NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil per 100,000 for each violation for each day that such violation persists except that the maximum exceed \$1,000,000 as provided in 49 USC 60122.		OMB NO: 2137-0522 EXPIRATION DATE: 8/31/2020
	Original Report Date:	10/21/2020
U.S Department of Transportation	No.	20200101- 34404
Pipeline and Hazardous Materials Safety Administration		(DOT Use Only)
INCIDENT REPORT - GAS SYSTEM	DISTRIBUTION	
A federal agency may not conduct or sponsor, and a person is not required to respond to, no collection of information subject to the requirements of the Paperwork Reduction Act unless The OMB Control Number for this information collection is 2137-0522. All responses to this burden or any other aspect of this collection of information, including suggestions for reducin of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.	that collection of informa collection of information	ation displays a current valid OMB Control Number. are mandatory. Send comments regarding the
INSTRUCTIONS		
Important: Please read the separate instructions for completing this form before you begin. you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Sa gov/pipeline/library/forms.		
PART A - KEY REPORT INFORMATION		
Report Type: (select all that apply)	Original:	Supplemental: Final:
	Yes	Yes
Last Revision Date 1. Operator's OPS-issued Operator Identification Number (OPID):	30750	
2. Name of Operator		NERGY COMPANY
3. Address of Operator:		
3a. Street Address		REET PO BOX 778
3b. City	SIOUX CITY	
3c. State 3d. Zip Code	lowa 51102	
4. Local time (24-hr clock) and date of the Incident:	09/25/2020 10:45	
5. Location of Incident:	00/20/2020 10.40	
5a. Street Address or location description	400 Beach Avenue	
5b. City	Dell Rapids	
5c. County or Parish	Minnehaha	
5d. State:	South Dakota	
5e. Zip Code: 5f. Latitude / Longitude	57022 43.82347, -96.7016	<u>8</u>
6. National Response Center Report Number:	1288248	56
7. Local time (24-hr clock) and date of initial telephonic report to the National	09/25/2020 11:33	
Response Center:		
8. Incident resulted from:	Unintentional release	se of gas
9. Gas released:	Natural Gas	
- Other Gas Released Name: 10. Estimated volume of gas released - Thousand Cubic Feet (MCF):	10.700	
11. Were there fatalities?	No	
- If Yes, specify the number in each category:		
11a. Operator employees		
11b. Contractor employees working for the Operator		
11c. Non-Operator emergency responders		
11d. Workers working on the right-of-way, but NOT associated with this Operator		
11e. General public		
11f. Total fatalities (sum of above)		
12. Were there injuries requiring inpatient hospitalization?	No	
- If Yes, specify the number in each category:	I	
12a. Operator employees		
12b. Contractor employees working for the Operator 12c. Non-Operator emergency responders		
12d. Workers working on the right-of-way, but NOT associated with this Operator		
12e. General public		
12f. Total injuries (sum of above)		
13. Was the pipeline/facility shut down due to the incident?	Yes	
- If No, Explain:		
- If Yes, complete Questions 13a and 13b: (use local time, 24-hr clock)		

	1
13a. Local time and date of shutdown:	09/24/2020 23:15
13b. Local time pipeline/facility restarted:	09/25/2020 17:00
- Still shut down? (* Supplemental Report Required)	
14. Did the gas ignite?	Yes
15. Did the gas explode?16. Number of general public evacuated:	No3
17. Time sequence (use local time, 24-hour clock):	5
17a. Local time operator identified Incident - effective 10-2014, "Incident"	09/24/2020 21:36
changed to "failure"	03/24/2020 21.30
17b. Local time operator resources arrived on site:	09/24/2020 22:17
· · · · · · · · · · · · · · · · · · ·	
PART B - ADDITIONAL LOCATION INFORMATION	
1. Was the Incident on Federal land?	NI-
Location of Incident	No Public property
3. Area of Incident:	Underground
S. Area of incident. Specify:	Under soil
If Other, Describe:	
Depth of Cover:	1
4. Did Incident occur in a crossing?	No
- If Yes, specify type below:	
- If Bridge crossing –	
Cased/ Uncased:	
- If Railroad crossing –	
Cased/ Uncased/ Bored/drilled	
- If Road crossing –	
Cased/ Uncased/ Bored/drilled	
- If Water crossing –	
Cased/ Uncased	
Name of body of water (If commonly known):	
Approx. water depth (ft):	
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION	Investor Owned
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Investor Owned
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION	Investor Owned Main
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Main 1994
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Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Main 1994 ent" (from PART C, Question 2), provide the following: 2
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Main 1994 ent" (from PART C, Question 2), provide the following: 2 ASTM D2513
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Main 1994 ent" (from PART C, Question 2), provide the following: 2 ASTM D2513 Plexco
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Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Main 1994 ent" (from PART C, Question 2), provide the following: 2 ASTM D2513 Plexco 1993
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Main 1994 ent" (from PART C, Question 2), provide the following: 2 ASTM D2513 Plexco 1993 Plastic Polyethylene (PE)
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Main 1994 ent" (from PART C, Question 2), provide the following: 2 ASTM D2513 Plexco 1993 Plastic
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Main 1994 ent" (from PART C, Question 2), provide the following: 2 ASTM D2513 Plexco 1993 Plastic Polyethylene (PE) 11.0
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Main 1994 ent" (from PART C, Question 2), provide the following: 2 ASTM D2513 Plexco 1993 Plastic Polyethylene (PE) 11.0 estion 4.c:
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system: - If Other, specify: 2. Part of system involved in Incident: - If Other, specify: 2a. Year "Part of system involved in Incident" was installed: 3. When "Main" or "Service" is selected as the "Part of system involved in Incide 3a. Nominal diameter of pipe (in): 3b. Pipe specification (e.g., API 5L, ASTM D2513): 3c. Pipe manufacturer: 3d. Year of manufacture: 4. Material involved in Incident: - If Other, specify: 4a. If Steel, Specify seam type: - None/Unknown? 4b. If Steel, Specify wall thickness <i>(inches)</i> : 4c. If Plastic, Specify type: - If Other, describe: 4d. If Plastic, Specify Standard Dimension Ratio (SDR): - Specify PE Pipe Material Designation Code (i.e. 2406, 3408,	Main 1994 ent" (from PART C, Question 2), provide the following: 2 ASTM D2513 Plexco 1993 Plastic Polyethylene (PE) 11.0
Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system:	Main 1994 ent" (from PART C, Question 2), provide the following: 2 ASTM D2513 Plexco 1993 Plastic Polyethylene (PE) 11.0 estion 4.c:
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Approx. water depth (ft): PART C - ADDITIONAL FACILITY INFORMATION 1. Indicate the type of pipeline system: - If Other, specify: 2. Part of system involved in Incident: - If Other, specify: 2a. Year "Part of system involved in Incident" was installed: 3. When "Main" or "Service" is selected as the "Part of system involved in Incide 3a. Nominal diameter of pipe (in): 3b. Pipe specification (e.g., API 5L, ASTM D2513): 3c. Pipe manufacturer: 3d. Year of manufacture: 4. Material involved in Incident: - If Other, specify: 4a. If Steel, Specify seam type: - If Other, specify: 4b. If Steel, Specify wall thickness <i>(inches)</i> : - If Other, describe: 4d. If Plastic, Specify type: - If Other, describe: - If Other, des	Main 1994 ent" (from PART C, Question 2), provide the following: 2 ASTM D2513 Plexco 1993 Plastic Polyethylene (PE) 11.0 estion 4.c: 2406
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Form PHMSA F 7100.1

1. Class Location of Incident :	Class 4 Location
2. Estimated Property Damage :	
2a. Estimated cost of public and non-Operator private	\$ 350,000
property damage paid/reimbursed by the Operator – effective 6-2011,	
"paid/reimbursed by the Operator" removed	
Estimated cost of gas released – effective 6-2011, moved to item 2f	
2b. Estimated cost of Operator's property damage & repairs	\$ 679
2c. Estimated cost of Operator's emergency response	\$ 4,576
2d. Estimated other costs	\$0
- Describe:	
2e. Property damage subtotal (sum of above)	\$ 355,255
Cost of Gas Released	
2f. Estimated cost of gas released	\$ 22
Total of all costs	\$ 355,277
 Estimated number of customers out of service: 	
3a. Commercial entities_	1
3b. Industrial entities	0
3c. Residences	0
PART E - ADDITIONAL OPERATING INFORMATION	
1. Estimated pressure at the point and time of the Incident (psig):	43.00
2. Normal operating pressure at the point and time of the Incident (psig):	45.00
3. Maximum Allowable Operating Pressure (MAOP) at the point and time of	50.00
he Incident (psig):	
I. Describe the pressure on the system relating to the Incident:	Pressure did not exceed MAOP
5. Was a Supervisory Control and Data Acquisition (SCADA) based system in	No
place on the pipeline or facility involved in the Incident?	
- If Yes:	
5a. Was it operating at the time of the Incident?	
5b. Was it fully functional at the time of the Incident?	
5c. Did SCADA-based information (such as alarm(s), alert(s), event	
(s), and/or volume or pack calculations) assist with the detection of	
the Incident?	
5d. Did SCADA-based information (such as alarm(s), alert(s), event	
(s), and/or volume calculations) assist with the confirmation of the Incident?	
5. How was the Incident initially identified for the Operator?	Notification from Emergency Responder
- If Other, Specify:	
6a. If "Controller", "Local Operating Personnel, including	
contractors", "Air Patrol", or "Ground Patrol by Operator or its	
contractor" is selected in Question 6, specify.	
7. Was an investigation initiated into whether or not the controller(s) or control	No, the facility was not monitored by a controller(s) at the time
oom issues were the cause of or a contributing factor to the Incident?	of the Incident
- If "No, the operator did not find that an investigation of the controller(s)	
actions or control room issues was necessary due to:"	
(provide an explanation for why the operator did not investigate)	
- If Yes, Specify investigation result(s) (select all that apply):	
 Investigation reviewed work schedule rotations, continuous hours 	
of service (while working for the Operator), and other factors	
associated with fatigue	
 Investigation did NOT review work schedule rotations, continuous 	
hours of service (while working for the Operator), and other factors	
associated with fatigue	
- Provide an explanation for why not:	
Investigation identified no control room issues	
Investigation identified no controller issues	
 Investigation identified incorrect controller action or controller error 	
- 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 operation 	
- Investigation identified maintenance activities that affected control	
room operations, procedures, and/or controller response	
 Investigation identified areas other than those above 	

Form PHMSA F 7100.1

Describe:	
PART F - DRUG & ALCOHOL TESTING INFORMATION	
1. As a result of this Incident, were any Operator employees tested under the post-accident drug and alcohol testing requirements of DOT's Drug & Alcohol Testing regulations?	No
- If Yes:	
1a. How many were tested:	
1b. How many failed:	
 As a result of this Incident, were any Operator contractor employees tested under the post-accident drug and alcohol testing requirements of DOT's Drug & Alcohol Testing regulations? If Yes: 	No
2a. How many were tested:	
2b. How many failed:	
PART G - CAUSE INFORMATION	
	arent Cause of the Incident and answer the superiors on the
Select only one box from PART G in shaded column on left representing the App right. Describe secondary, contributing, or root causes of the Incident in the narra	
Apparent Cause:	G3 - Excavation Damage
G1 - Corrosion Failure – only one sub-cause can be picked from shaded let	t-hand column
Corrosion Failure Sub-Cause:	
- If External Corrosion:	
1. Results of visual examination:	
- If Other, Specify:	
2. Type of corrosion:	
- Galvanic	
- Atmospheric	
- Stray Current - Microbiological	
- Microbiological - Selective Seam	
- Other	
- If Other, Describe:	
3. The type(s) of corrosion selected in Question 2 is based on the following:	
- Field examination	
- Determined by metallurgical 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 incident?	
 If Yes, Year protection started: 4b. Was shielding, tenting, or disbonding 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, Close Interval Survey" – Most recent year conducted:	
If "Yes, Other CP Survey" – Most recent year conducted:	
- If No:	
4d. Was the failed item externally coated or painted?	
5. Was there observable damage to the coating or paint in the vicinity of the corrosion?	
6. Pipeline coating type, if steel pipe is involved:	
- If Other, Describe:	
- If Internal Corrosion:	
7. Results of visual examination:	
- If Other, Describe:	
8. Cause of corrosion (select all that apply): - Corrosive Commodity	
- Corrosive Commodity - Water drop-out/Acid	
- Water drop-out/Acid - Microbiological	

- Erosion	
- Other	
- If Other, Specify:	
9. The cause(s) of corrosion selected in Question 8 is based on the following: (se	elect all that apply):
- Field examination	
 Determined by metallurgical analysis 	
- Other	
- If Other, Describe:	
10. Location of corrosion (select all that apply):	
- Low point in pipe	
- Elbow	
- Drop-out	
- Other	
- If Other, Describe:	
 Was the gas/fluid treated with corrosion inhibitor or biocides? Were any liquids found in the distribution system where the Incident 	
occurred?	
Complete the following if any Corrosion Failure sub-cause is selected AND th Question 2) is Main, Service, or Service Riser. 13. Date of the most recent Leak Survey conducted	e "Part of system involved in incident" (from PART C,
 Date of the most recent Leak Survey conducted 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:	
G2 - Natural Force Damage - only one sub-cause can be picked from sha	ded left-handed column
Natural Force Damage – Sub-Cause:	
- If Earth Movement, NOT due to Heavy Rains/Floods:	
1. Specify:	
- If Other, Specify:	
- If Heavy Rains/Floods:	
2. Specify:	
- If Other, Specify:	
- If Lightning:	
3. Specify:	
- If Temperature:	
4. Specify:	
- If Other, Specify:	
- If 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 extreme weather event?	
6.a If Yes, specify (select all that apply):	
- Hurricane	
- Tropical Storm	
- Tornado	
- Other	
- If Other, Specify:	
G3 – Excavation Damage – only one sub-cause can be picked from shaded	l left-hand column
Excavation Damage – Sub-Cause:	Excavation Damage by Third Party
- If Previous Damage due to Excavation Activity: Complete the following O Question 2) is Main, Service, or Service Riser.	NLY IF the "Part of system involved in Incident" (from Part C,
1. Date of the most recent Leak Survey conducted	
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 Excavation Damage by Third Party is selected.	

3. Did the operator get prior notification of the excavation activity?	No
3a. If Yes, Notification received from: (select all that apply):	
- One-Call System	
- Excavator	
- Contractor	
- Landowner	
Complete the following mandatory CGA-DIRT Program questions if any Exca	vation Damage sub-cause is selected.
4. Do you want PHMSA to upload the following information to CGA-DIRT (<u>www.cga-dirt.com</u>)?	Yes
5. Right-of-Way where event occurred (select all that apply):	
- Public	Yes
- If Public, Specify:	City Street
- Private	
- If Private, Specify:	
- Pipeline Property/Easement	
- Power/Transmission Line	
- Railroad	
- Dedicated Public Utility Easement	
- Federal Land	
- Data not collected	
- Unknown/Other	O setes star
6. Type of excavator :	Contractor
7. Type of excavation equipment :	Unknown/Other
8. Type of work performed :	Curb/Sidewalk
9. Was the One-Call Center notified?	No
9a. If Yes, specify ticket number:	
9b. If this is a State where more than a single One-Call Center exists, list	
the name of the One-Call Center notified:	
10. Type of Locator:	
11. Were facility locate marks visible in the area of excavation?	
12. Were facilities marked correctly?	
13. Did the damage cause an interruption in service?	Yes
13a. If Yes, specify duration of the interruption:	18
14. Description of the CGA-DIRT Root Cause (select only the one predominant is	first level CGA-DIRT Root Cause and then, where available as a
choice, the one predominant second level CGA-DIRT Root Cause as well):	
- Root Cause Description:	One-Call Notification Practices Not Sufficient
 If One-Call Notification Practices Not Sufficient, specify: 	No notification made to the One-Call Center
- If Locating Practices Not Sufficient, specify:	
- If Excavation Practices Not Sufficient, specify:	
- If Other/None of the Above, explain:	
G4 - Other Outside Force Damage - only one sub-cause can be selected	from the shaded left-hand column
Other Outside Force Damage – Sub-Cause:	
v	
- If Domono by Cor, Truck, or Other Meterized Vehicle/Equipment NOT Eng	
- If Damage by Car, Truck, or Other Motorized Vehicle/Equipment NOT Eng	aged in Excavation:
1. Vehicle/Equipment operated by:	aged in Excavation:
1. Vehicle/Equipment operated by:	
 Vehicle/Equipment operated by: If Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment of 	
 Vehicle/Equipment operated by: If Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment of Mooring: 	or Vessels Set Adrift or Which Have Otherwise Lost Their
 Vehicle/Equipment operated by: If Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment of Mooring: Select one or more of the following IF an extreme weather event was a factor: 	or Vessels Set Adrift or Which Have Otherwise Lost Their
 Vehicle/Equipment operated by: If Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment of Mooring: Select one or more of the following IF an extreme weather event was a factor: Hurricane 	or Vessels Set Adrift or Which Have Otherwise Lost Their
1. Vehicle/Equipment operated by: If Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment of Mooring: 2. Select one or more of the following IF an extreme weather event was a factor: - Hurricane - Tropical Storm	or Vessels Set Adrift or Which Have Otherwise Lost Their
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- If Other, Specify:	
- If Other Outside Force Damage:	
6. Describe:	
G5 - Pipe, Weld, or Joint Failure - only one sub-cause can be selected fro	m the shaded left-hand column
Pipe, Weld or Joint Failure – Sub-Cause:	
- If Body of Pipe:	
1. Specify:	
- If Other, Describe:	
2. Specify:	
- If Other, Describe:	
- If Fillet Weld:	
3. Specify:	
- If Other, Describe:	
- If Pipe Seam:	
4. Specify: - If Other, Describe:	
- If Mechanical Fitting:	
5. Specify the mechanical fitting involved:	
- If Other, Describe:	
6. Specify the type of mechanical fitting: - If Other, Describe:	
7. Manufacturer:	
8. Year manufactured:	
9. Year Installed:	
 Other attributes: Specify the two materials being joined: 	
11a. First material being joined:	
- If Other, Specify:	
11b. If Plastic, specify:	
- If Other Plastic, specify: 11c. Second material being joined:	
- If Other, Specify:	
11d. If Plastic, specify:	
- If Other Plastic, Specify:	
12. If used on plastic pipe, did the fitting – as designed by the manufacturer – include restraint?	
12a. If Yes, specify:	
- If Compression Fitting: 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:	
- If Other, specify:	
18b. If Plastic, specify:	
If Other Plastic, specify: 18c. Second material being joined:	
If Other, specify:	
18d. If Plastic, specify:	
- Other Plastic, specify:	
- If Fusion Joint: 19. Specify:	
- If Other, Specify:	
20. Year installed:	
21. Other attributes:	
22. Specify the two materials being joined: 22a. First material being joined:	
- If Other, Specify:	
22b. Second material being joined:	
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- If Other, Specify:	
- If Other Pipe, Weld, or Joint Failure:	
23. Describe:	
Complete the following if any Pipe, Weld, or Joint Failure sub-cause is select	ed.
24. Additional Factors (select all that apply):	
- Dent	
- Gouge	
- Pipe Bend	
- Arc Burn	
- Crack - Lack of Fusion	
- Lack of Fusion - Lamination	
- Buckle	
- Wrinkle	
- Misalignment	
- Burnt Steel	
- Other	
- If Other, Specify:	
25. Was the Incident a result of: - Construction defect	
- Construction defect Specify:	
- Material defect	
Specify:	
- If Other, Specify:	
- Design defect	
- Previous damage	
26. 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:	
Equipment Failure – Sub-Cause:	
- If Malfunction of Control/Relief Equipment:	
1. Specify:	
- Control Valve	
- Instrumentation	
- SCADA - Communications	
- Block Valve	
- Check Valve	
- Relief Valve	
- Power Failure	
- Stopple/Control Fitting	
- Pressure Regulator	
- Other	
- If Other, Specify:	
- If Threaded Connection Failure:	
2. Specify: - If Other, Specify:	
- If Non-threaded Connection Failure:	
3. Specify:	
- If Other, Specify:	
- If Valve:	
4. Specify:	
- If Other, Specify:	
4a. Valve type:	
4b. Manufactured by:	
4c. Year manufactured:	
- If Other Equipment Failure:	
5. Describe:	

G7 - Incorrect Operation - only one sub-cause can be selected from the shaded left-hand column		
Incorrect Operation Sub-Cause:		
- If Other Incorrect Operation:		
1. Describe:		
Complete the following if any Incorrect Operation sub-cause is selected.		
2. Was this Incident related to: (select all that apply)		
- Inadequate procedure		
- No procedure established		
- Failure to follow procedure		
- Other		
- If Other, Describe:		
3. What category type was the activity that caused the Incident:		
4. Was the task(s) that led to the Incident identified as a covered task in your Operator Qualification Program?		
4a. If Yes, were the individuals performing the task(s) qualified for the task (s)?		
G8 - Other Incident Cause - only one sub-cause can be selected from the s	shaded left-hand column	
Other Incident Cause – Sub-Cause:		
- If Miscellaneous:		
1. Describe:		
- If Unknown:		
2. Specify:		
PART H - NARRATIVE DESCRIPTION OF THE INCIDENT		
BX Civil & Construction (third party contractor) was doing fine grading in preparation for installing curb and gutter along Beach Avenue in Dell Rapids, South Dakota on the evening of September 24, 2020. Previous street grading by Zacharias Construction, Inc. had lowered the street grade significantly (approximately 36") and reduced the cover over a two inch plastic natural gas main to approximately one inch. MidAmerican Energy was not aware that the street grade had been reduced to a level that would conflict with the existing facilities prior to the event. The machine scraped along the top of the main until it broke through releasing natural gas at 43 psig under the machine. The gas ignited and the fire department responded. MidAmerican Energy was notified at 21:36 and arrived on site at 22:17. The main was squeezed off at approximately 23:15 shutting off the flow of gas to the fire. The excavator's equipment, 5700C Power Curber, was assessed for damage the next morning and it was determined that the extent of damage was estimated to be \$350,000. Once the estimate of damage was determined to be in excess of \$50,000, the		
NRC was notified (report 1288248). There were no injuries, the gas did not explode, and one house was evacuated by the excavator as a precaution.		
Subsequent NRC reports associated with this incident are 1288388 for a correction on the date and 1288446 for the 48 hour follow up.		
PART I - PREPARER AND AUTHORIZED SIGNATURE		
Preparer's Name	Christopher R. Payer	
Preparer's Title	Senior Engineer	
Preparer's Telephone Number	712-277-7941	
Preparer's E-mail Address	Chris.Payer@midamerican.com	
Preparer's Facsimile Number		
Authorize Signature's Name	Dehn Stevens	
Authorized Signature's Title	Vice President Gas Delivery	
Authorized Signature's Email Address	Dehn.Stevens@midamerican.com	