JAMES & WELLS, P.S.C.

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July 31, 2015

Carroll:

516 Highland Avenue P.O. Box 373 Carrollton, KY 41008 Phone: 502-732-4777 Fax: 502-732-8777

Oldham:

RECEIVED

AUG 4 2015

PUBLIC SERVICE

COMMISSION

113 W. Main Street LaGrange, KY 40031 Phone: 502-225-4770 Fax: 502-225-4746

Jeff R. Derouen
Executive Director
Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

RE:

In the Matter of: Carrollton Utilities

Case No. 2015-00178

Dear Mr. Derouen,

In accordance with the Order entered by the Kentucky Public Service Commission on July 30, 2015, please find the enclosed Response of Carrollton Utilities to the Commission's Order of June 15, 2015 and Motion to Suspend Hearing and Schedule Informal Conference. Please notify Mr. James and Mr. Osborne if any additional information is needed or if an informal conference is scheduled.

Very truly yours,

JAMES & WELLS, P.S.C.

Amy L. Eversole

Enclosure

COMMONWEALTH OF KENTUCKY

RECEIVED

BEFORE THE PUBLIC SERVICE COMMISSION

AUG 4 2015

In the Matter of:

PUBLIC SERVICE COMMISSION

CARROLLTON UTILITIES)	
)	
)	CASE NO. 2015-00178
ALLEGED FAILURE TO COMPLY)	
WITH 49 CRF 8 191.9(a)		

RESPONSE OF CARROLLTON UTILITIES TO THE COMMISSION'S ORDER OF JUNE 15, 2015 AND MOTION TO SUSPEND HEARING AND SCHEDULE INFORMAL CONFERENCE

On June 15, 2015, the Kentucky Public Service Commission ("Commission") issued an Order directing Carrollton Utilities to file a written response to the allegations contained in the Investigation Report prepared by Commission Staff for an event occurring on May 27, 2014 at 11th Street in Carrollton, Kentucky.

On July 20, 2015 Commission staff attorney Jonathon Beyer contacted the law office of James & Wells, P.S.C., Carrollton Utilities legal representation, inquiring about the status of Carrollton Utilities response to the Commission Order, dated June 15, 2015, regarding case number 2015-00178 (Attachment A). Mr. Beyer indicated that the order had been emailed to Carrollton Utilities on June 15, 2015. However, neither Carrollton Utilities, nor the law office of James & Wells, P.S.C. had received a copy of the order, via email or otherwise, and neither were aware that a case (No. 2015-00178) had been established by the Commission. Following the conversation with Mr. Beyer, James & Wells received a copy of the Commission Order, via email, from Commission staff on July 20, 2015. James & Wells emailed a copy of the Commission Order to Carrollton Utilities that same day.

The Commission Order required, in part, the following:

- Carrollton shall submit to the Commission, within 20 days of the date of this Order, a
 written response to the allegations contained in the Investigation Report and the
 alleged regulatory violation as set forth in the findings above.
- Any requests for an informal conference with Commission Staff shall be set forth in writing and filed with the Commission within 20 days of the date of this Order.

Due to the fact Carrollton Utilities was unaware of the pending case and had not previously received a copy of the Investigation Report or the Order, it was unable to submit a written response addressing the allegations contained in the Investigation Report or request an informal conference with Commission Staff within the allotted 20 days of the date of the Order. Please accept this as our response to the Order dated June 15, 2015, received on July 20, 2015, regarding case number 2015-00178.

On July 27, Carrollton Utilities submitted a motion for an extension of time until August 10, 2015 to submit a written response and, if necessary, to request an informal conference. That motion was granted by the Commission through an Order dated July 30, 2015.

For its response to the Commission's Order and the Investigation Report, Carrollton Utilities states as follows:

On May 27, 2014 at approximately 14:05 hours, Carrollton Utilities was notified of an event that occurred at 1104 11th Street, Carrollton, Kentucky approximately five minutes prior involving a fire and report of an explosion. Carrollton Utilities responded to the notification and arrived on scene within ten minutes. Carrollton Fire Department was also dispatched and arrived on scene at approximately 14:12 hours. Carrollton Fire Department requested Carrollton

Utilities to shut off the natural gas flow to the house. At approximately 15:00 hours Carrollton Utilities made telephonic notification of the event to the National Response Center ("NRC") and the Commission.

Due to the structure fire at the meter set, including the meter valve, Carrollton Utilities was unable to shut off gas at the meter, but rather performed a squeeze-off on the service line approximately fifteen feet upstream of the meter set assembly.

As part of its emergency response and investigation, Carrollton Utilities conducted a leak survey of the area and performed odorant tests. Carrollton Utilities found no leaks and the odorant tests indicated the gas was sufficiently odorized to satisfy the requirements of 49 CFR 192.625.

On May 28, 2014 at approximately 08:15 hours, Commission Pipeline Safety investigators, Bill Aitken and Joel Grugin arrived on scene and witnessed Carrollton Utilities performing the pressure test on the service line to the house at 1104 11th Street. Mr. Aitken and Mr. Grugin also reviewed Carrollton Utilities previous pressure records and weekly odorant tests. It was determined that the operating pressure at the time of the incident was approximately 35 psig, well below the system Maximum Allowable Operating Pressure of 60 psig. Furthermore, their review of the odorant tests and records indicated that the gas was odorized to sufficient levels to meet the requirements of 49 CFR 192 – Odorization of gas. (Attachment B)

The Carrollton Fire Department and Carrollton Utilities conducted investigations to determine the cause and origin of the fire and explosion. The results of the Carrollton Fire Department investigation are included in its report (Attachment C) and, while the exact cause could not be determined, the <u>origin</u> was found to be in the basement of the structure. Within a

week of the event, Carrollton Utilities completed its investigation and determined that the fire did not involve a release of gas from a pipeline or other jurisdictional facility operated by Carrollton Utilities and was not reportable.

On July 28, 2014 Carrollton Utilities, due to a misinterpretation of the reporting requirements, submitted a Final Form PHMSA F7100.1: *Incident Report-Gas Distribution Systems* (Attachment D) to PHMSA and the Commission, even though Carrollton Utilities determined the event was not an incident as described in 49 CFR 191.3 and was classified as "non-reportable".

Due, in part, to the fact that Carrollton Utilities did not receive an inspection, investigation, or any other report from the Commission citing any probable violations or deficiencies, Carrollton Utilities believed it had complied with all necessary requirements and regulations regarding this event. There was no additional correspondence between the Commission and Carrollton Utilities regarding the event for nearly eleven months.

Carrollton Utilities, after discussions with other natural gas operators, recognized that the Final Form PHMSA F7100.1: *Incident Report-Gas Distribution Systems* ("Final Report") should not have been submitted to PHMSA or the Commission.

On June 15, 2015 Carrollton Utilities sent a letter (see Attachment E) to PHMSA and the Commission requesting that the Final Report be deleted from record and noted accordingly.

On July 20, 2015 Commission staff attorney Jonathon Beyer contacted the law office of James & Wells, P.S.C., Carrollton Utilities legal representation, inquiring about the status of Carrollton Utilities response to the Commission Order, dated June 15, 2015, regarding case number 2015-00178. Mr. Beyer indicated that the order had been emailed to Carrollton Utilities

on June 15, 2015. However, neither Carrollton Utilities, nor the law office of James & Wells, P.S.C. had received a copy of the order, via email or otherwise, and neither were aware that a case (No. 2015-00178) had been established by the Commission. Following the conversation with Mr. Beyer, James & Wells received a copy of the Commission Order, via email, from Commission staff on July 20, 2015. James & Wells emailed a copy of the Commission Order to Carrollton Utilities.

On July 27, Carrollton Utilities submitted a motion for an extension of time until August 10, 2015 to submit a written response and, if necessary, to request an informal conference. That motion was granted by the Commission through an Order dated July 30, 2015.

As described in its June 15, 2015 order, Case No. 2015-00178, the PSC alleges that "the explosion was reportable pursuant to 49 CFR 191.9(a)" and "Carrollton Utilities was therefore required to submit the requisite report within 30 days, which ran through June 26, 2014." (emphasis added)

49 CFR 191.9(a) requires "each operator of a distribution pipeline system to submit Department of Transportation Form PHMSA F7100.1 as soon as practicable but not more than 30 days after detection of an incident (emphasis added) required to be reported under 191.5". Department of Transportation Form PHMSA F7100.1 is required only if an incident occurs and is due not more than 30 days after detection of an incident. Carrollton Utilities would have only been required to submit the report if it determined it was an incident, and would have had up to 30 days from that date of determination. However, based on its and the Carrollton Fire Departments investigations, Carrollton Utilities concluded that the event was not an incident.

Therefore, an incident was not "detected" and the Department of Transportation Form PHMSA F7100.1 did not have to be submitted by June 26, 2014.

Carrollton Utilities concluded that the event was not reportable because the origin of the fire and explosion was found to be in the basement of the structure and not on Carrollton Utilities jurisdictional pipeline facilities. Therefore, it is Carrollton Utilities position that this event does not meet the definition of "Incident" pursuant to 49 CFR 191.3, and did not require an incident report to be filed as required by 49 CFR 191.9.

In support of its position that the event that occurred on May 27, 2014 was not a reportable incident and Carrollton Utilities did not violate the requirements of 49 CFR 191.9(a), ... Carrollton Utilities offers the following:

Federal pipeline safety regulations and, more specifically, 49 CFR 191.3, define an incident as any of the following events:

- (1) An event that involves a release of gas from a pipeline, or of liquefied natural gas, liquefied petroleum gas, refrigerant gas, or gas from an LNG facility, <u>and</u> (emphasis added) that results in one or more of the following consequences:
 - i. A death, or personal injury necessitating in-patient hospitalization;
 - Estimated property damage of \$50,000 or more, including loss to the operator and others, or both, but excluding cost of gas lost;
 - iii. Unintentional estimated gas loss of three million cubic feet or more;
- (2) An event that results in an emergency shutdown of an LNG facility. Activation of an emergency shutdown system for reasons other than an actual emergency does not constitute an incident.

(3) An event that is significant in the judgment of the operator, even though it did not meet the criteria of paragraphs (1) or (2) of this definition.

To determine if this event meets the criteria of an incident it must meet the criteria of 49 CFR 191.3(1), (2), and/or (3).

191.3(1) is an "event that involves a release of gas from a <u>pipeline</u> (emphasis added) and results in one or more of the following consequences:" as described in 191.3(1)(i), (ii), and (iii). 49 CFR 192.3 includes the following definitions:

Pipeline means all parts of those physical facilities through which gas moves in transportation (emphasis added), including pipe, valves, and other appurtenance attached to pipe, compressor units, metering stations, regulator stations, delivery stations, holders, and fabricated assemblies

Transportation of gas means the gathering, transmission, or distribution of gas by pipeline or the storage of gas, in or affecting interstate or foreign commerce.

Service line means a distribution line that <u>transports</u> (emphasis added), gas from a common source of supply to an individual customer, to two adjacent or adjoining residential or small commercial customers, or to multiple residential or small commercial customers served through a meter header or manifold. <u>A</u> <u>service line ends at the outlet of the customer meter</u> (emphasis added) or at the connection to a customer's piping, whichever is further downstream, or at the connection to customer piping if there is no meter.

Customer meter means the meter that measures the <u>transfer</u> (emphasis added) of gas from an operator to a consumer (emphasis added).

Operator means a person who engages in the <u>transportation</u> (emphasis added) of gas.

By definition, because the meter was at the house, the service line ends at the outlet of the customer meter, whereby the "transfer of ownership" from the operator to the consumer occurs. At that point, the gas is no longer in "transportation" and any piping downstream of the outlet of the meter would be considered "customer piping". Customer piping is not subject to the federal pipeline safety regulations (49 CFR 191, 192, 198, 199) and Carrollton Utilities has no ownership, authority, or responsibility for such piping. The Carrollton Fire Department determined the origin of the fire and explosion was to have occurred in the basement of the structure, demonstrating that Carrollton Utilities *pipeline* was not involved with or a contributor to the initial fire and explosion. Because there was no release of gas "from a pipeline" this event does not meet the definition of an incident under 191.3(1). It is unnecessary to consider the consequences in (i), (ii), and (iii) because the definition of incident is an event that involves a release of gas from a pipeline <u>AND</u> results in one or more of the consequences. However, review of 191.3(1)(i), (ii), and (iii) further supports Carrollton Utilities position that this event was not an incident and is considered "non-reportable".

191.3(1)(i) A death, or personal injury necessitating in-patient hospitalization;

No death or personal injury necessitating in patient hospitalization occurred as a result of this event.

191.3(1)(ii) Estimated property damage of \$50,000 or more, including loss to the operator and others, or both, but excluding cost of gas lost;

While significant damage (in excess of \$50,000) to property occurred as a result of this event, it was not due to an incident on or involving Carrollton Utilities jurisdictional pipeline facilities. PHMSA's instructions for completing Form PHMSA F7100.1 (rev 10-2014): *Incident Report-Gas Distribution Systems* define a secondary ignition (also referred to as "Fire First") as a fire where the origin of the fire is unrelated to the gas systems *subject to Parts 191 and 192* (emphasis added). It goes on to state that "(a)n incident caused by secondary ignition is not to be reported unless a release of gas escaping *from facilities subject to regulation under Parts 191 or 192* (emphasis added) results in one or more of the consequences as described in 191.3 under "Incident" (1)". Guidance in the instructions also states that "A gas distribution system incident attributed to secondary ignition is NOT to be reported to PHMSA <u>unless the damage to facilities subject to Parts 191 or 192</u> (emphasis added) equals or exceeds \$50,000".

As noted in the Carrollton Fire Department's report, the origin of the fire was in the basement of the structure and, therefore, unrelated to any Carrollton Utilities gas facilities that are subject to Parts 191 and 192. None of the consequences described in 191.3(1) resulted as a result of gas escaping from Carrollton Utilities facilities subject to regulation under Parts 191 or 192. Lastly, damage to Carrollton Utilities facilities subject to Parts 191 or 192 did not equal or exceed \$50,000.

191.3(1)(iii) Unintentional estimated gas loss of three million cubic feet or more;

There was no unintentional gas loss of three million cubic feet or more as a result of this event.

191.3(2) is an "event that results in an emergency shutdown of an LNG facility. Activation of an emergency shutdown system for reasons other than an actual emergency does not constitute an incident."

The event does not meet the criteria of 191.3(s) because Carrollton Utilities does not operate and did activate an emergency shutdown of an LNG facility

191.3(3) is an "event that is significant in the judgment of the operator, even though it did not meet the criteria of paragraphs (1) or (2) of this definition."

The event was not "significant in the judgment of the operator" because it did not involve and was not attributable to Carrollton Utilities natural gas pipeline facilities. The event did not involve a release of gas from Carrollton Utilities pipeline, result in damage to Carrollton Utilities facilities subject to Parts 191 or 192 equaling or exceeding \$50,000, there were no deaths or injuries requiring in-patient hospitalization, or result in gas loss of three million cubic feet or more.

For the reasons stated above, it is Carrollton Utilities position that it did not fail to comply with 49 CFR 191.9(a) and should not be assessed any penalty under KRS 2778.992.

NOW THEREFORE, Carrollton Utilities requests that this case be dismissed, or, in the alternative, that the hearing date set for September 15, 2015 be suspended and that an informal conference be scheduled with the Commission Staff for the purposes of discussion and expediting resolution of this proceeding.

Respectfully Submitted,

G. Edward James

Attorney for Carrollton Utilities 516 Highland Avenue, P.O. Box 373 Carrollton, Kentucky 41008 (502) 732-4777

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served by regular U.S. mail, postage prepaid, upon the following on this the 31 day of July, 2015:

Jeff R. Derouen
Executive Director
Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, Kentucky 40602-0615

By: Any J. Elevole Jo G. Edward James

ATTACHMENT A - KY PSC ORDER 2015-00178

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

CARROLLTON UTILITIES)		
ALLEGED FAILURE TO COMPLY WITH)))	CASE NO.	2015-00178
49 CFR § 191.9(a)	j	•	

ORDER

On June 15, 2015, the Commission issued an Order directing Carrollton Utilities ("Carrollton") to tender a written response to the allegation that it should be subject to penalties for violation of 49 CFR § 191.9(a). The Commission directed Carrollton to submit a response within 20 days of the date of the Order.

On July 27, 2015, Carrollton, through counsel, submitted a motion for an extension of time until August 10, 2015, to submit a written response and, if necessary, to request an informal conference. In support, Carrollton asserts that the Commission's June 15, 2015 Order was never received. Carrollton tendered affidavits from its general manager Bill Osborne and safety director Tim Pearson attesting that they did not receive copies of the Order.

The Commission, finding that Carrollton has demonstrated good cause to grant an extension of time within which to file its response to the Commission's June 15, 2015 Order and, if necessary, to request an informal conference HEREBY ORDERS that:

Carrollton's motion for an extension of time to file a response to the
 Commission's June 15, 2015 Order and request an informal conference is granted.

- Carrollton shall submit to the Commission a written response to the allegations contained in the Investigation Report and the alleged regulatory violations as set forth in the Commission's June 15, 2015 Order no later than August 10, 2015.
- Any requests for an informal conference with Commission Staff shall be set forth in writing and filed with the Commission no later than August 10, 2015.

By the Commission
ENTERED

JUL 3 0 2015

KENTUCKY PUBLIC SERVICE COMMISSION

ATTEST

Executive Director

*Carrollton Utilities 225 6th Street P. O. Box 269 Carrollton, KY 41008

*G. Edward James 516 Highland Avenue P.O. Box 373 Carrollton, KENTUCKY 41008

*Bill Osborne General Manager Carrollton Utilities 225 6th Street P. O. Box 269 Carrollton, KY 41008

ATTACHMENT B - KY PSC INCIDENT REPORT



Kentucky Public Service Commission

Engineering-Gas Pipeline Safety Branch Incident Report

Utility/Operator:

City of Carrollton Gas District System

PHMSA Operator ID: 2116

225 6th Street

Carrollton, KY 41008

Utility/Operator Type:

Municipal Gas Operator

Reported By:

Tim Pearson, Safety Officer / Compliance

Incident Occurred:

Approximately 14:00 PM (ET), May 27, 2014

Gas Operator Notified:

Approximately 14:05 PM (ET), May 27, 2014

PSC Notified:

Approximately 15:00 PM (ET), May 27, 2014, by phone call to the

KYPSC office

30 Day Report Received:

July 28, 2014 (PHMSA Original Report Date)

PSC On-Site Investigation:

May 28, 2014

Incident Description:

This incident occurred at 1104 11th Street in Carrollton, Carroll County, Kentucky, at approximately 14:00 hours (Eastern Time) on May 27, 2014. An explosion occurred initially subsequently followed by a fire which destroyed the residence. There were no injuries to occupants of the home that required inpatient hospitalization. (See Attachment B.)

Response to Incident:

Carrollton Utilities

Carrollton Utilities personnel arrived on scene at approximately 14:15 hours. Carrollton fire incident commander Mike Terrell requested that the gas service be shut off to the residence. The area immediately around the meter set assembly was engulfed by the structure fire denying access to the meter valve. Utility personnel then went approximately 15 feet prior to the meter set assembly and excavated a hole and squeezed the flow of gas off there.

Utility personnel then conducted a gas leakage survey of the area around the incident site to determine if any gas leakage was present. No gas leaks were detected. Refer to Attachment B.

Incident Investigation:

Gas Pipeline Safety Branch staff ("Staff"), Joel Grugin and Bill Altken, arrived at the incident scene on May 28 at approximately 08:15 hours.

Pipeline pressure charts, produced by the operator, were reviewed by Staff and the charts indicated that, at the time of the incident, the operating pressure of the distribution system was approximately 35 psig, below the system Maximum Allowable Operating Pressure ("MAOP") of 60 psig. The PHMSA Incident report showed that the MAOP of the system was 90 psig, this is incorrect, 60 psig is the correct MAOP, 90 was entered in error. Tim Pearson confirmed this by phone.

Records of weekly odor tests conducted by the operator prior to the incident and subsequent tests conducted by the operator immediately after the incident were reviewed by Staff and indicated that the gas was odorized to sufficient levels meeting requirements of 49 CFR 192,625.

Examination of the gas meter and service regulator could not be performed by Staff due to the fact that they were destroyed as a result of the incident.

Operator personnel disconnected the service line at the gas main so that a pressure drop test could be applied from that point to the meter valve. The above ground portion of the service line riser and meter valve had apparently been subjected to extreme heat for a period of time during the fire. The Regulator had partially melted, therefore, operator personnel removed it and installed a plug on the outlet side of the valve. The first pressure drop test showed a small leak. Operator personnel determined the plastic pipe inside the metal riser assembly melted due to the heat exposure to the riser assembly during the fire. (The leakage was found by the operator personnel in the riser assembly, which was located outside the structure and above ground)

The riser assembly was then dug up and cut out by the operator personnel; a cap was then installed on the service line just prior to the riser where the service line had not been exposed to extreme heat. A second pressure test was performed by the operator personnel and no leakage was found.

Findings:

The Carrollton fire department report, see _Attachment A, stated that the cause was undetermined due to the structure not being safe to enter. The Carrollton fire department report also stated that a bulge in the floor of the structure indicated that the origin of the explosion occurred in the basement. Staff contacted fire chief Terrell by phone a few weeks after the incident and he revealed that the insurance company holding the policy on the structure had decided not to perform any further investigation of this incident. The house has since been demolished and construction began on a new

Staff found that the operator failed to submit Department of Transportation Form RSPA F 7100.1: Incident Report Form within 30 days after its detection of the incident per pipeline safety regulation 49 CFR 191.9(a). Staff found no other probable violations of Federal pipeline safety regulations.

Attachments:

A. Carrollton fire department report.

B. PHMSA Incident Report - Gas Distribution System

Agency/Title: Investigated By: Name:

Joel Grugin Bill Aitken

KPSC / Investigator III **KPSC/ Investigator IV**

Date: 3/9/15

Signed: fel disken Date: 3/9/15

ATTACHMENT C - CARROLLTON FIRE DEPT. REPORT

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CFD was Dispatched to 1104 11th Street in Carrollton, Ky. in reference to house collapse/explosion and fire. A Carroll County EMS crew was returining from a transport and witnessed the explosion and notified dispatch. Upon arrival of unit 200 the entire northern half of the house was leveled, fire was blowing out back (wast) or C side of the home you could hear the natural gas flowing but could not access the meter and valve due to the heat and fire coming from the basement of the home. The home owner advised everyone was out at this time. E-205 caught the hydrant as they arrived on scone and laid a 5" supply line and began deploying attack lines. Unit 250 requested Carrollton Utilities to assist in shutting of the gas feed. Heavy black smoke was filling the entire scene at this time. First attack line was to the gas meter area in the back of the house, the second line was to the home on the D side to protect that exposure. 3" supply lines and ground monitors were set up on both sides of the structure and a 2 1/2" handline was established at the front of the house. All units were advised to use care and until the gas feed was shut down. Unit 250 requested Kentucky Utilities to assist is shutting down electrical lines coming to the scene. He also requested Ghant Fire Protection Dist. for assistance in fire control and manpower. Advised to have them come in from Tilley Dr. and access the C side of the structure. Once the gas was shut off 250 requested dispatch to contact the State Fire Marshalls Office to send a representative to this scene. R. Allen arrived shortly after we had the scene under control and we began trying to put out the hot spots and determine the cause of the fire and explosion. Utilities essisted with their backhoe in removing debrig and expessing the floor which showed a bulgs in the center and the corners indicating the origin was in the basement. The structure is too unstable to make entry into the basement at this time and conduct a thorough investigation. We questioned the home owner as to what he saw, heard, etc. just before the incident and as to waht was in the basement of the home. He advised the furnace, hot water heater, and a fire place in the basement were all supplied by natural gap. He also stated he had been working on his water softener in the basement earlier in the day and had shut off the city water supply to the house and bleed off the pressure in preparation of making repairs. When asked, he advised that he didn't smell any odors or notice any other problems prior to the incident. His mother, who was sitting on the front porch at the time of the explosion stated that she did not small or notice anything unusual prior to this either. The cause of this is still undetermined due to structure not being mafe to enter the basement and check these sources. CPD will work with the insurance company and their investigators and determine if they want start to demo the home, to the point of making it safe enough to enter and determine the actual point of origin and the actual cause. There is no suspicion of any illegal acts or improper storage of materials contribuiting to this incident at this time.

Also the home to the North (D Side of Fire Structure) received minor damage to some of its vinyl siding and craked a couple of windows due to the heat exposure but it did not receive any fire damage. The Clark's who own the other house were not at home at the time of this incident.

V	Authorization		·		<u></u>		
١	250	Michael	Torrell	Chief	Lonmand	05/28/2014	
l	Of sept in playing (D	Squature		Person or cash	Ag a gustrant	Month City Your	_
ı	250	Hishaol	Torrell	Chief	Command	05/28/2014	- 1
l	Manager making report IC	Synden		Problem or early,	Asservana	Marrie Day Year	

ATTACHMENT D – CARROLLTON UTILITIES LETTER TO PHMSA AND THE COMMISSION



P.O. BOX 269 CARROLLTON, KENTUCKY 41008 PHONE: 502-732-7055 FAX: 502-732-7058

June 15, 2015

Information Resources Manager, PHP-10
Office of Pipeline Safety
Pipeline and Hazardous Materials Safety Administration
U.S Department of Transportation
1200 New Jersey Avenue, SE
Washington, D.C. 20590-0001

RE:

Fire at 1104 Eleventh Street

Carrollton, Carroll County, Kentucky

Date of Incident: May 27, 2014 NCR Number: 20140060-16033

To Whom It May Concern:

The above referenced incident was communicated to DOT and PSC on May 27, 2014 by Carrollton Utilities. At the time the incident occurred Carrollton Utilities could not immediately determine the origin of the fire so we promptly notified DOT and the PSC.

Within a week of the incident, Carrollton Utilities completed our investigation and determined that this fire did not involve a release of gas from a pipeline or other jurisdictional facility operated by Carrollton Utilities. Carrollton Utilities concluded that the incident was not reportable and should not have filed a Final Report.

Through a misinterpretation of the reporting requirements Carrollton Utilities thought a Final Report was required even though the incident was not reportable. Moreover, Carrollton Utilities thought the local fire chief's report was required to complete the Final Report. Carrollton Utilities waited on the fire chief's report and filed a Final Report in July 2014.

Carrollton Utilities apologizes for any confusion caused by mistaking filing the Final Report and requests that the Final Report be deleted from recorded or noted accordingly. Carrollton Utilities will correct the reporting procedures in the future to avoid confusion and maintain

compliance with applicable requirements. Should you have any questions or require additional information, please contact me at (502) 732-1215.

Sincerely,

Carrollton Utilities

By:

Bill R. Osborne, P.E. General Manager

cc:

Mr. Jason Hunt

Public Service Commission

211 Sower Blvd.

Frankfort, Kentucky 40602

ATTACHMENT E – CARROLLTON UTILITIES FORM PHMSA F7100.1

NOTICE. This regard to respond by 49 CFR Plact 164. Failure to report can result be a civil 100,000 for each violation for each day that such violation parallels except that the indules exceed \$1,000,000 on provided in 45 USC 60122.	parently rest to exceed on civil presently whell rest	CMB NO: 3137-0532 5XPRATION DATE: 62/28/	2014
P B	Original Report Date:	07/28/20	14
U.5 Department of Transportation	Na.	20140080-1	KEDO
Pipeline and Hazardous Materials Safety Administration			
and the second of the second o		T DOT UND	
INCIDENT REPORT - GA SYSTEM	ļ:		
A federal egiting stery not conduct or aponeor, and a person is not required to respond to, collection of information subject to the respirational of the Paperwork Raduction Act unless The OAID Conduct Number for tale information collection is 2137-0522. Public reporting to response, including the time for reviewing instructions, gathering the data needed, and can confliction of information are mendatory. Seen consents repending the time to reviewing the consents repending this tendes estimate a restriction of information are mendatory. Seen consents repending this tendes estimate a restriction of the tendes of Papels (NSTROCTIONS).	s that expection of interest This collection of interest	Bon Captuya a comuni velid (il on is activated to be expresse on is activated to be	MII Control Number staty 10 hours per
IMMOTIBLE: Plat to mad the penerate factor than by countries this from helps you had	in. They chally the inform	ition requested and provide ap-	ocile examples #
you do not have a copy of the instructions, you can obtain one from the PHISA Pipeline'S PART'A - KEY REPORT INFORMATION	lalety Community Web Pa	ge et bûn Derme chimse dot en	with the same
	Original:	Supplemental:	I Finat;
Report Type: (select all that apply)	Yes	- or planting i that	Fittali
Lesi Ravision Date			
Operator's OPS-Issued Operator Identification Number (OPID): Name of Operator	2118	S DISTRICT SYSTEM, CIT	
3. Address of Operator	Transtitution	SUSTRUCT STOLEN CIT	YUF
Sa. Street Address	225 STH STREET		
3b, City	CARROLLTON		
Sc. Şurta Sc. Zip Çode	Kentucky 41008		
4. Local time (24-hr clock) and date of the incident:	05/2//2014 14:00		
5. Location of incident:	1 0.2272314 14.80		
Sa. Street Address or location description	1104 11th Street	· · · · · · · · · · · · · · · · · · ·	
Sh, Chy	Compilion		
Sc. County or Partish Sd. State:	Carroll Kantucky		
Şe. Zip Code;	41004	,	
54, Latitude;	36 5808956		
Long Buds;	-85.1793979		
8. National Persponer Cyrrige Report Number: 7. Local time (24-fr clock) and data of initial telephonic report to the National			
7. Lakes whe (24-of-block) and data of short despitoral report to the Hazons). Response Center:	ļ		
B. Incident resulted from:	Unintestional refers	a of com	
9. Gas reinased;	Natural Cas		
- Other Gas Released Name:			
10, Estympted voturne of pay relegated - Thousand Cubic Feet (MGF): 11, Wore (here fatafides)	13.00		
If Yes, specify the number in each category:	No		
17a. Coentar employees	T		
11b. Contractor employees working for the Operator			
11c. Hon-Operator emergency responders			
11d. Workers working on the dight of-way, but NOT especiated with this Operator	1		
11s. General public	+		
† 11. Total fatalties (sum of above)			
12. Wigns there injuries requiring inputeral hospitalization?	Na		
- If Yes, specify the number by cathy category: 12s. Operator employees	· · · · · · · · · · · · · · · · · · ·		
12b. Contractor employees working for the Operator	 		
12c. Non-Operator emergency responders	1	· · · · · · · · · · · · · · · · · · ·	
12d. Workers working on the pobl-of-way, but NOT		 	
nesectated with this Operator	 	 	
17s, Ceneral public 12f, Yotal Injuries (sum of above)	 		
13. Was the ploethre-facility shot down due to the incident?	No.	·	
		no was squezad off intigly	

NV	this morning.
- If Yes, complete Questions 13s and 13t; fuse local time, 24-br clock) 13s, Local time and date of shubbours:	
13b. Local time pipelineracity restacted;	
- Still shut down? (* Supplemental Report Required)	
14. Old the gas lonks?	You
15. Did the gas explode?	Yes
18. Number of general public evacuated.	1,04
17. Time sequence (use local time, 24-hour clock):	
17a. Local time operator Identified Incident:	05/27/2014 14 05
17b. Local time operator resources proved on site;	05/27/2014 14:15
the transport of the state of t	
PART B ADDITIONAL LOCATION INFORMATION	
A MARIE TO THE PARTY OF THE PAR	and the second of the second o
1. Was the Incident on Federal land? 2. Location of incident	Ng
2. Location of excellent 3. Area of incident:	Private property
	Aboveground
Specify: If Other, Describe;	
	novae
(Jepth of Cover: 4. Old Incident occur in a crossing?	11-
If Yes, specify type below:	No
. H Spitch counting o	
- # Bridge crossing ~ Cased/ Uncased:	
- 4 Rairond cressing -	
- u restrong - Cased/ Uncased/ Bored/tirfled	
• If Road crossing —	
Cased/ Uncased/ Rosed/drilled	<u></u>
- If Water crossing -	
Cestel/ Uncased	
Name of body of water (if commonly known):	
Approx, water depth (ii):	
PART C - ADDITIONAL FACILITY INFORMATION"	
	786
1. Indicate the type of pipeline system;	Natural Gas Distribution, municipally owned
- If Other, specify:	Natural Gas Distribution, municipally owned
2. Part of system involved in incident:	Natural Gas Distribution, municipally gened Service Riser
2. Part of system involved in incident: - If Other, specify: - If Other, specify:	Service Riser
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2s. Year "Part of system involved in incident" was installed:	
2. Part of system involved in incident: - if Other, specify: - if Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown?	Service Riser
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 28. Year "Part of system involved in incident" was installed: Unknown? 3. When "Makin" or "Service" is selected as the "Part of system involved in incident.	Service Riser
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Main" or "Service" is selected as the "Part of system involved in incident of the first of system involved in incident of the first of the first of system involved in incident of the first o	Service Riser
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2s. Year "Part of system involved in incident" was installed: Unknown? 3. When "Main" or "Service" is selected as the "Part of system involved in incident as. Nominal dismeter of pipe (in); 3s. Pipe specification (e.g., API 6t., ASTM [92513];	Service Riser
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Make" or "Service" is selected as the "Part of system involved in incident as. Nominal clameter of pipe (n): 3b. Pipe specification (e.g., API SL, ASTM (2)(3): Unknown?	Service Riser
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Make" or "Service" is estacted as the "Part of system involved in incident as. Nominal demarks of pipe (in); 3b. Pipe specification (e.g., API St., ASTM D2513): Unknown? 3c. Pipe manufacturer;	Service Riser
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 28. Year "Part of system involved in incident" was installed: Unknown? 3. When "Matri" or "Service" is selected as the "Part of system involved in incident 3a. Nominal character of pipe (h); 3b. Pipe specification (e.g., API St., ASTM (12513); Unknown? 3c. Pipe manufacturer; Unknown?	Service Riser
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2s. Year "Part of system involved in incident" was installed: Unknown? 3. When "Makin" or "Service" is selected as the "Part of system involved in incident 3s. Nominal derivator of pipe (h); 3b. Pipe specification (s.g., API &L, ASTM 02513); Unknown? 3c. Pipe manufacture: Unknown? 3d. Year of manufacture:	Service Riser
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Make" or "Service" is selected as the "Part of system involved in incident as. Nominal demeter of pipe (h); 3b. Pipe specification (e.g., API SL, ASTM D2513): Unknown? 3c. Pipe manufacture: Unknown? 3d. Year of manufacture: Unknown?	Service Risor 1979 If (Brown PART C, Question 2), provide the following:
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Mater" or "Service" is selected as the "Part of system isvolved in incident as. Nominal dismeter of pipe (in); 3b. Pipe specification (e.g., API BL, ASTM [2513]; Unknown? 3c. Pipe manufacture; Unknown? 3d. Year of manufacture; Unknown? 4. Material involved in Incident:	Service Riser
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Mater" or "Service" is selected as the "Part of system isvolved in incident as. Nominal chameter of pipe (h); 3b. Pipe specification (e.g., API SL, ASTM [2513]; Unknown? 3c. Pipe manufacture: Unknown? 3d. Year of manufacture: Unknown? 4, Material involved in Incident:	Service Risor 1979 If (Brown PART C, Question 2), provide the following:
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 28. Year "Part of system involved in incident" was installed: Unknown? 3. When "Matri" or "Service" is selected as the "Part of system involved in incident 3a. Nominal character of pipe (h): 3b. Pipe specification (e.g., API St., ASTM D2\$13): Unknown? 3c. Pipe manufacture: Unknown? 3d. Year of preparations: Unknown? 4, Material involved in incident: - If Other, specify: 4a. If Steel, Specify sears type:	Service Riser 1979 If (Burn PART C, Question 2), provide the following:
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Mala" or "Service" is estacted as the "Part of system involved in incident 3a. Nominal diameter of pipe (in); 3b. Pipe specification (e.g., API St., ASTM D2513); Unknown? 3c. Pipe manufacture; - Unknown? 3d. Year of manufacture; - Unknown? 4, Material implied in incident; - If Other, specify: 4a. If Sized, Specify sears type:	Service Risor 1979 If (Brown PART C, Question 2), provide the following:
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Malor" or "Service" is estacted as the "Part of system involved in incident as. Nominal dismeter of pipe (in); 3b. Pipe specification (e.g., API St., ASTM D2513); Unknown? 3c. Pipe manufacture; - Unknown? 3d. Year of manufacture; - Unknown? 4, Material involved in incident; - If Other, specify: 4a. If Sized, Specify sears type: - Hone/Linknown? 4b. If Sized, Specify was thickness (inches);	Service Riser 1979 11 (from PART C, Coestion 2), provide the following: Steel
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Mala" or "Service" is estacted as the "Part of system involved in incident 3a. Nominal diameter of pipe (in); 3b. Pipe specification (e.g., API St., ASTM D2513); Unknown? 3c. Pipe manufacture; - Unknown? 3d. Year of manufacture; - Unknown? 4, Material implied in incident; - If Other, specify: 4a. If Sized, Specify sears type:	Service Riser 1979 11 (from PART C, Coestion 2), provide the following: Steel
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: (Introver)? 3. When "Make" or "Service" is selected as the "Part of system involved in incident as. Nominal character of pipe (h); 3b. Pipe specification (e.g., API St., ASTM D2513): Unknown? 3c. Pipe manufacture: Unknown? 3d. Year of manufacture: Unknown? 4, Material involved in incident: - If Other, specify: 4a, If Steel, Specify seam type: Monartinious? 4b. If Steel, Specify well thickness (inches): Unknown? 4c. If Plastic, Specify type:	Service Riser 1979 11 (Boss PART C, Coestion 2), provide the following: Steel
2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Malor" or "Service" is estected as the "Part of system involved in incident as. Nominal dismeter of pipe (in); 3b. Pipe specification (e.g., API St., ASTM D2513); Unknown? 3c. Pipe manufacture; Unknown? 3d. Year of manufacture; Unknown? 4, Material involved in incident; - If Other, specify: 4a. If Sized, Specify seam type: Hone/Linknown? 4b. If Sized, Specify seam type: Unknown? 4c. If Plastic, Specify type; - If Other, describe: 4d. If Plastic, Specify Standard Dimension Ratio (SDR);	Service Riser 1979 11 (Boss PART C, Coestion 2), provide the following: Steel
2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Mala" or "Service" is estected as the "Part of system involved in incident as. Nominal dismeter of pipe (in); 3b. Pipe specification (e.g., API St., ASTM D2513); Unknown? 3c. Pipe manufacture; Unknown? 3d. Year of manufacture; Unknown? 4, Material involved in incident; - If Other, specify: 4a. If Sizel, Specify sears type: Hone/Linknown? 4c. If Plastic, Specify type; - If Other, describe: 4d. If Plastic, Specify Standard Dimension Ratio (SDR);	Service Riser 1979 11 (Boss PART C, Coestion 2), provide the following: Steel
2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Mater" or "Service" is selected as the "Part of system isvolved in incident as. Nominal character of pipe (h); 3b. Pipe specification (e.g., API SL, ASTM [2513]; Unknown? 3c. Pipe manufacture: Unknown? 3d. Year of manufacture: Unknown? 4, Material involved in incident: - If Other, specify: 4a. If Steel, Specify sears type: Hone/Unknown? 4c. If Plastic, Specify well trickness (inches): Unknown? 4d. If Plastic, Specify Standard Dimension Ratio (SDR); Or well trickness. Unknown?	Service Riser 1979 If (Broin PART C, Question 2), provide the following: Steel Linksown Yes
2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Mater" or "Service" is selected as the "Part of system isvolved in incident 3a. Nominal character of pipe (h): 3b. Pipe specification (e.g., API St., ASTM [2513]: Unknown? 3c. Pipe manufacture: Unknown? 3d. Year of preparatecture: Unknown? 4, Material involved in incident: - If Other, specify: 4a. If Steel, Specify well thickness (inches): Unknown? 4b. If Steel, Specify well thickness (inches): Unknown? 4c. If Plastic, Specify lype: - If Other, describe 4d. If Plastic, Specify Standard Dimension Ratio (SDR): Or well frickness. Unknown? 4e. If Polyedhylene (PE) is selected as the type of plestic in Part C, Oue	Service Riser 1979 If (Broin PART C, Question 2), provide the following: Steel Linksown Yes
2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Make" or "Service" is extended as the "Part of system isvolved in incident as. Nominal dismeter of pipe (in); 3b. Pipe specification (e.g., API St., ASTM D2\$13); Unknown? 3c. Pipe manufacture; Unknown? 3d. Year of manufacture; Unknown? 4, Material involved in incident; - If Other, specify: 4a. If Steel, Specify seam type: Mona/Unknown? 4b. If Steel, Specify well tricknesss (inches); Unknown? 4c. If Plastic, Specify type; - M Other, describe- 4d. If Plastic, Specify Standard Dimension Ratio (SDR); Or well Michness.	Service Riser 1979 If (Broin PART C, Question 2), provide the following: Steel Linksown Yes
2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Maler" or "Service" is estected as the "Part of system involved in incident as. Nominal demarks of pipe (in): 3b. Pipe specification (e.g., API St., ASTM D2513): Unknown? 3c. Pipe manufacture: Unknown? 3d. Year of manufacture: Unknown? 4, Material involved in incident: - If Other, specify: 4a. If Sizel, Specify sears type: Hone/Unknown? 4c. If Plastic, Specify will thickness (inches): Unknown? 4c. If Plastic, Specify Standard Dimension Ratio (SDR): Or wed Michaels.	Service Riser 1979 If (Broin PART C, Question 2), provide the following: Steel Linksown Yes
2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Mater" or "Service" is selected as the "Part of system isvolved in incident as. Nominal dismeter of pipe (in); 3b. Pipe specification (e.g., API BL, ASTM [2513]; Unknown? 3c. Pipe manufacture; Unknown? 3d. Year of manufacture; Unknown? 4, Material involved in incident; - If Other, specify: 4a. If Steel, Specify sears type: Hone/Unknown? 4b. If Steel, Specify well trickness (inches); Unknown? 4c. If Plastic, Specify Standard Dimension Ratio (SDR); Or well Prickness, Unknown? 4e, If Polyedystens (PE) is selected as the type of plestic in Part C, Oue - Specify PE Pipe Material Designation Code (i.e. 2406, 3408, otc.)	Service Riser 1979 If (Itom PART C, Opesition 2), provide the following: Size Unknown Yes
2. Part of system involved in incident: - If Other, specify: 2a. Year 'Part of system involved in incident' was installed: Unknown? 3. When "Malor" or "Service" is estected as the "Part of system isvolved in incident as. Nominal dismeter of pipe (In); 3b. Pipe specification (e.g., API St., ASTM D2513); Unknown? 3c. Pipe manufacture: Unknown? 3d. Year of preparatecture: Unknown? 4a. If Steel, Specify sears type: - If Other, specify: 4a. If Steel, Specify sears type: - If Other, specify: 4c. If Plastic, Specify sype: - If Other, specify: 4d. If Plastic, Specify Standard Dimension Ratio (SDR); Or word Prictness, Unknown? 4e. If Plastic, Specify Standard Dimension Ratio (SDR); Or word Prictness, Unknown? 4e. If Polyednylene (PE) is selected as the type of plastic in Part C, Oue - Specify PE Pipe Material Designation Code (I a 2406, 3406, otc.) Unknown?	Service Riser 1979 If (from PART C, Question 2), provide the following: Steel Unknown Yes
- If Other, specify: 2. Part of system involved in incident: - If Other, specify: 2a. Year 'Part of system involved in incident' was installed: (Introver?) 3. When 'Malar' or 'Service' is estected as the 'Part of system isvolved in incident as. Nominal dismeter of pipe (in): 3b. Pipe specification (e.g., API St., ASTM D2413): (Introver?) 3c. Pipe manufacturer: (Introver?) 4d. Year of manufacturer: (Introver?) 4a. If Steel, Specify sears type: (Introver?) 4b. If Steel, Specify sears type: (Introver?) 4c. If Plastic, Specify sype: - If Ciber, describe 4d. If Plastic, Specify Standard Dimension Ratio (SDR): (Introver?) 4e. If Plastic, Specify Standard Dimension Ratio (SDR): (Introver?) 4e. If Plastic, Specify Standard Dimension Ratio (SDR): (Introver?) 4e. If Polyedhylene (PE) is selected as the type of plastic in Part C. Oue - Specify PE Pipe Material Designation Code (I e. 2406, 3406, ptc.) (Introver?) 5. Type of release involved: - If Mechanical Plancture - Specify Approx stre:	Service Riser 1979 1979 If (Boss PART C, Question 2), provide the following: Size Unknown Yes
2. Part of system involved in incident: - If Other, specify: 2a. Year "Part of system involved in incident" was installed: Unknown? 3. When "Make" or "Service" is estected as the "Part of system isvolved in incident. 3a. Nominal demarks of pipe (in): 3b. Pipe specification (e.g., API St., ASTM D2513): Unknown? 3c. Pipe manufacture; Unknown? 3d. Year of manufacture; Unknown? 4. Material involved in incident: - If Other, specify: 4a. If Steel, Specify seam type: Mona/Unknown? 4b. If Steel, Specify wall dischassa (inches): Unknown? 4c. If Plastic, Specify type: - M Other, describe- 4d. If Plastic, Specify Standard Dimension Ratio (SDR): Or well Mychness. Unknown? 4e, If Polyedyiene (PE) is selected as the type of plastic in Part C, Oue- - Specify PE Pipe Material Designation Code (ille 2406, 3408, ott.) Unknown? 5. Type of release involved: - If Other, specify (exter); (unknown?	Service Riser 1979 1979 If (Boss PART C, Question 2), provide the following: Size Unknown Yes
2. Part of system involved in incident: - If Other, specify: 2a. Year 'Part of system involved in incident' was installed: Unknown? 3. When 'Malar' or 'Service' is estected as the 'Part of system isvolved in incident as. Nominal dismeter of pipe (In); 3b. Pipe specification (e.g., API St., ASTM D2513); Unknown? 3c. Pipe manufacturer; Unknown? 3d. Year of manufacturer; Unknown? 4a. If Steel, Specify sears type: - If Other, specify: 4b. If Steel, Specify sears type: - If Other, specify: 4c. If Plastic, Specify sype: - If Ciber, describe 4d. If Plastic, Specify Standard Dimension Ratio (SDR); Or wed Inicioner? 4e. If Plastic, Specify Standard Dimension Ratio (SDR); Or wed Inicioner? 4e. If Polyedhyleng (PE) is selected as the type of plastic in Part C. Oue - Specify PE Pipe Malartel Designation Code (I e 2406, 3406, ptc.) Unknown? 5. Type of release involved; - If Mechanical Puncture - Specify Approx stre:	Service Riser 1979 1979 If (Boss PART C, Question 2), provide the following: Size Unknown Yes

	- Investigation Identified Incorrect controller action of controller error
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	Jan Yrim 10 nobanelate na ephysri -
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	enoine of service (helite working for the Operator), and other factors
	Envestigation ald NOT raview work acheolds rotations, continuous
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**************************************	espitages for why the operator old magazings
	SCHOOLS OF CONTROL INGUITY WAS RECESSED & CUR IO: (CONTROL AN
<u> </u>	- If No. the operator did not first first on bressingston of the controllar(s)
Inabian et to	JEGOCH GU CHACH CHACH DE CAN BE CAN A CONTRACT OF CAN A CONTRACT HARAC
end settly was not monitored by a controllar(s) at the time	7. Wes on investigation inflation and whether or not the controller(s) or control
	• if Cater, Specify.
	Contractor is selected in Chastion & specify in following:
	ed to takengo yd kuled bruoti. 'to "lovies M", "archaetron
Marin Pract Paper and Control of the	de. If "Controller", "Local Operating Personnel, brohydurg
Houlication from Emergency Responder	
	Christian and
-	by contemporative and rate total states (contained and the conference of
	Sci. Old SCADA-bessel information (zuch as alamin), clerifs),
I	fareblant art to noticetab
ì	evers(s), end/or votame or pacts catculators) assist with the
	50. Dkd SCADA-besed information (each as elemits), cleni(s),
	Sh. Was it hay handloned at the tone of the incident?
	Threshort or the sine of the inchest?
	• H Vest.
	place on the pipeline or lacidy involved in the incident?
ON	5 Was a Superviciny Control and Data Augustion (SCADA) based system in
STATEMEN CE LICE SECRESS MANOR	4, Describe the prespure on the system relating to the bucklent;
05'08	to send the integral at the (90AAA) successing Pressure (NAOA) at the point and that of the indicate (paig):
00.25	(obs) hebbri grit to and bra higg gill is grassed gridnings larmoli. I
	1. Estimated pressure at the point and time of the inclosed (page):
]	PART E - ADDITIONAL OPERATING INFORMATION
	Sc. Residences
0	Legistra letiszubra "dc
<u> </u>	Za, Consential entities
	3, Estimated number of Customers out of penicor:
161	37. Extended exal of gas national 3.15.
	Sort of Ges Rolessed
005'58 \$	Zą. Total estimatod property demage (sum of above)
	:sq:csq.
OS	2d. Estimated other costs
009 \$	Periodical variation of Operators emergency response
05	Filesties & spermed symptoms (Proteined On texts betterfiles A. Estimated costs of Openation (Proteined Costs)
	ADALES AUSTRAL
000'90 \$	2a. Estimated cast of public and non-Operator privates
	7 Parinte (topo) (perinte al la
Class (Location	. egemat) fractor basendes. S.
	1. Class Location of Incident :
	PART D ADDITIONAL CONSEQUENCE INFORMATION
no prised Voesnie eruchuntriesmon enti os euto ethogi os goltsealen enti.	
ceg arti grittusa heth schrase sett most econing the	
Collected II foll on the meter, regulator, demegling it and	
Serv Apold sid Aside's Jeants (ETT MOTE no probulges section)	
Gerwice Pitters, theirs and Regulator was damaged due to a	·
A and a harmon on the state from the state of states	: M Stores C rescribe:
	(Janoth circumferentially):
	Approx. size: (widest opening):
	- If Other, Describer,
· 	- M Poutsture - Select Chentraton:
	- If Other, Describe:

	
 Investigation identified that fatigue may have affected the 	
controller(s) involved or impacted the involved controller(s) response	
Investigation identified incorrect procedures	
 Investigation identified incorrect control room equipment postration 	
 Investigation identified maintenance activities that affected control 	
room operations, procedures, met/or controller response	,
Investigation Identified grees other than those above	<u></u>
Describe:	
	. . – , .
PART F. DRUG & ALCOHOL TESTING INFORMATION	
1. As a result of this incident, were any Operator employees tested under the	No
post-eccident drug and atcornol testing requirements of DOT's Drug & Alcohol	†
Testing regulations?	}
- If Yes:	<u> </u>
1a. Specify how many were tested:	
1b. Specify how many falled.	
As a result of this incident, were any Operator contractor employees tested under the post-accident drug and atcohol testing requirements of DOT's Drug & Alcohol Testing requisitions? Yes:	No
2s. Specify how many were tested.	
2b. Specify how many falled:]
PART G - CAUSE INFORMATION	
Select only one box from PART G in sheded column on left representing the App right, Describe secondary, contributing, or root causes of the incident in the next	erant Cause of the Incident, and answer the questions on the titles (PART H)
Apparent Cause:	G8 - Other Incident Cause
G1 - Correction Fatture - only one extr-cause can be picked from sheded le	N-hand coheten,
Correston Falkura Sub-Cause;	
- If External Corresion:	
- H External Correction: 1. Results of your examination:	
1. Results of years examination:	
Reputs of yearst assembation: H Other, Specify:	
Results of visual assemination: If Other, Specify: Type of corresion:	
Results of visual examination: If Other, Specify: Gelvenic	
1. Reputs of your examination: - if Other, Specify: 2. Type of corrosion: - (Generals - Almospheric	
Hyputh of your examination:	
Regulate of yearst examination:	
Reputs of yearst examination:	
1. Reputit of your examination: - If Other, Specify: 2. Type of corresion: - Gelvenic - Almospheric - Stray Centers - Microbiological - Selective Seam - Other	
1. Regults of yearst examination: - If Other, Specify: - Question: - Question: - Almospheris - Stray Correct - Microbiological - Selective Seam - Other - If Other, Describe;	
1. Regults of yearst examination: - If Other, Specify: - Quiveric - Atmospheric - Stray Correct - Microbiological - Selective Seam - Other - If Other, Describe; 2. Type of correctors: - If Other, Describe; - If Other, Describe; - The type(s) of correctors selected in Corection 2 is based on the lottowing:	
1. Regulate of years accommodan: 2. Type of corrosion: 3. Gelegate 4. Altrophets 5 and Correct 4. Altrophets 5 altrophets 5 altrophets - Microbiological 5 alective Scarm - Other - If Other, Describe: 3. The type(s) of corrosion selected in Occaption 2 is based on the following: Floid geometrication:	
1. Reputit of yourse examination: 2. Type of corresion: 3. Queen: 4. Cover, Specify: 4. Appropriate 5. Appropriate 6. Appropriate 6. Appropriate 6. Appropriate 7. Appropriate 6. Appropriate 7. The type (a) of corresion satercied in Covation 2 is based on the following: 7. The type (a) of corresion satercied in Covation 2 is based on the following: 7. The type (b) of corresion satercied in Covation 2 is based on the following: 7. The type (a) of corresion satercied in Covation 2 is based on the following: 7. The type (b) of corresion satercied in Covation 2 is based on the following: 7. The type (a) of corresion satercied in Covation 2 is based on the following: 7. The type (a) of corresion satercied in Covation 2 is based on the following: 7. The type (b) of corresion satercied in Covation 2 is based on the following:	
1. Reputit of your examination: - If Other, Specify: 2. Type of corrosion: - Gelvenic - Almospheric - Stray Correct - Microsiological - Selective Seam - Other - Other - If Other, Specify: - If Other, Describe: - If Other, Describe: - Plot governmenton - Potermineton - Determined by metallurgical gnellysis - Other - Other	
1. Regults of yearst examination: - If Other, Specific: - Calverds: - Almospheris: - Almospheris: - Stray Correct: - Microbiological: - Selective Seam: - Other: - If Other, Specific: - If Other, Describe: 3. The type(s) of correction satested in Corestion 2 is based on the following: - Field geamination: - Determined by metalluspical analysis - Other: - If Other, Describe:	
1. Regards of yearst examination: - If Other, Specify: 2. Type of corrosion: - Quiveric - Atmospheric - Stray Correct - Microbiological - Selective Scam - Other - If Other, Describe; 3. The type(s) of corrosion selected in Corestion 2 is based on the following: - Field examination - Determined by metallurgical analysis - Other - If Other, Describe; 4. Was the felled item buried under the ground?	
1. Reputit of your examination: 2. Type of corrosion: 3. Other, Specify: 4. Appropriate - Appropriate - Appropriate - Microbiological - Selective Seam - Other - If Quier, Describe; 3. The type(s) of corrosion satected in Coration 2 is based on the following: - Field geographicity: - Determined by metalluspical analysis - Other - If Other, Describe; 4. Was the failed item buried under the ground? - If Yes;	
1. Regulate of yearst examination: 2. Type of correston: - (Salverds - Almospheris - Almospheris - Salverds - Microbiological - Selective Seam - Other - If Other, Describe: 3. The type(s) of correston selected in Occasion 2 is based on the following: - Floid graphination: - Determined by metallurgical analysis - Other - If Other, Describe: 4. Was the failed from buried under the ground? - If Yes; 4a. Was failed from buried under the ground? - If Yes;	
1. Regards of yearst examination: 2. Type of corrosion: 2. Calverds 3. Atmospheris 4. Describe 4. Atmospheris 5. Selective Seam 7. Other Seam 7. Other Seam 8. Other Seam 9. Other Seam 9. Other 1. H. Other, Describe; 9. Field examination 1. Determined by metallurgical analysis 9. Other 1. H. Other, Describe; 4. Was the falled item buried under the ground? 11 Yes; 4. Was failed from considered to be under cathodic protection at the One of the jection? 1. Yes, Year protection started:	
1. Regards of yearst examination: 2. Type of corrosion: 2. Calverds 3. Atmospheris 4. Describe 4. Atmospheris 5. Selective Seam 7. Other Seam 7. Other Seam 8. Other Seam 9. Other Seam 9. Other 1. H. Other, Describe; 9. Field examination 1. Determined by metallurgical analysis 9. Other 1. H. Other, Describe; 4. Was the falled item buried under the ground? 11 Yes; 4. Was failed from considered to be under cathodic protection at the One of the jection? 1. Yes, Year protection started:	
1. Regulate of yearst examination: 2. Type of correston: - (Salverds - Almospheris - Almospheris - Salverds - Microbiological - Selective Seam - Other - If Other, Describe: 3. The type(s) of correston selected in Occasion 2 is based on the following: - Floid graphination: - Determined by metallurgical analysis - Other - If Other, Describe: 4. Was the failed from buried under the ground? - If Yes; 4a. Was failed from buried under the ground? - If Yes;	
1. Reputits of yourselessemination: 2. Type of corrosion: 3. Other, Specify: 4. Apropriets - Apropriets - Apropriets - Serry Corrent - Monthlobopical - Selective Seam - Other - If Other, Describe: 3. The type(s) of corrosion satercied in Coreston 2 is based on the following: - Field geographeton - Determined by metaflusgical analysis - Other - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes: 4a. Was failed item considered to be under cathodic protection at the time of the protection started: 4b. Was shelding, builing, or disboording of coating evident at the	
1. Regulate of yearst examination: 2. Type of correston: 3. Type of correston: 4. Ampspheric 5. Stray Correct - Microbiological 5. Selective Seam - Other - Other - If Other, Describe: 3. The type(s) of correcton selected in Oceation 2 is based on the following: Field graphination: - Determined by metallurgical analysis - Other - If Other, Describe: 4. Was the falled from buried under the ground? - If Yes; 4a. Was falled from buried under the ground? - If Yes, - If Yes, Year protection started: 4b. Was shalleding, busing, or dishonding of coeting evident at the point of the incident? 4c. Has one or more Cathodic Protection Survey been conducted at the point of the incident?	
1. Reputit of yourselessministion: - If Other, Specify: - Calverts: - Almospheris: - Almospheris: - Almospheris: - Selective Seam: - Other: - Other: - If Other, Describe: 3. The type (a) of correction satested in Corestion 2 is based on the following: - Field geomination: - Determined by metalluspical analysis: - Other: - If Other, Describe: 4. Was the falled item buried under the ground? - If Yes; - If Yes; - If Yes, Year protection started: 4b, Was shielding, buriers, or dishooding of coating evident at the point of the incident? - If Yes, CP Annual Survey* – Most recent year conducted: - If Yes, CP Annual Survey* – Most recent year conducted:	
1. Reputit of yourselessministen: 2. Type of correston: 3. Other, Specify: 4. Apropriets 5. Septime 6. Monthiotopical 7. Selective Seam 7. Other 7. Other, Describe: 9. The type(s) of correston selected in Coreston 2 is based on the following: Field exemination: 1. The type(s) of correston selected in Coreston 2 is based on the following: Field exemination: 1. Pother field in the protection of the following: 1. Other 1. Other, Describe: 4. Was the falled item buried under the ground? 1. If Yes; 4a. Was falled item considered to be under cathodic protection at the time of the protection? 1. If Yes, Year protection started: 4b. Was shalleding, basiling, or distincting of coating evident at the point of the incident? 4c. Has one or more Cathodic Protection Survey been conducted at the point of the incident? If Yes, CP Annual Survey* - Most recent year conducted: If Yes, Cose interval Survey* - Most recent year conducted:	
1. Reputit of yourselessemination: 2. Type of corresion: 3. Other is pecify: 4. Apropriets 4. Aprophets 5. Septime 4. Microbiological 5. Selective Seam 5. Other 6. Other 7. The type(s) of corresion selected in Occasion 2 is based on the following: Field examination: 7. The type(s) of corresion selected in Occasion 2 is based on the following: Field examination: 7. The type(s) of corresion selected in Occasion 2 is based on the following: 7. Field examination: 8. Was the falled item buried under the ground? 7. If Yes: 4. Was the falled item buried under the ground? 7. If Yes: 4. Was the falled item considered to be under cathodic protection at the time of the protection of the incident? 4. Was shielding, basing, or distancing of coating evident at the point of the incident? 4. Has one or more Cathodic Protection Survey been conducted at the point of the incident? 8. Yes, Chas Interval Survey* - Most recent year conducted: 8. Yes, Chas Interval Survey* - Most recent year conducted: 8. Yes, Chas Interval Survey* - Most recent year conducted:	
1. Reputit of yourselessministion: - If Other, Specify: - Caherric - Almospheric - Almospheric - Ministrical - Politer - Ministrical - Politer - Ministrical - M	
1. Reputs of yourselessministen: - If Other, Specify: - Catherite - Almospherite - Almospherite - Microbiological - Selective Seam - Other - Other - If Other, Describe: 3. The type(a) of corrosion selected in Oceation 2 is based on the following: - Floid grammartion: - Determined by metallurgical analysis - Other - If Other, Describe: 4. Was the falled from buried under the ground? - If Yes: 4a. Was falled from buried under the ground? - If Yes: - If Yes, Year protection started: 4b. Was shielding, busing, or distincting of coating evident at the point of the incident? - If Yes, Year protection started: 4b. Was one or more Cathedic Protection Survey been conducted at the point of the incident? - If Yes, Coase Interval Survey' - Most recent year conducted: - If Yes, Coase Interval Survey' - Most recent year conducted: - If Yes, Other CP Survey' - Most recent year conducted: - If Yes, Other CP Survey' - Most recent year conducted: - If No: - If	
1. Reputit of yourselessemination: 2. Type of correston: 3. Other, Specify: - Almospheric - Almospheric - Almospheric - Selective Seam - Other - Microbiological - Selective Seam - Other - If Other, Describe: 3. The type(s) of correston sateleded in Coreation 2 is based on the following: - Field geometricity: - Pield geometricity: - Determined by metallusgical analysis - Other - If Other, Describe: 4. Was the failed item buried under the ground? - If Yes; 4a. Was failed item considered to be under cathodic protection at the time of the protection; - If Yes, Year protection started: 4b. Was shaliding, busing, or distincting of coating evident at the point of the incident? If Yes, CP Annual Survey' - Most recent year conducted: If Yes, Cose intered Survey' - Most recent year conducted: If Yes, Cose intered Survey' - Most recent year conducted: If Yes, Cose intered Survey' - Most recent year conducted: If Yes, Other CP Survey' - Most recent year conducted: - If No: 4d. Was the failed item externetly costed or painted? 5. Was there observable damage to the coating or paint in the vicinity of the	
1. Reputit of yourse examination: 2. Type of corrosion: 3. Generic - Almospheric - Almospheric - Almospheric - Minobiological - Selective Seam - Other - Other - Other - Higher Seam - Highe	
1. Reputit of yourselessemination: 2. Type of corrosion: 3. Other is considered: 4. Almospheric 5. Stray Correct 4. Microbiological 5. Selective Seam 6. Other 7. Other is selective Seam 6. Other 7. The type (s) of corrosion selected in Oversion 2 is based on the following: Field geometration 1. Determined by metallurgical analysis 9. Other 1. Other, Describe: 4. Was the falled item buried under the ground? 1. If Yes: 4. Was the falled item buried under the ground? 1. If Yes: 4. Was falled from considered to be under cathodic protection at the time of the incident? 1. If Yes, year protection started: 4. Was shalling, bentling, or distancing of coating evident at the point of the incident? 4. Has one or more Cathodic Protection Survey been conducted at the point of the incident? 1. Yes, CP Annual Survey' – Most recent year conducted: 1. Yes, Cose Interval Survey' – Most recent year conducted: 1. Yes, Cose Interval Survey' – Most recent year conducted: 1. Yes, Cose Interval Survey' – Most recent year conducted: 1. If No: 4. Was there observable damage to the coating or paint in the vicinity of the correspont? 5. Was there observable damage to the coating or paint in the vicinity of the correspont? 8. Placeting coating type, if steel pipe is Involved:	
1. Reputit of yourse examination: 2. Type of corrosion: 3. Generic - Almospheric - Almospheric - Almospheric - Minobiological - Selective Seam - Other - Other - Other - Higher Seam - Highe	

7. Rasulta of visual examination:	
- If Other, Describe,	
II. Cours of corrosion (select of that opply);	
- Corresive Commodity	
- Water drop-out/Adid	
- Microbiological	
- Erman	
• Cither	<u> </u>
- If Other, Specify.	
9. The cause(s) of correction selected in Question II is based on the following: (s	elari ali itali acci.ii
- Field exemination	1
Determined by metalturgical analysis	
Other	<u></u>
- If Other, Describe:	<u> </u>
10. Location of corresion (select all that equity);	والمستوال والمستان والمستان والمستوال والمستوال والمستوال والمستوال والمستوال والمستوال والمستوال والمستوال
- Low point in pipe	
- Chos	
- Drop-earl	
• Cither	
- If Other, Describe:	
11. Was the gas/field treated with correction inhibitor or blockles?	
12. Were any figures found in the distribution system where the incident	
OCEUMed?	
Complete the following if any Corrosion Palture sub-cause is selected AMD th	- The defermance beautiful to be the state of the company of
Question I) is Main, Service, or Service Riser.	e Part of system stronger at a schools. (Links PART C.
13. Data of the most recent Leak Burvey conducted	
14. Has one or more pressure test been conducted since original construction of the point of the incident?	
· ¥Yes:	
Most recent year lested:	
Test pressure	
G2 - Natural Force Damage - only one sub-cause can be picked from the	ded left-handed colores
Katural Force Clamage — Sub-Cause:	
If Earth Movement, NOT due to Heavy Rains/Floods:	
1. Specify	
- If Other, Specify:	
- If Heavy Rains/Floods:	
2. Specity:	
- If Other, Sonarly:	
- If Lightning:	
3. Specify.	
- If Temperature:	
4, Boachy,	
- II Other, Specify:	
- II Other, Specify:	
- II Other, Specify:	
- If High Winds:	
- If Other, Specify: - If High Winds: - Other Natural Force Damage:	
- If Aligh Winds: - If High Winds: - Other Natural Force Damage: 5. Describe:	
- If Other, Specify: - If High Winds: - Other Natural Force Damage: 5. Describe: Complete the following if any Natural Force Damage stib-cause is selected.	
- If Other, Specify: - If High Whites: - Other Natural Porce Damage: 5. Describe: Complete the following if any Natural Porce Damage sub-cause is selected. 6. Were the natural forces causing the Incident generated in contraction with	
- If Other, Specify: - If High Whites: - Other Natural Porce Damage: 5. Describe: Complete the following if any Natural Porce Damage sub-cause is selected. 6. Were the natural forces causing the Incident generated in contraction with	
- If Other, Specify: - If High Winds: - Other Natural Porce Damage: 5. Describe: Complete the following if any Natural Porce Damage sub-cause is selected. 6. Were the natural equality and inconjunction with an axis	
- If Other, Specify: - If High Winds: - Other Natural Force Damage: 5. Describe: Complete the following if any Natural Force Damage sub-cause is selected. 6. Were the natural forces causing the Incident generated in conjunction with an axisme weather even!? 6.a if Yes, specify (select oil that spekt): - Huntone	
- If Other, Specify: - If High Winds: - Other Natural Porce Damage: 5. Describe: Complete the following if any Natural Porce Damage sub-cause is selected. 6. Were the natural equality and inconjunction with an axis	
- If Other, Specify: - If High Winds: - Other Natural Force Damage: 5. Describe: Complete the following if any Natural Force Damage sub-cause is selected. 6. Were the natural forces causing the Incident generated in conjunction with an axisme weather even!? 6.a if Yes, specify (select oil that spekt): - Huntone	
- If Nigh Which: - Other Natural Porce Damage: 5. Describe Complete the following if any Natural Porce Damage sub-cause is selected. 6. Where hashed forces cousing the Incident generated in conjunction with an extreme weather even!? 6.a if Yes, appoint (select oil that apply): - Hurricane - Tropical Storm - Tomado - Other	
- If Nigh Which: - Other Natural Porce Damage: 5. Describe Complete the following if any Natural Porce Damage sub-cause is selected. 6. Where hashed forces cousing the Incident generated in conjunction with an extreme weather even!? 6.a if Yes, appoint (select oil that apply): - Hurricane - Tropical Storm - Tomado - Other	
- If Nigh Winds: - Other Natural Porce Damage: 5. Describe: Complete the following if any Natural Porce Damage sub-cause is selected. 6. Were the natural forces causing the Incident generated in conjunction with an extreme weather event? 6.a if Yes, specify (select of that apply): - Hurrisone - Tropical Storm - Tomado - Other - If Other, Specify:	
- If Nigh Winds: - Other Natural Porce Damage: 5. Describe: Complete the following if any Natural Porce Damage sub-cause is selected. 6. Were the natural forces causing the Incident generated in conjunction with an extreme weather event? 6.a if Yes, specify (select of that apply): - Hurrisone - Tropical Storm - Tomado - Other - If Other, Specify:	les-hend coturns
- If Nigh Which: - Other Natural Porce Damage: 5. Describe Complete the following if any Natural Porce Carrage sub-cause is selected. 6. Where the natural Porce causing the Incident generated in conjunction with an axisme weather event? 6.a if Yes, specify (select all that apply): - Hurricone - Tropical Storm - Tomado - Other - If Other, Specify: G3 — Excavation Demage — only one sub-cause can be picked from shaded	lest-hand column
- If Nigh Winds: - Other Natural Porce Damage: 5. Describe: Complete the following if any Natural Porce Damage sub-cause is selected. 6. Were the natural forces causing the Incident generated in conjunction with an extreme weather event? 6.a if Yes, specify (select of that apply): - Hurrisone - Tropical Storm - Tomado - Other - If Other, Specify:	les-fuenci column
- If Nigh Which: - Other Natural Porce Damage: 5. Describe Complete the following if any Ristural Porce Damage sub-cause is selected. 6. Were the natural force cousing the Incident generated in conjunction with an extreme weather even? 6.a if Yes, specify (select all that apply): - Huntone - Tropical Storm - Tomado - Other - Other - If Other, Specify: G3 — Excavation Demage — only one sub-cause can be picked from shaded	lest-fuend columns
- If Nigh Which: - Other Natural Porce Damage: 5. Describe Complete the following if any Natural Porce Carrage sub-cause is selected. 6. Where the natural Porce causing the Incident generated in conjunction with an axisme weather event? 6.a if Yes, specify (select all that apply): - Hurricone - Tropical Storm - Tomado - Other - If Other, Specify: G3 — Excavation Demage — only one sub-cause can be picked from shaded	les-hend coturns
- If Nigh Which: - Other Natural Porce Damage: 5. Describe Complete the following if any Ristural Porce Damage sub-cause is selected. 6. Were the natural force cousing the Incident generated in conjunction with an extreme weather even? 6.a if Yes, specify (select all that apply): - Huntone - Tropical Storm - Tomado - Other - Other - If Other, Specify: G3 — Excavation Demage — only one sub-cause can be picked from shaded	lest-fuend column

- If Excavation Demage by Third Party;		
- If Previous Damage due to Excevedon Activity:		
- n tingen private and to detraction benand.		
Complete the following OKLY IF the "Part of system involved in incident" (In 1) Date of the most recent Leak Survey conducted	om Pari C, Question 2) is Main, Service, er Service Riser.	
2. Has one or more pressure test been conducted since original construction		
at the point of the incident? - if Yes;		
Most recent year tested:		
Test pressure:		
Complete the following if Excevation Demoge by Third Party is exlected.		
3. Did the operator pel prior notification of the excavation activity?		
Sa. If Yes, Notification received from: (select all that apply):		
One-Call Bystem		
- Excresion		
· Cortractor	 	
- Landowner		
	<u> </u>	
Complete the following mandatory CGA-DIRT Program questions if any Excavation Damage sub-cause is selected.		
4 Do you want PHIMSA to upload the following information to CGA-DIRT (mmx.sca.s/ht.com)?		
5. Right-of-Way where event occurred (select of that apply):		
- Public		
- M Public, Specify		
- Private		
- Il Private, Specify:		
- Pigniline Property/Exsernent	<u> </u>	
- Power/Transmission Line		
- Railroad		
- Dedicated Public Utility Egyement		
- Federal Lend		
Dets not collected	<u> </u>	
- Unknown/Citiur	<u> </u>	
8. Type of excevelor ;		
7. Type of excevation equipment ;	·	
8. Type of work performed :		
9. Was the One-Call Center notified?		
Sa. If Yes, specify lickel number.		
Sa. If Yes, specify lickel number: Sb. If this is a State where more than a single One-Call Center access, list the name of the One-Call Center notified:		
4A V. as all assista		
10. Type of Locator:		
11. Were facility locate merics visible in the area of excevation?		
12. Were facilities marked correctly?		
13. Did the clarrage cause an interruption in service?		
13a, if Yes, specify duration of the Interruption:		
14. Description of the CGA-DIRT Root Cause (select only the one predominant) choice, the one predominant second level CGA-DIRT Root Cause as well):	irst level CGA-DIRT Roof Cause and then, where evaluate as a	
- Rook Cause Descriptors		
- H One-Cult Notification Practices Not Sufficient, specify.		
- If Location Practices Not Sufficient, specify:		
 If Excavation Practices Not Sufficient, sceoty: 		
- If Cither/Mone of the Above (express), aspecify:	 	
		
G4 - Other Cutside Force Damage - only one sub-cause can be selected from the shaded left-hand cotagn		
Other Cutalde Force Comage - Bub-Cause:		
- if Hearby Industrial, Man-made, or Other Fire/Explosion as Primary Course of Incident:		
. If Damage by Car, Truck, or Other Motorized Vehicle/Equipment NOT Eng	and in Fernation	
1. Vehicle/Equipment operated by:		
- If Demage by Sosts, Barges, Drilling Rigs, or Other Markime Equipment of	r vessets Set AdMit or Which Have Otherwise Loci Their	
Mooring		
2. Setert one or more of the following by an extreme weather ment was a factor:		

- Hurricang	
- Yropical Slorm	
- Tomado	
- Heavy Ratic/Flood	
- Other	
- If Cither, Specify;	
- If Routine or Normal Fishing or Other Maritime Activity NOT Engaged in E	ecavations
- If Electrical Arcing from Other Equipment or Facility:	
- a Decorpt Michigana opini adebiasia a Lemali.	
If Previous Mechanical Damage NOT Related to Excavation:	
Complete the following ONLY IF the "Part of system involved in incident" from Part	C, Question 7) is Main, Service, or Service (Eser.
3. Date of the most record Leak Survey conducted:	
4. Has one or more pressure test been conducted since original construction	
of the point of the incident?	
Most recent year Instact: Yest pressure (palg):	
- If Intentional Damage:	
5, Specify:	
- If Other, Specify:	
- If Other Outside Force Damage:	
6. Describe:	

G5 - Material Falture of Pipe or Weld - only one sub-cause can be selecte	d from the abaded left-band cokern
-, -, -, -, -, -, -, -, -, -, -, -, -, -	
<u> </u>	
Material Falker of Pipe or Wold Sub-Cause:	
- If Body of Pipe;	
1, Specify:	
- If Other, Describe:	
- If But Weid:	
2. Specify:	
- If Other, Describe.	
• If Filet Weld:	
J. Specify;	
- If Other, Describe	
- If Pipe Searc:	
4. Specify:	
- If Other, Describe:	
	
If Threaded Matellic Pipe;	
- if Mechanical Fitting:	<u>-</u> .
Specify the mechanical fixing involved:	
- If Other, Describe:	
6. Specify the type of mechanical fiding:	
- If Other, Describe:	
7, Manufacturer,	
8. Year menufactured:	
S. Year tratalect:	
10, Other attributes:	
11, Specify the two materials being joined;	
11s. First material being jointed:	
- Steel	
- Cast/Wroport Iron	
- Dycite Iron	·····
- Copper - Plastic	
- Untropen	
- Other	
- If Other, Specify:	
11b. if Prastic, specify:	
11b, If Plastic, specify: - If Other Plastic, specify: - If Other Plastic, specify: 11c, Second meterial being joined:	

CasiAVirought Iron	
Dycitie iron	
• Сопрог	
- Plastic	
- Unknown	
- Other	
- If Other, Specify:	
1 td, If Plantic, specify:	
- ti Other Plastic, Specify:	
12. If used on plastic pipe, did the litting —as designed by the manufacturer —	
Include restraint?	
12a. If Yes, opecify:	
- If Compression Fitting:	· · · · · · · · · · · · · · · · · · ·
• If Compression Friting:	
13. Fitting type:	
14. Manufacturer:	· — · · · · · · · · · · · · · · · · · ·
15. Year manufactured:	
16, Year Installed;	
17. Other attributes:	
18. Specify the two materials being joined:	
18a, First material being joined:	
- Start	
- Cast/Wought from	
- Dyctle iron	
- Copper	
- Playtic	
- Unknown	
- Other	
- If Other, specify:	
16b, V Plastic, specify:	
- If Other Plastic, specify:	
18c. Second material being joined:	
- State	
- Cest/Wrought Iron	
- Ducile kon	
- Copper	· · · · · · · · · · · · · · · · · · ·
- Plastic	· · · · · · · · · · · · · · · · · · ·
- Unknown	
- Other	
If Other, specify;	
18d, If Plastic, specify	
- Other Plastic, specify:	
	· · · · · · · · · · · · · · · · · · ·
↑ If Fusion Joint:	
19. Specify:	
- If Other, Specify:	
20, Veer kestziled;	· · · · · · · · · · · · · · · · · · ·
21. Other attributes:	
22, Specify the two materials being joined:	
22a. First material being joined:	
- If Other, Specify:	
22b. Second metartal being joined:	
-II Other, Specify:	
- If Other Pipe, Weld, or Joint Falker:	_
23, Describe;	
Complete the following if any Pipe, Wald, or Joint Fallure sub-cause is select	rd.
24. Additional Factors (select of that apply).	
- Dent	
- Gouge	
- Pice Bend	
- Arç Burn	
- Arc ours	
- Lack of Fusion	
- Lact or Fosion	**
- Buckle	
- Winkle	
- Winnie - Monitorment	
- Missagramana - Burnt Start	
	
- Other	

	emphood Major of Englati-
	beritigates empasand by -
	aunpercud connection -
	(Voca livit lag toging) to balant medant that ext 25
·	Complete the following if any incorrect Operation sub-cause is selected.
	(* Describe: Operation:
	: 11 Of the Insurant Description:
	- if Wrong Equipment Specified or matalled:
	rythegarf ballaterd fell memplup!! !! -
	the Physiline or Equipment O bramping To entheqit 11 -
:Alfresi	- If Valve Laft or Placed in Whong Position, but KOT Resulting in an Overpre
:sqamst) Instructional (shipling V perhotoM at each TOM brus n	- If Dentage by Operator or Operator's Contractor NOT Ratated to Baccayation
	Incorrect Operation Sub-Cause:
TO - Tricontact Operation - too setto-cause can be selected from the absoled laft-head columns	
·	Subsect &
	: If Other Equipment Fallure:
	de. Year manufactured:
<u> </u>	4b, Manufactured by:
	HONE LINE I
	- if Other, Specify:
	- ii Viives:
	- If Other, Specify
	g' glach.
	- II Non-Duraded Connection Faltura:
	Yibeq2, NeOO 11 -
	a. il Thresded Comrection Februa:
	- H Other, Epecify
	Milio -
	Patrick Principle - Story Patrick - Principle - Principle - Principle Principle - Principle Principle - Principle Principle - Principle
	gical word.
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	eview hook?) -
	- Block Valve
	• Cottuira(capous
	- BCVOV
	(क्षेत्रिक्यक्यक्रहेश -
	PARA Valva
······································	Alcedg 1
	- 11 Mathynethon of Control/Rethef Equipment;
	Equipment Felbra – Sub-Cause:
amulco brish-Reij bel	ons art mont Patigung : only one cause; and the cause of months and
	'alificant taj
	Wost recent year lested:
	- ኪ ሊፋደ:
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	egenst evolverd -
	Digito (Cipto) -
	- il Olivei, Specify.
	Notes
	toelsto IshetsM •
	Specific
	- <u>Coute</u> (App Cale)
	25. Was tra tradent a mack of

Of to 8 age's

Form Press F 7100.1 (Nev. 06-2011)

- Cither	
- If Other, Describ	Die.
3. What calegory type was the activity that coused the incident;	
 Was the taskin) that led to the buildent identified as a covered task in your Operator Qualification Program? 	
4s. If Yes, were the individuals performing the task(s) qualified for the task(s)?	
GB - Other Incident Cause - only one sub-cause can be selected from 0	he sheded lift-hand column
Other incident Cause - Sub-Cause:	Unknown
- If Miscellaneous:	
1, Dascribe:	
- If Unknown:	
2. Specify:	Investigation complete, cause of incident unknown
PART H - NARRATIVE DESCRIPTION OF THE INCIDENT	र कर । १ कि.स. व्यक्ति व्यक्ति
<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	
Carrollon Ky, CU staff personnel responded 10 minutes later. The in advised he would like to have the gas shut off to the house. CU personucture. Therefore, the service line was located about 15 feet from explosion was not determined. Odorant tests were performed on the	ionnel could not get to the meter due to the fire on the the house, excavated, and equezzed off. The cause of the day of the incident at the adjacent residents and found to be
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*Carrollton Utilities 225 6th. Street P. O. Box 269 Carrollton, KY 41008

*Bill Osborne General Manager Carrollton Utilities 225 6th Street P. O. Box 269 Carrollton, KY 41008