:

Business/Organization Name:

Title (if any)

Address:

City, State, Zip:

Preferred Telephone:

Cell Phone Number:

Email Address:

Utility Line Impact:

Location of Damage:

Address: *129 West Main Street*

City, State Zip: *Milltown, IN 47145*

Nearest Intersection: *First Street*

Product Type (circle one):

(Natural Gas)

Liquid Pipeline

Unknown/Other

Facility Type (circle one):

Distribution

Gathering

(Service/Drop)

Transmission

Unknown/Other

Size (Diameter/etc.): _____

Pressure (PSIG/Inches): _____

Interruption in Service: Yes /No

Number of Customers Affected: _____

Evacuation: Yes /No

If yes, How Many Evacuated? _____

Repair Cost (if known): \$ _____

INITIAL DOCUMENTS - EXCAVATOR

Cause of Damage Information:

Type of Equipment (circle one):

(Auger)

Backhoe/Trackhoe
Boring /Drilling
Directional Drilling
Explosives
Farm Equipment
Grader/Scraper
Hand Tools
Milling Equipment
Probing Device
Trencher
Vacuum Equipment
Unknown/Other

Type of Work Performed (circle one):

Agriculture
Cable TV
Curb/Sidewalk
Bldg. Construction
Bldg. Demolition
Drainage
Driveway
(Electric)
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

Ignition and/or Fire: No

INITIAL DOCUMENTS - EXCAVATOR

Excavator Notify 811: *Yes, for original locates prior to excavation and notified gas company directly after damage occurred*

Locate Information:

Excavator Request Locate: *Yes*

Indiana 811 Locate Ticket Number: *1009160949*

Locate Marks Visible: *Yes*

Locate Marks Correct: *No*

Excavator "White Lined": *Yes*

Maps Used to Mark Facilities: *Yes / No*

Was Locate Provided within Two (2) Working Days: *Excavation started 9/23/2010, more than 2 days after locates requested.*

Operator Employees On-site during Excavation: *Unknown*

Incident Impact Information: *N/A*

Number of Outpatient Treated:

Number of Inpatient Treated:

Number of Fatalities:

Fire Department Response:

Police Department Response:

Ambulance Response:

Additional Information/Comments:

Duke Energy Indiana was replacing a pole at the northeast corner of West Main and First Street. Duke Energy called 811 to provide notice of excavation and for locates (see attached ticket). Upon the facilities being located, Duke Energy began the excavation work and hit an abandoned gas service line that was still connected to the main line but not serving anything and not included in the locate marks for the gas lines at this site.

IC 8-1-26-16(g) Failure to provide notice of excavation. Notice was provided pursuant to statute. IUPPS was called on 9/16/2010 regarding the intent to excavate. Excavation occurred on or about 9/23/2010. See attached IUPPS locate ticket.

IC 8-1-26-16(h) Failure to perform required white lining. White lining was not required pursuant to statute. Duke Energy provided to IUPPS the street address of the excavation location.

IC 8-1-26-20(b) Failure to maintain 2 feet clearance with mechanized equipment. Duke Energy Indiana was aware of the marks for the main gas line and excavated in a manner that avoided damage to the properly located main line. Because the abandoned service line was not located and marked, Duke Energy Indiana was not aware of it and unable to avoid damage during excavation.

INITIAL DOCUMENTS - EXCAVATOR

YOUR PIPELINE SAFETY DIVISION CASE NO. *1593*

YOUR FULL NAME: *Melanie D. Price*

FULL NAME OF BUSINESS/ENTITY (if applicable): *Duke Energy Indiana, Inc.*

YOUR BUSINESS TITLE (if applicable): *Assistant General Counsel*

ADDRESS: *1000 East Main Street*

CITY: *Plainfield* STATE: *IN* ZIP CODE: *46168*

YOUR TELEPHONE NUMBER: *(317) 838-6877*

YOUR EMAIL ADDRESS: *Melanie.price@duke-energy.com*

TODAY'S DATE: *February 17, 2012*

YOUR SIGNATURE: _____

Please return your Narrative Statement and Answers to the above questions to:

**Pipeline Safety Division – Case No. 1593
Indiana Utility Regulatory Commission
101 West Washington Street, # 1500E
Indianapolis, IN 46204**

Or scan document(s) and Email to:

PipelineDamageCase@urc.in.gov

NORMAL NOTICE

Ticket : 1009160949 Date: 09/16/2010 Time: 10:10 Oper: BETH.FERREE Chan:000

State: IN Cnty: CRAWFORD Twp: WHISKEY RUN
 Cityname: MILLTOWN Inside: Y Near: N
 Subdivision:

Address : 129
 Street : W MAIN ST
 Cross 1 : FIRST ST Within 1/4 mile: Y
 Location: REPLACING BAD POLE 456-115 NE CORNER OF W MAIN AND FIRST ST - POLE IS
 PAINTED WITH WHITE X
 :
 Grids : 3820C8616C 3820B8616C 3820C8616B 3820B8616B

Work type : REPLACING POLE
 Done for : DUKE ENERGY
 Start date: 09/20/2010 Time: 10:30 Hours notice: 96/48 Priority: NORM
 Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: N
 Duration : 4 HRS Depth: 8 FT

Company : CINERGY/DUKE ENERGY Type: MEMB
 Co addr : 329 EAST CHESTNUT STREET
 City : CORYDON State: IN Zip: 47112
 Caller : BETH FERREE Phone: (812)738-5567
 Contact : BRYAN HARPER - OFFICE Phone:
 BestTime:
 Mobile : (812)738-5560
 Fax : (812)285-6634

Remarks : All tickets are taken and processed on Eastern Daylight Time
 Will you be white-lining the dig site area? YES
 :

Submitted date: 09/16/2010 Time: 10:10
 Members: ID0002 ID2151 ID4022 ID4848 ID7862 ID8000 SBCIN SM

Failed to get message text or map data: Object expected

Member Name	Facility Types
AT&T - DISTRIBUTION	COMMUNICATIONS
BLUE RIVER REGIONAL WATER DISTRICT	
DUKE ENERGY / FORMERLY CINERGY	ELECTRIC
FRONTIER	TELEPHONE
INDIANA NATURAL GAS CORP., PAOLI	GAS
MILLTOWN SEWER SYSTEM, TOWN OF	
NEW WAVE COMMUNICATION / FORMERLY AVENUE BROADBAND CABLE TV	

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