

ATTACHMENT E

incident_gas_distribution_jan2010_present

REPORT_RECEIVED_DATE	IYEAR	REPORT_NUMBER	SUPPLEMENTAL_NUMBER	REPORT_TYPE
OPERATOR_ID	NAME	OPERATOR_STREET_ADDRESS	OPERATOR_CITY_NAME	
OPERATOR_STATE_ABBREVIATION		OPERATOR_POSTAL_CODE	LOCAL_DATETIME	
LOCATION_STREET_ADDRESS	LOCATION_CITY_NAME	LOCATION_COUNTY_NAME		
LOCATION_STATE_ABBREVIATION	LOCATION_POSTAL_CODE	LOCATION_LATITUDE		
LOCATION_LONGITUDE	NRC_RPT_NUM	NRC_RPT_DATETIME	INCIDENT_RESULTED	
COMMODITY_RELEASED_TYPE	COMMODITY_DETAILS	GAS_RELEASED	FATALITY_IND	
NUM_EMP_FATALITIES	NUM_CONTR_FATALITIES	NUM_ER_FATALITIES		
NUM_WORKER_FATALITIES	NUM_GP_FATALITIES	FATAL_INJURY_IND		
NUM_EMP_INJURIES	NUM_CONTR_INJURIES	NUM_ER_INJURIES	NUM_WORKER_INJURIES	
NUM_GP_INJURIES	INJURE	SHUTDOWN_DUE_ACCIDENT_IND	SHUTDOWN_EXPLAIN	
SHUTDOWN_DATETIME	RESTART_DATETIME	STILL_SHUTDOWN_IND	IGNITE_IND	
EXPLODE_IND	NUM_PUB_EVACUATED	INCIDENT_IDENTIFIED_DATETIME		
ON_SITE_DATETIME	FEDERAL	LOCATION_TYPE	INCIDENT_AREA_TYPE	
INCIDENT_AREA_SUBTYPE	INCIDENT_AREA_DETAILS	DEPTH_OF_COVER	CROSSING	
BRIDGE_CROSSING_IND	BRIDGE_TYPE	RAILROAD_CROSSING_IND	RAILROAD_TYPE	
ROAD_CROSSING_IND	ROAD_TYPE	WATER_CROSSING_IND	WATER_TYPE	
WATER_NAME	WATER_DEPTH	PIPE_FACILITY_TYPE	PIPE_TYPE_OTHER	
SYSTEM_PART_INVOLVED	SYSTEM_PART_DETAILS	INSTALLATION_YEAR_UNKNOWN_IND		
INSTALLATION_YEAR	PIPE_DIAMETER	PIPE_SPECIFICATION		
PIPE_MFRR_UNKNOWN_IND	PIPE_MANUFACTURER	PIPE_MFR_YEAR_UNKNOWN_IND		
PIPE_MANUFACTURE_YEAR	MATERIAL_INVOLVED	MATERIAL_DETAILS		
SEAM_TYPE_UNKNOWN_IND	MATERIAL_SEAM_TYPE	WT_STEEL	WT_STEEL_UNKNOWN_IND	
PLASTIC_TYPE	PLASTIC_DETAILS	PLASTIC_SDR	WT_PLASTIC	
WT_PLASTIC_UNKNOWN_IND	MATERIAL_PE_PIPE_CODE	PLASTIC_PE_UNKNOWN_IND	RELEASE_TYPE	
PUNCTURE_AXIAL	PUNCTURE_CIRCUM	LEAK_TYPE_OTHER	RUPTURE_ORIENT	
RUPTURE_DETAILS	RUPTURE_LENGTH	RUPTURE_WIDTH	RELEASE_TYPE_DETAILS	
CLASS_LOCATION_TYPE	EST_COST_OPER_PAID	EST_COST_PROP_DAMAGE		
EST_COST_EMERGENCY	EST_COST_OTHER	EST_COST_OTHER_DETAILS		
EST_COST_GAS_RELEASED	PRPTY	COMMERCIAL_AFFECTED	INDUSTRIAL_AFFECTED	
RESIDENCES_AFFECTED	ACCIDENT_PSIG	NORMAL_PSIG	MOP_PSIG	
ACCIDENT_PRESSURE	SCADA_IN_PLACE_IND	SCADA_OPERATING_IND		
SCADA_FUNCTIONAL_IND	SCADA_DETECTION_IND	SCADA_CONF_IND	ACCIDENT_IDENTIFIER	
ACCIDENT_DETAILS	OPERATOR_TYPE	INVESTIGATION_STATUS		
INVESTIGATION_STATUS_DETAILS	INVEST_SCHEDULE_IND	INVEST_NO_SCHEDULE_IND		
INVEST_NO_SCHEDULE_IND_DETAILS	INVEST_NO_CONTROL_ROOM_IND			
INVEST_NO_CONTROLLER_IND	INVEST_INCORRECT_ACTION_IND	INVEST_FATIGUE_IND		
INVEST_INCORRECT_PROCEDURE_IND	INVEST_INCORRECT_CONTROL_IND	INVEST_MAINT_IND		
INVEST_OTHER_IND	INVEST_OTHER_IND_DETAILS	EMPLOYEE_DRUG_TEST_IND		
NUM_EMPLOYEES_TESTED	NUM_EMPLOYEES_FAILED	CONTRACTOR_DRUG_TEST_IND		
NUM_CONTRACTORS_TESTED	NUM_CONTRACTORS_FAILED	CAUSE	CAUSE_DETAILS	
INTERNAL_EXTERNAL	VISUAL_EXAM_RESULTS	VISUAL_EXAM_DETAILS		
GALVANIC_CORROSION_IND	ATMOSPHERE_CORROSION_IND	STRAY_CURRENT_CORROSION_IND		
MICROBIOLOGICAL_CORROSION_IND	SELECTIVE_SEAM_CORROSION_IND	OTHER_CORROSION_IND		
CORROSION_TYPE_DETAILS	FIELD_EXAM_BASIS_IND	METALLURGICAL_BASIS_IND		
OTHER_BASIS_IND	CORROSION_BASIS_DETAILS	UNDERGROUND_LOCATION		
UNDER_CATHODIC_PROTECTION_IND	CATHODIC_PRO_START_YEAR	SHIELDING_EVIDENT		
CATHODIC_SURVEY_TYPE	CP_ANNUAL_SURVEY_IND	CLOSE_INTERVAL_SURVEY_IND		
OTHER_CP_SURVEY_IND	CP_ANNUAL_SURVEY_YEAR	CLOSE_INTERVAL_SURVEY_YEAR		
OTHER_CP_SURVEY_YEAR	EXTERNALLY_COATED	PRIOR_DAMAGE	COATING_TYPE	
COATING_TYPE_DETAILS	INT_VISUAL_EXAM_RESULTS	INT_VISUAL_EXAM_DETAILS		
INT_CORROSIVE_COMMODITY_IND	INT_WATER_ACID_IND	INT_MICROBIOLOGICAL_IND		
INT_EROSION_IND	INT_OTHER_CORROSION_IND	INT_CORROSION_TYPE_DETAILS		
INT_FIELD_EXAM_BASIS_IND	INT_METALLURGICAL_BASIS_IND	INT_OTHER_BASIS_IND		
INT_CORROSION_BASIS_DETAILS	INT_LOW_POINT_PIPE_LOC_IND	INT_ELBOW_LOC_IND		
INT_DROP_OUT_LOC_IND	INT_OTHER_LOC_IND	CORROSION_LOCATION_DETAILS		
CORROSION_INHIBITORS	LIQUID_FOUND	COR_HYDROTEST_LEAK_SURVEY_DATE		
COR_HYDROTEST_CONDUCTED_IND	COR_HYDROTEST_CONDUCTED_YEAR			
COR_HYDROTEST_PRESSURE	NATURAL_FORCE_TYPE	EARTH_SUBTYPE	HEAVY_RAINS_SUBTYPE	
LIGHTNING_SUBTYPE	TEMPERATURE_SUBTYPE	NF_OTHER_DETAILS		
NF_EXTREME_WEATHER_IND	NF_HURRICANE_IND	NF_TROPICAL_STORM_IND		
NF_TORNADO_IND	NF_OTHER_IND	NF_EXTREME_WEATHER_DETAILS	EX_PARTY_TYPE	
EX_HYDROTEST_LEAK_SURVEY_DATE	EX_HYDROTEST_CONDUCTED_IND			

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EX_HYDROTEST_CONDUCTED_YEAR	EX_HYDROTEST_PRESSURE	PRIOR_NOTIFICATION_IND
ONE_CALL_SYSTEM_IND	EXCAVATOR_IND	CONTRACTOR_IND
NOTIFY_CGA_DIRT_PUBLIC_ROW_IND	PUBLIC_SUBTYPE	PRIVATE_ROW_IND
PIPELINE_EASEMENT_ROW_IND	POWER_TRANSMISSION_ROW_IND	RAILROAD_ROW_IND
PUBLIC_UTIL_EASEMENT_ROW_IND	FEDERAL_LAND_ROW_IND	DATA_NOT_COLLECTED_ROW_IND
UNKNOWN_ROW_IND	EXCAVATOR_TYPE	EXCAVATOR_EQUIPMENT
ONE_CALL_NOTIFIED_IND	ONE_CALL_TICKET_NUM	ONE_CALL_CENTER_NAME
VISIBLE_MARKS	FACILITIES_MARKED	SERVICE_INTERRUPTED
SERVICE_INTERRUPTED_HOURS	ROOT_CAUSE	ROOT_CAUSE_OTHER
ONE_CALL_SUBTYPE	LOCATING_SUBTYPE	EXCAVATION_SUBTYPE
OUTSIDE_FORCE_TYPE	VEHICLE_SUBTYPE	OSF_HURRICANE_IND
OSF_TROPICAL_STORM_IND	OSF_TORNADO_IND	OSF_HEAVY_RAINS_IND
OSF_OTHER_WEATHER_IND	OSF_OTHER_WEATHER_DETAILS	
OSF_HYDROTEST_LEAK_SURVEY_DATE	OSF_HYDROTEST_CONDUCTED_IND	
OSF_HYDROTEST_CONDUCTED_YEAR	OSF_HYDROTEST_PRESSURE	INTENTIONAL_SUBTYPE
INTENTIONAL_DETAILS	OSF_OTHER_DETAILS	PWJF_FAILURE_TYPE
PIPE_BODY_SUBTYPE	PIPE_BODY_DETAILS	BUTT_WELD_SUBTYPE
BUTT_WELD_DETAILS	FILLET_WELD_SUBTYPE	FILLET_WELD_DETAILS
PIPE_SEAM_SUBTYPE	PIPE_SEAM_DETAILS	MECHANICAL_FITTING_INVOLVED
MEC_FITTING_OTHER	MECHANICAL_FITTING_TYPE	MEC_FITTING_TYPE_OTHER
MPW_MANUFACTURER	MPW_MANUFACTURE_YEAR	MPW_INSTALLED_YEAR
MPW_OTHER_ATTR	MPW_FIRST_MAT_JOINED_STEEL	MPW_FIRST_MAT_JOINED_CAST
MPW_FIRST_MAT_JOINED_IRON	MPW_FIRST_MAT_JOINED_COPPER	
MPW_FIRST_MAT_JOINED_PLASTIC	MPW_FIRST_MAT_JOINED_UNKNOWN	
MPW_FIRST_MAT_JOINED_OTHER_IND	MPW_FIRST_MAT_JOINED_OTHER	
MPW_FIRST_PLASTIC_TYPE	MPW_FIRST_PLASTIC_TYPE_OTHER	MPW_SECOND_MAT_JOINED_STEEL
MPW_SECOND_MAT_JOINED_CAST	MPW_SECOND_MAT_JOINED_IRON	
MPW_SECOND_MAT_JOINED_COPPER	MPW_SECOND_MAT_JOINED_PLASTIC	
MPW_SECOND_MAT_JOINED_UNKNOWN	MPW_SEC_MAT_JOINED_OTHER_IND	
MPW_SECOND_MAT_JOINED_OTHER	MPW_SECOND_PLASTIC_TYPE	
MPW_SECOND_PLASTIC_TYPE_OTHER	INCLUDE_RESTRAINT_IND	INCLUDE_RESTRAINT
CPW_FITTING_TYPE	CPW_MANUFACTURER	CPW_MANUFACTURE_YEAR
CPW_INSTALLED_YEAR	CPW_OTHER_ATTR	CPW_FIRST_MAT_JOINED_STEEL
CPW_FIRST_MAT_JOINED_CAST	CPW_FIRST_MAT_JOINED_IRON	
CPW_FIRST_MAT_JOINED_COPPER	CPW_FIRST_MAT_JOINED_PLASTIC	
CPW_FIRST_MAT_JOINED_UNKNOWN	CPW_FIRST_MAT_JOINED_OTHER_IND	
CPW_FIRST_MAT_JOINED_OTHER	CPW_FIRST_PLASTIC_TYPE	CPW_FIRST_PLASTIC_TYPE_OTHER
CPW_SECOND_MAT_JOINED_STEEL	CPW_SECOND_MAT_JOINED_CAST	
CPW_SECOND_MAT_JOINED_IRON	CPW_SECOND_MAT_JOINED_COPPER	
CPW_SECOND_MAT_JOINED_PLASTIC	CPW_SECOND_MAT_JOINED_UNKNOWN	
CPW_SEC_MAT_JOINED_OTHER_IND	CPW_SECOND_MAT_JOINED_OTHER	
CPW_SECOND_PLASTIC_TYPE	CPW_SECOND_PLASTIC_TYPE_OTHER	PLASTIC_JOINT_SUBTYPE
PLASTIC_JOINT_DETAILS	FPW_INSTALLED_YEAR	FPW_OTHER_ATTR
FPW_FIRST_PLASTIC_TYPE	FPW_FIRST_PLASTIC_TYPE_OTHER	FPW_SECOND_PLASTIC_TYPE
FPW_SECOND_PLASTIC_TYPE_OTHER	PWJF_FAILURE_DETAILS	ADDITIONAL_DENT_IND
ADDITIONAL_GOUGE_IND	ADDITIONAL_PIPE_BEND_IND	ADDITIONAL_ARC_BURN_IND
ADDITIONAL_CRACK_IND	ADDITIONAL_LACK_FUSION_IND	ADDITIONAL_LAMINATION_IND
ADDITIONAL_BUCKLE_IND	ADDITIONAL_WRINKLE_IND	ADDITIONAL_MISALIGNMENT_IND
ADDITIONAL_BURNED_STEEL_IND	ADDITIONAL_OTHER_IND	ADDITIONAL_OTHER_DETAILS
ADDITIONAL_FACTOR_DETAILS	RESULT_CONSTRUCTION_IND	RESULT_MATERIAL_IND
RESULT_DESIGN_IND	RESULT_PREVIOUS_IND	RESULT_CONSTRUCTION_SUBTYPE
RESULT_MATERIAL_SUBTYPE	RESULT_MATERIAL_DETAILS	HYDROTEST_CONDUCTED_IND
HYDROTEST_CONDUCTED_YEAR	HYDROTEST_PRESSURE	EQ_FAILURE_TYPE
CONTROL_VALVE_IND	INSTRUMENTATION_IND	SCADA_IND
BLOCK_VALVE_IND	CHECK_VALVE_IND	RELIEF_VALVE_IND
STOPPLE_CONTROL_FITTING_IND	PRESSURE_REGULATOR_IND	OTHER_CONTROL_RELIEF_IND
OTHER_CONTROL_RELIEF_DETAILS	OTHER_STRIPPED_IND	OTHER_STRIPPED_DETAILS
OTHER_NON_THREADED_IND	OTHER_NON_THREADED_DETAILS	VALVE_OTHER_IND
VALVE_OTHER_DETAILS	VALVE_TYPE	EQ_MANUFACTURER
EQ_FAILURE_DETAILS	OPERATION_TYPE	OPERATION_DETAILS
RELATED_INADEQUATE_PROC_IND	RELATED_NO_PROC_IND	RELATED_FAILURE_FOLLOW_IND
RELATED_OTHER_IND	OPERATION_RELATED_DETAILS	CATEGORY_TYPE
OPERATOR_QUALIFICATION_IND	QUALIFIED_INDIVIDUALS	OTHER_TYPE
		MISC_DETAILS

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UNKNOWN_SUBTYPE	PREPARER_NAME	PREPARER_TITLE	PREPARER_EMAIL	PREPARER_TELEPHONE	PREPARER_FAX	PREPARED_DATE	AUTHORIZER_NAME	AUTHORIZER_TITLE	AUTHORIZER_TELEPHONE	AUTHORIZER_EMAIL	NARRATIVE
2/17/2017	2017	20170018	16494	ORIGINAL	8070	INDIANA GAS					
CO INC	211 NW RIVERSIDE DRIVE	EVANSVILLE	IN	47708	2/7/2017 0:39	726					
EAST 900 NORTH STREET	MAYS	RUSH	IN	46155	39.743558	-85.43199					
1170417	2/7/2017 2:33	UNINTENTIONAL RELEASE OF GAS	NATURAL GAS			235					
NO	0	YES	2/7/2017 9:24	2/7/2017 12:56		YES					
YES	5	2/7/2017 0:39	2/7/2017 0:39	NO	PRIVATE PROPERTY						
ABOVEGROUND	INSIDE A BUILDING			NO							
	1973	3	UNKNOWN	UNKNOWN	OWNED	MAIN					
			UNKNOWN	UNKNOWN	PLASTIC						
LEAK		CRACK									
CLASS 3	LOCATION	60000	0	16000	0	759	76759	2			
0	0	54	54	60	PRESSURE DID NOT EXCEED MAOP	NO					
			"LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"								
OPERATOR EMPLOYEE		"NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"									
			YES	1	0	NO					
	MATERIAL FAILURE OF PIPE OR WELD		BODY OF PIPE								

BODY OF PIPE CRACK

YES
YES

OTHER

UNKNOWN NO

COMPLIANCE AND QMP jaspinks@vectren.com 937-440-1844 937-440-1818
 2/17/2017 JIM FRANCIS VICE PRESIDENT SAFETY AND SYSTEM INTEGRITY
 812-491-4369 jmfrancis@vectren.com "ON MONDAY EVENING, FEBRUARY 6, 2017 AT
 APPROXIMATELY 10:09 PM EST, VECTREN RESPONDED TO AN OUTSIDE ODOR CALL AT 8944
 CROSSWAY DRIVE IN MAYS, INDIANA. VECTREN'S FIRST RESPONDER DISCOVERED A GAS LEAK
 AGAINST THE BUILDING FOUNDATION AT THAT LOCATION AND INITIATED APPROPRIATE STEPS TO
 REMEDIATE THE LEAK. WHILE THOSE STEPS WERE UNDERWAY, AT APPROXIMATELY 12:39 AM,
 TUESDAY MORNING, FEBRUARY 7, 2017, THE FIRST RESPONDER WITNESSED WHAT HE DESCRIBED
 AS AN EXPLOSION AT 726 EAST 900 NORTH STREET WHICH IS APPROXIMATELY 200 FEET AWAY
 FROM 8944 CROSSWAY DRIVE. THE FIRST RESPONDER CONTACTED 911 AND NOTIFIED HIS
 SUPERVISION OF THE EVENT AND REQUESTED ADDITION SUPPORT. VECTREN'S INDEPENDENT
 INVESTIGATION INTO THE ORIGIN OF THIS INCIDENT IS ONGOING."
 2/24/2017 2017 20170024 16501 ORIGINAL 45
 "ADAIRSVILLE, CITY OF" 116 PUBLIC SQUARE ADAIRSVILLE GA 30103
 1/31/2017 16:45 APPX. 250 FEET SOUTH OF THE INTERSECTION OF HWY 140 AND HALL STATION
 ROAD ADAIRSVILLE BARTOW GA 30103 34.37586 -84.94043
 1169958 1/31/2017 20:02 REASONS OTHER THAN RELEASE OF GAS 0
 NO 0 YES 0 1 0

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0	0	1	NO	A SHORT SECTION OF 2 INCH MAIN WAS SHUT DOWN FOR			
MAINTENANCE				YES	NO	0	1/31/2017 16:45
1/31/2017 16:30	NO		UTILITY	RIGHT-OF-WAY / EASEMENT UNDERGROUND			EXPOSED DUE
TO EXCAVATION			42	NO			
UNKNOWN		2		MUNICIPALLY OWNED			MAIN
UNKNOWN			UNKNOWN	UNKNOWN			STEEL
OTHER							INCOMPLETE
PURGE.	CLASS 3	LOCATION	0	0	0	0	0
0	0	6	285	285	285	PRESSURE DID NOT EXCEED MAOP NO	
				"LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"			
CONTRACTOR WORKING FOR THE OPERATOR				"NO, THE FACILITY WAS NOT MONITORED			
BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"							
				YES		1	0
NO	INCORRECT OPERATION		DAMAGE BY OPERATOR OR OPERATOR'S				
CONTRACTOR NOT RELATED TO EXCAVATION AND NOT DUE TO MOTORIZED VEHICLE/EQUIPMENT							
DAMAGE							

DAMAGE BY OPERATOR OR
 OPERATOR'S CONTRACTOR NOT RELATED TO EXCAVATION AND NOT DUE TO MOTORIZED
 VEHICLE/EQUIPMENT DAMAGE
 CONSTRUCTION YES "YES, THEY WERE QUALIFIED FOR THE TASK(S)"
 STEVE SMITH GAS SYSTEM MANAGER ssmith@adairsville.net 7707732589
 7707732587 2/24/2017 MAURICE CHANEY ANALYST 7708513094
 mchaney@gasauthority.com "4:25 PM: I, STEVE SMITH, (CITY OF ADAIRSVILLE)
 ARRIVED ON SITE. BRADLEY ATKINS (SOUTHEASTERN NATURAL GAS SERVICES OF ROME) WAS IN
 THE HOLE AND HAD A 2" STEEL GAS LINE EXPOSED WITH A SHORT SECTION CUT OUT. AT THE
 TIME I ARRIVED HE STILL HAD GAS BLEEDING FROM THE SOUTH END OF THE LINE WHERE HE WAS
 WELDING ON SOMETHING AND GAS FROM THE NORTH END OF THE LINE WHICH WAS OPEN AND HAD
 BEEN SET ON FIRE. I SPOKE WITH BRADLEY AND HE TOLD ME HE THOUGHT THERE MUST BE
 ANOTHER FEED ON THE NORTH END OF THE LINE SO I TOLD HIM I WOULD SEE IF I COULD FIND
 WHERE IT WAS COMING FROM. 4:35 PM: I ASKED SHANE FERGUSON TO PULL THE BACKHOE TO A
 VALVE ABOUT 100 FEET NORTH OF THE HOLE WHERE THE LINE WAS EXPOSED. I WAS TOLD THAT
 SOMEONE HAD TRIED TO OPERATE THE VALVE AND THEY THOUGHT IT WAS STRIPPED. I INSTRUCTED
 SHANE TO DIG THE VALVE UP. ONCE THE VALVE WAS EXPOSED I PUT A PIPE WRENCH ON THE
 VALVE TO SEE IF IT WOULD MOVE AND PARTIALLY OPERATED IT. 4:45 PM: I RETURNED TO
 THE HOLE WHERE THE LINE WAS EXPOSED AND SOMEONE TOLD ME BRADLEY HAD BEEN BURNED.
 BRADLEY WAS OVER AT HIS TRUCK SO I WALKED OVER AND ASKED HIM IF HE WAS OK, HE SAID
 HE WAS FINE BUT I TOLD HIM HE NEEDED TO GET CHECKED OUT. BRADLEY WANTED HIS WIFE TO
 DRIVE HIM TO THE DOCTOR SO WHILE WE WERE WAITING BRADLEY GAVE ME INSTRUCTIONS TO
 GIVE TO LONNIE TANNER WHO WAS COMING TO FINISH THE JOB. I WROTE THE INSTRUCTIONS
 DOWN ON A PIECE OF PAPER. 5:15 PM: BRADLEY LEFT FOR THE HOSPITAL WITH HIS WIFE.
 5:20 PM: AT THIS TIME WE PINCHED OFF THE LINE WHICH WAS STILL BURNING ON THE NORTH
 SECTION OF THE CUT OUT SECTION AND THE GAS HAD BLEED OFF OF THE SOUTH END OF THE

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LINE. I WALKED OVER ACROSS HIGHWAY 140 TO THE REGULATOR STATION FEEDING SHAW TO SEE IF I COULD FIGURE OUT WHERE THE GAS WHICH WAS STILL ON THE NORTH END OF THE LINE WAS COMING FROM. AT THE REGULATOR STATION SOUTHEASTERN NATURAL GAS SERVICES OF ROME HAD TAKEN OUT A 1/4" PLUG ON THE INLET SIDE OF REGULATOR WHICH WAS STILL BLEEDING GAS OFF THE LINE ON THE NORTH SECTION OF LINE. A 2" VALVE ON THE OUTLET SIDE TO SHAW HAD BEEN PREVIOUSLY TURNED OFF TRAPPING THE LINE PACK BETWEEN THE REGULATOR STATION AND SHAW WHICH IS ABOUT 350 FEET OF 4" HDPE LINE. 5:35 PM: I BLED THE GAS OFF ON THE SHAW SIDE OF REGULATOR STATION AND THE GAS ALSO STOPPED ON THE BLEEDING PLUG ON THE INLET SIDE SO THE GAS HAD BEEN BLEEDING BACK THROUGH A VALVE ON THE REGULATOR STATION. ALL THE GAS WAS OFF BOTH ENDS OF THE LINE BY 5:45 PM. 5:45 PM: WE WAITED FOR LONNIE TANNER TO ARRIVE. 6:15 PM: LONNIE TANNER ARRIVED AND I GAVE HIM THE PAPER WITH THE INSTRUCTIONS WHICH BRADLEY HAD LEFT FOR HIM. LONNIE COMPLETED THE JOB PER THE INSTRUCTIONS. 7:30 PM: AT THIS TIME I KNEW BRADLEY WAS ADMITTED TO THE HOSPITAL SO I CAME BACK TO THE OFFICE TO MAKE TELEPHONE CALLS. 7:35 PM: I CALLED JEFF BAGGETT WITH GEORGIA PUBLIC SERVICE COMMISSION AND INFORMED HIM OF THE INCIDENT. 8:02 PM: I CALLED THE NATIONAL RESPONSE CENTER TO INFORM THEM OF THE INCIDENT. THE CASE NUMBER I WAS GIVEN IS 1169958."

1/30/2017	2017	20170014	16489	ORIGINAL	8160
INTERMOUNTAIN GAS CO	"555 SOUTH COLE ROAD (POB 7608, 83707)"	BOISE	ID		
83709	1/25/2017 16:46	300 N 300 E	JEROME	JEROME	ID 83338 42.767656
-114.463375	NRC NOTIFICATION NOT REQUIRED	REASONS	OTHER THAN RELEASE		0
OF GAS	48	NO			0
NO			0	NO	REGULATOR FAILURE
AND RELIEF PARTIAL FAILURE DID NOT REQUIRE SHUTDOWN					NO
NO	0	1/25/2017 16:46	1/25/2017 17:30	NO	OPERATOR-CONTROLLED PROPERTY
ABOVEGROUND	"TYPICAL ABOVEGROUND FACILITY PIPING OR	APPURTENANCE (E.G. VALUE OR			
REGULATOR STATION, OUTDOOR METER SET)"		NO			
		INVESTOR OWNED			
DISTRICT REGULATOR/METERING STATION		2002			
	OTHER	REGULATOR			

				OTHER	
LOCATION	0	200	REGULATOR FAILURE AND RELIEF BLOWING	CLASS 2	
0	437	350	200 0	264 664	0 0
YES	YES	380	PRESSURE EXCEEDED 110% OF MAOP	YES	YES YES
AND/OR VOLUME OR PACK CALCULATIONS)"			"SCADA-BASED INFORMATION (SUCH AS ALARM(S), ALERT(S), EVENT(S),		
FIND THAT AN INVESTIGATION OF THE CONTROLLER(S) ACTIONS OR CONTROL ROOM ISSUES WAS			"NO, THE OPERATOR DID NOT		
NECESSARY DUE TO: (PROVIDE AN EXPLANATION FOR WHY THE OPERATOR DID NOT INVESTIGATE)			"		
REGULATOR FAILED AND RELIEF BLEW FOR SHORT DURATION AND THE INCIDENT WAS			HANDLED AS EXPECTED.		
			NO	NO	
EQUIPMENT FAILURE			MALFUNCTION OF CONTROL/RELIEF EQUIPMENT		

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LANCE ELROY

DIRECTOR OF OPERATIONS SERVICES lance.elroy@intgas.com 2083776122
 1/30/2017 HART GILCHRIST VP OF OPERATIONS 2083776086
 hart.gilchrist@intgas.com "PRIMARY REGULATOR FAILED DUE TO DEBRIS AND RELIEF
 DID NOT REACT AS QUICKLY DUE TO ICE BUILDUP. RELIEF PRESSURE WAS SET AT 416 PSIG AT
 THE TIME OF THE INCIDENT, JUST UNDER THE 418 PSIG LIMIT OF 110% OF MAOP; CORRECTIVE
 ACTION TAKEN TO CHANGE THE RELIEF SET PRESSURE TO 400 PSIG, AND BOTH PRIMARY AND
 SECONDARY RUNS WERE REBUILT AND SET TO 350 PSIG AND 330 PSIG RESPECTIVELY."
 2/21/2017 2017 20170021 16498 ORIGINAL FINAL 4499 CENTERPOINT
 ENERGY RESOURCES CORPORATION 1111 LOUISIANA ST HOUSTON TX 77002
 1/25/2017 11:02 445 HWY 36 N ROSENBERG FT. BEND TX 77471
 29.56291 -95.82322 1169490 1/25/2017 12:32 UNINTENTIONAL RELEASE OF GAS
 NATURAL GAS 120.55 NO 0
 YES 0 1 0 0 1 YES 1/25/2017
 12:40 1/25/2017 20:30 YES NO 0 1/25/2017 11:02 1/25/2017
 11:02 NO UTILITY RIGHT-OF-WAY / EASEMENT UNDERGROUND EXPOSED DUE TO
 EXCAVATION 36 NO
 PRIVATELY OWNED 1996 SERVICE 1996
 0.216 ASTM D2513 DUPONT 11 PLASTIC 2306
 POLYETHYLENE (PE)
 MECHANICAL PUNCTURE 3 1
 CLASS 3 LOCATION 0 1467 522 0 649 2638
 1 0 0 50 50 60 PRESSURE DID NOT EXCEED MAOP NO
 "LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"
 CONTRACTOR WORKING FOR THE OPERATOR "NO, THE FACILITY WAS NOT MONITORED
 BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"
 NO
 YES 1 0 EXCAVATION DAMAGE EXCAVATION DAMAGE BY OPERATOR'S
 CONTRACTOR (SECOND PARTY)

EXCAVATION DAMAGE BY OPERATOR'S CONTRACTOR (SECOND PARTY)

STATE HIGHWAY YES YES NO YES
 CONTRACTOR BACKHOE/TRACKHOE NATURAL GAS YES 570199464 LONE
 STAR 811 CONTRACT LOCATOR YES YES YES 9 EXCAVATION
 PRACTICES NOT SUFFICIENT FAILURE TO MAINTAIN
 CLEARANCE

LESLIE J. DAVENPORT

COMPLIANCE COORDINATOR II leslie.davenport@centerpointenergy.com 713-967-7325
 713-967-7307 2/21/2017 STEVE YARBROUGH REGIONAL OPERATIONS DIRECTOR
 713-207-5700 steven.yarbrough@centerpointenergy.com "CONTRACTOR OPERATING
 BACKHOE DAMAGED 2" PLASTIC SERVICE LINE AND ESCAPING GAS IGNITED, CONTRACT EMPLOYEE
 WAS INJURED BY FLASH-FIRE AND HOSPITALIZED."
 2/23/2017 2017 20170023 16500 ORIGINAL 15007 PACIFIC GAS
 & ELECTRIC CO "PG&E - GAS OPERATIONS, REGULATORY COMPLIANCE 6111 BOLLINGER CANYON
 RD., " SAN RAMON CA 94583 1/25/2017 9:22 1717 DORNIE CIRCLE

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FOLSOM	SACRAMENTO	CA	95630	38.694021	-121.11262	1169517	
1/25/2017	15:20	REASONS	OTHER	THAN	RELEASE OF GAS	0	NO
	0	YES		1/25/2017	11:07	1/29/2017	22:00
0	1/25/2017	9:22	1/25/2017	10:20	NO	UTILITY RIGHT-OF-WAY /	EASEMENT
UNDERGROUND			IN UNDERGROUND	ENCLOSED SPACE (E.G. VAULT)		UNKNOWN	NO
INVESTOR OWNED			DISTRICT REGULATOR/METERING STATION			UNKNOWN	
			STEEL			UNKNOWN	
UNKNOWN						OTHER	
					OVER PRESSURE EVENT	CLASS 3	
LOCATION	0	1054086	1016850	0	0	2070936	0
0	114	54	60	PRESSURE EXCEEDED 110% OF MAOP	YES	YES	YES
YES	YES	"SCADA-BASED INFORMATION (SUCH AS ALARM(S), ALERT(S), EVENT(S), AND/OR VOLUME OR PACK CALCULATIONS)"				"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)							
" CONTROL ROOM OPERATED AS INTENDED							
				NO	NO		
EQUIPMENT FAILURE				MALFUNCTION OF CONTROL/RELIEF EQUIPMENT			

MALFUNCTION OF CONTROL/RELIEF EQUIPMENT
YES

STEPHEN RAMOS GAS ENGINEER s3rc@pge.com 925-413-7311 2/23/2017
 SUSIE RICHMOND MANAGER REGULATORY COMPLIANCE 925-328-5776 gsr8@pge.com "ON
 JANUARY 25, 2017 AT 0922 HOURS, PG&E DETECTED AN OVERPRESSURE EVENT WITH THE SCADA
 SYSTEM NEAR 1717 DORNIE CIRCLE, FOLSOM. THE REGULATOR AND MONITOR VALVES AT PG&E'S
 REGULATOR STATION A-55 NEAR THE INTERSECTION OF EAST BIDWELL STREET AND OAK AVENUE
 PARKWAY IN FOLSOM FAILED TO ACHIEVE LOCK-UP, RESULTING IN AN OVERPRESSURE EVENT.
 THE MAOP PLUS ALLOWABLE WAS EXCEEDED AT 0941 HOURS. PG&E CREWS ARRIVED ON-SITE AT
 1020 HOURS. WHEN PG&E CREWS ARRIVED ON-SITE, THE PRESSURE WAS READING AT 114 PSIG.
 THE CREW SHUT IN TWO REG STATIONS TO REDUCE PRESSURE AND THE PRESSURE RETURNED TO
 NORMAL AT 1107 HOURS. GAS SERVICE REPRESENTATIVES (GSRS), GPOM CREWS, M&C CREWS,
 AND LEAK SURVEY PERSONNEL WERE DISPATCHED AND STAGED TO PERFORM LEAK SURVEY, INSPECT
 FILTERS AND REG STATIONS, AND PERFORM ANY NECESSARY REPAIRS. M&C COMPLETED
 REPAIRS ON ALL GRADE 1 LEAKS IDENTIFIED FROM THE POST-INCIDENT LEAK SURVEY AND THE
 REMAINING LEAKS ARE SCHEDULED FOR RECHECK/REPAIRS IN ACCORDANCE WITH PG&E
 PROCEDURES. THE INCIDENT IS CURRENTLY BEING INVESTIGATED. THERE WERE NO REPORTED
 INJURIES, FATALITIES OR IGNITION. CNG WAS MOBILIZED TO SUPPORT PEAK CONDITIONS.
 THERE WAS NO CUSTOMER IMPACT. THIS INCIDENT IS BEING REPORTED TO THE CPUC DUE TO AN
 UNPLANNED EVENT RESULTING IN AN OVERPRESSURE EVENT MAOP PLUS ALLOWABLE BUILDUP. AT
 1500 HOURS, IT WAS DETERMINED THAT COSTS ASSOCIATED WITH THE INCIDENT WOULD EXCEED
 \$50,000. AT 1520 HOURS, THE DOT WAS NOTIFIED DUE TO ESTIMATED COSTS EXCEEDING

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\$50,000."

2/17/2017	2017	20170020	16496	ORIGINAL	18484	SOUTHERN
CALIFORNIA GAS CO		555 WEST FIFTH STREET	LOS ANGELES	CA	90013	
1/20/2017 15:28	1748 S MOUNTAIN AVE	ONTARIO	SAN BERNARDINO	CA	91762	
34.04138	-117.67053	1169104	1/20/2017 17:00	UNINTENTIONAL	RELEASE OF GAS	0
NATURAL GAS	0	NO				0
YES	0	0	0	1	1	YES
15:00	1/21/2017 16:48	YES	YES	0	1/20/2017 15:28	1/20/2017
15:46	NO	PRIVATE PROPERTY	UNDERGROUND	OTHER	BELOW CONCRETE	
UTILITY BOX LOCATED BELOW	36	NO	INVESTOR OWNED	MAIN		
1983	2	PERFORMANCE PIPE	UNKNOWN	PLASTIC		
		POLYETHYLENE (PE)				
UNKNOWN	UNKNOWN LEAK	CRACK				
	CLASS 3 LOCATION	100000	40000	200	0	0
140200	0	0	1	45	60	PRESSURE DID NOT EXCEED MAOP
NO						NOTIFICATION FROM PUBLIC
"NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"						
	NO		NO		OTHER INCIDENT CAUSE	
UNKNOWN						

UNKNOWN "STILL UNDER INVESTIGATION, CAUSE OF INCIDENT TO BE DETERMINED* (*SUPPLEMENTAL REPORT REQUIRED)"

KHOA LE PIPELINE SAFETY AND COMPLIANCE ADVISOR kle2@semprautilities.com

626-893-4536 2/17/2017 KHOA LE PIPELINE SAFETY AND COMPLIANCE

ADVISOR 626-893-4536 kle2@semprautilities.com "ON JANUARY 20, 2017, AT APPROXIMATELY 15:28, SOCALGAS COMPANY (SCG) WAS NOTIFIED OF AN EXPLOSION THAT OCCURRED AT 1748 S. MOUNTAIN AVENUE, UNIT A, ONTARIO, CA 91762. ACCORDING TO THE ONTARIO FIRE DEPARTMENT, AN INDIVIDUAL WENT INTO THE GARAGE TO SMOKE A CIGARETTE, AND THE EXPLOSION OCCURRED AFTER HE LIT A LIGHTER. THE INDIVIDUAL WAS TRANSPORTED TO ARROWHEAD REGIONAL TO BE TREATED FOR HIS INJURIES. SCG FIRST RESPONDERS ARRIVED TO THE SCENE AND REPORTED GAS INDICATIONS AT THE MSA. CONSEQUENTLY, A STEP II LEAK INVESTIGATION WAS CONDUCTED SUCCESSFULLY. PRESSURE AND LOCK-UP WAS WITHIN TOLERANCE AND THE METER WAS HARD CLOSED. UNDERGROUND SAMPLES WERE TAKEN TO DETERMINE THE LOCATION OF THE LEAK. LEAK INDICATIONS WERE FOUND AT THE MAIN TO MAIN TIE-IN, WHICH IS APPROXIMATELY 15 FT FROM THE GARAGE WHERE THE EXPLOSION OCCURRED. AFTER FURTHER INVESTIGATION, THE LEAK WAS FOUND ON A CRACKED ALDYL-A TEE FITTING AT THE MAIN TO MAIN TIE-IN. WE FOUND A HAIRLINE CRACK APPROXIMATELY 1 1/2 INCHES LONG ON ONE OF THE ARMS OF THE 'TEE'. THE CRACKED FITTING WAS FOUND UNDERGROUND WITH OTHER SUBSTRUCTURES, YET LOCATED DIRECTLY BELOW A CONCRETE ELECTRICAL BOX OWNER BY GTE. GTE WAS AN OLD TELCO COMPANY NOW OWNED BY FRONTIER. THE EDGE OF THE CONCRETE BOX, LINED UP WITH THE LOCATION OF THE CRACK. THE FITTING AND SEVERAL FEET OF PIPE WERE

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REPLACED AND SECURED AS EVIDENCE BY THE GAS COMPANY. CAUSE OF THE LEAK IS STILL UNDER INVESTIGATION. FOR ANY FURTHER QUESTIONS, CONTACT KHOA LE AT (626) 893-4536."

2/6/2017 2017 20170015 16490 ORIGINAL 2128 CASCADE
 NATURAL GAS CORP 8113 W. GRANDRIDGE BLVD KENNEWICK WA 99336
 1/19/2017 18:24 1317 SOUTH HILLS DRIVE WENATCHEE CHELAN WA 98801-1985
 47.405795 -120.332825 1169311 1/23/2017 14:11 UNINTENTIONAL RELEASE OF GAS
 NATURAL GAS 3875 NO 0 YES 1/19/2017
 NO 0 1/19/2017 7:24 1/19/2017
 21:30 1/19/2017 23:30 NO NO 0 1/19/2017 7:24 1/19/2017
 7:50 NO PUBLIC PROPERTY UNDERGROUND UNDER SOIL 34 NO
 PRIVATELY OWNED MAIN 1967 2.375 API 5L UNKNOWN
 UNKNOWN STEEL UNKNOWN RUPTURE 0.154
 CIRCUMFERENTIAL 6.5 2.1 CLASS 3 LOCATION 0 9100
 900 0 N/A 20000 30000 0 0 1 54 54 60
 PRESSURE DID NOT EXCEED MAOP NO NOTIFICATION
 FROM EMERGENCY RESPONDER "NO, THE FACILITY WAS NOT MONITORED
 BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"

NO MATERIAL FAILURE OF PIPE OR WELD NO BUTT WELD

BUTT WELD

PIPE

WORKMANSHIP YES NO NONE YES POOR

CHRIS GRISSOM PIPELINE SAFETY SPECIALIST christopher.grissom@cngc.com
 509-531-6427 2/6/2017 MIKE EUTSEY DIRECTOR OPERATION SERVICES
 509-734-4576 mike.eutsey@cngc.com "THE CASCADE NATURAL GAS CORPORATION (CNGC)
 PIPELINE AFFECTED WAS A 2" STEEL MAIN THAT WAS INSTALLED IN 1967. THE PIPELINE
 SEPARATED AT A GIRTH WELD CAUSING THE UNINTENTIONAL RELEASE OF MORE THAN 3 MILLION
 CUBIC FEET OF GAS, TOTAL GAS LOSS WAS ESTIMATED TO BE 3,875 MCF. THE AREA IN
 WHICH THE RELEASE OCCURRED WAS EXPERIENCING EXTREME COLD WEATHER AND SUBSTANTIAL
 UNDERGROUND FROST. THE DAMAGE TO THE PIPELINE OBSERVED WAS CONSISTENT WITH DAMAGE
 CAUSED BY FROST HEAVE. FROST HEAVE IS THOUGHT TO BE A CONTRIBUTING FACTOR TO THE
 RELEASE. THE SEPARATED GIRTH WELD WAS RETAINED BY CNGC AND UNDERWENT AN
 EXAMINATION BY QUALIFIED STAFF. THE EXAMINATION CONCLUDED THAT THE WELD HAD FAILED
 AND CNGC CLASSIFIED THE LEAK AS A "PIPE, WELD OR JOINT FAILURE" AS A RESULT. THE
 SUB CAUSE WAS DETERMINED TO BE A CONSTRUCTION DEFECT CAUSED BY POOR WORKMANSHIP.
 CNGC WORKED CLOSELY WITH EMERGENCY RESPONDERS AND QUICKLY MOBILIZED RESOURCES AND
 EQUIPMENT TO ENSURE PUBLIC SAFETY. NO INJURIES, DAMAGE TO PROPERTY (OTHER THAN CNGC
 PIPELINE) OR IGNITION OCCURRED."

2/17/2017 2017 20170019 16495 ORIGINAL FINAL 12408 DTE GAS
 COMPANY ONE ENERGY PLAZA DETROIT MI 48226 1/19/2017 13:29 1974 E

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MILWAUKEE AVENUE	DETROIT WAYNE MI	48211-2001	42.37612
-83.05348	1169086	1/20/2017 16:18	UNINTENTIONAL RELEASE OF GAS
9834	NO	0	NATURAL GAS
		YES	NO
18:30	NO	1/20/2017 11:00	1/20/2017
PUBLIC PROPERTY UNDERGROUND	0	1/19/2017 13:29	1/19/2017 13:52
	UNDER PAVEMENT	60	NO
MAIN	1901	12	INVESTOR OWNED
CAST/WROUGHT IRON		UNKNOWN	UNKNOWN
	MECHANICAL PUNCTURE	8	8
	CLASS 3 LOCATION	0	120132 9234
0	34814	164180	0
PRESSURE DID NOT EXCEED MAOP	NO	0	10
FROM THIRD PARTY THAT CAUSED THE INCIDENT			10
WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"			NOTIFICATION
			"NO, THE FACILITY
NO	NO	EXCAVATION DAMAGE	EXCAVATION
DAMAGE BY THIRD PARTY			

EXCAVATION DAMAGE BY THIRD PARTY	YES
YES	NO
YES	YES
CITY STREET	CONTRACTOR
TELECOMMUNICATIONS	DIRECTIONAL DRILLING
YES	UTILITY OWNER
63371000	YES
NO	YES
EXCAVATION PRACTICES NOT SUFFICIENT	
FAILURE TO VERIFY LOCATION BY TEST-HOLD (POT-HOLING)	

JOHN D LUEDERS PRINCIPAL COMPLIANCE ENGINEER john.lueders@dteenergy.com
 6166322646 6166322687 2/16/2017 JOHN D LUEDERS PRINCIPAL COMPLIANCE
 ENGINEER 6166322646 john.lueders@dteenergy.com "A CONTRACTOR
 INSTALLING TELECOMMUNICATIONS CABLE BY DIRECTIONAL DRILLING STRUCK AND PUNCTURED A
 12-INCH CAST IRON MAIN OPERATING AT 10 PSIG APPROX. 280 FEET WEST OF EAST GRAND
 BLVD. INVESTIGATION REVEALED THE MAIN TO HAVE BEEN CORRECTLY MARKED IN RESPONSE TO
 THE CONTRACTOR'S MARK-OUT REQUEST; HOWEVER, THERE WAS NO EVIDENCE OF POTHOLING OR
 OTHER METHOD HAVING BEEN USED TO VERIFY THE LOCATION AND DEPTH OF THE MAIN.
 RESPONSE BY DTE GAS ON 1/19/2017 FROM THE TIME OF THE CONTRACTOR'S DAMAGE REPORT
 UNTIL ARRIVAL ON THE SCENE TOOK 23 MINUTES. INITIAL CONTROL OF GAS FROM THE BREAK
 OCCURRED AT 03:17 ON 1/20/2017; HOWEVER, THE SHUT-OFF WAS NOT MAINTAINED AND FURTHER
 WORK WAS REQUIRED UNTIL, AT 11:00 ON 1/20/2017, THE SITUATION WAS MADE SAFE AND WORK
 PROCEEDED ON MAKING REPAIRS. ESTIMATES OF REPAIR AND LABOR COSTS ALREADY EXPENDED
 ALONG WITH COSTS FOR REMAINING REPAIR AND RECOVERY WORK WERE DETERMINED AT 16:18 ON
 1/20/2017 TO LIKELY EXCEED THE \$50,000 REPORTING THRESHOLD; TELEPHONIC NOTICE WAS
 THEN MADE TO THE NATIONAL RESPONSE CENTER. REPLACEMENT OF A 15-FOOT SECTION OF
 12-INCH CAST IRON MAIN WITH NEW 8-INCH POLYETHYLENE PIPE WAS COMPLETED AT 18:30 ON
 1/20/2017, AND REGULAR OPERATION RESUMED. THERE WAS NO INTERRUPTION OF SERVICE TO
 CUSTOMERS DURING THE EVENT. NOTE: THE ACTUAL TICKET NUMBER RECEIVED FROM OUR
 STATE ONE-CALL SYSTEM WAS B63371000. THE PHMSA FORM DOES NOT ALLOW ALPHABETIC
 CHARACTERS."

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2/15/2017	2017	20170017	16493	ORIGINAL	FINAL	18484	SOUTHERN
CALIFORNIA GAS CO		555 WEST FIFTH STREET	LOS ANGELES	CA		90013	
1/16/2017 5:28	1104	MEDA AVE.	GLENDORA	LOS ANGELES	CA	91741	
34.13882	-117.85605	1168730	1/16/2017 13:16	UNINTENTIONAL	RELEASE OF GAS		0
NATURAL GAS	1	NO		0	YES	1/16/2017	
NO				0	1/16/2017 5:30	1/16/2017	
12:00	1/17/2017 18:00	NO	NO	0			
5:45	NO	PRIVATE PROPERTY	UNDERGROUND		UNDER SOIL		18
NO							
INVESTOR OWNED		SERVICE		1953	0.75	UNKNOWN	
UNKNOWN	STEEL	UNKNOWN	OTHER		UNKNOWN		
		ARC BETWEEN STEEL WATER SERVICE AND GAS SERVICE CAUSED				PINHOLE LEAK	
CLASS 3 LOCATION	0	60000	200	0	6	60206	0
0	61	47	52	PRESSURE DID NOT EXCEED MAOP		NO	
		NOTIFICATION FROM PUBLIC				"NO, THE	
FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"							
	NO	NO			OTHER OUTSIDE FORCE DAMAGE		
ELECTRICAL ARCING FROM OTHER EQUIPMENT OR FACILITY							

ELECTRICAL ARCING FROM OTHER EQUIPMENT OR FACILITY

MIKE BARRINGER PIPELINE SAFETY AND COMPLIANCE ADVISOR
 mbarringer@semprautilities.com 714-478-0745 2/15/2017 KHOA LE
 PIPELINE SAFETY AND COMPLIANCE ADVISOR 626-893-4536 kle2@semprautilities.com
 "ON JANUARY 16, 2017, SOCALGAS RECEIVED MULTIPLE REPORTS OF NO-GAS FROM CUSTOMERS.
 CREW RESPONDED AND DISCOVERED THAT WATER HAS ENTERED INTO A 0.75 INCH STEEL GAS
 SERVICE. NO INJURIES OR FURTHER DAMAGE RESULTED FROM THIS INCIDENT. THE GAS
 LEAK WAS ISOLATED FROM THE PIPELINE SYSTEM. ALL REPAIRS TO THE DAMAGED GAS SERVICE
 WERE COMPLETED AND THE AFFECTED CUSTOMERS WERE RESTORED. INVESTIGATION OF THE
 INCIDENT SHOWED THAT A TRANSFORMER EXPLODED NEARBY CREATING AN ARC THAT CAUSED
 PINHOLE LEAKS IN A WATER SERVICE AND A GAS SERVICE. THE WATER EVENTUALLY ENTERED
 INTO THE GAS PIPELINE SYSTEM CAUSING OUTAGES TO CUSTOMERS. FOR ANY FURTHER
 QUESTIONS, CONTACT MIKE BARRINGER AT 714-478-0745."

1/19/2017	2017	20170011	16486	ORIGINAL	8160
INTERMOUNTAIN GAS CO		"555 SOUTH COLE ROAD (POB 7608, 83707)"	BOISE	ID	
83709	1/13/2017 3:53	"7525 EL PASO RD, CALDWELL"	Not within a Municipality		
GEM COUNTY	ID	83607 43.81091	-116.687843	NRC NOTIFICATION NOT	
REQUIRED		REASONS OTHER THAN RELEASE OF GAS			178
NO		0	NO		
	0	NO	SHUT DOWN NOT NEEDED		NO
NO	0	1/13/2017 3:53	1/13/2017 4:45	NO	OPERATOR-CONTROLLED PROPERTY

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ABOVEGROUND "TYPICAL ABOVEGROUND FACILITY PIPING OR APPURTENANCE (E.G. VALVE OR REGULATOR STATION, OUTDOOR METER SET)"

NO
INVESTOR OWNED

OUTSIDE METER/REGULATOR SET 2010
OTHER REGULATOR

OTHER

CLASS 1 LOCATION 0 0 176 145 150 578 0 964 1542 0
0 0 176 145 150 PRESSURE EXCEEDED 110% OF MAOP YES YES
YES YES YES "SCADA-BASED INFORMATION (SUCH AS ALARM(S), ALERT(S),
EVENT(S), AND/OR VOLUME OR PACK CALCULATIONS)" "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) " SYSTEMS AND ALARMS WORKED AS DESIGNED.

NO
EQUIPMENT EQUIPMENT FAILURE MALFUNCTION OF CONTROL/RELIEF

CONTROL/RELIEF EQUIPMENT YES
YES

OPERATIONS SERVICES lance.elroy@intgas.com LANCE ELROY DIRECTOR OF
HART GILCHRIST VP OPERATIONS 2083776086 2083776122 1/19/2017
REGULATOR FAILURE DUE TO SULFUR BUILD-UP. RELIEF DID NOT FULLY VENT DUE TO WELD
SLAG DEBRIS IN THE BOOT.
2/11/2017 2017 20170016 16491 ORIGINAL 15007 PACIFIC GAS
& ELECTRIC CO "PG&E - GAS OPERATIONS, REGULATORY COMPLIANCE 6111 BOLLINGER CANYON
RD., " SAN RAMON CA 94583 1/12/2017 6:24 2209 S GEORGE WASHINGTON
BLVD YUBA CITY SUTTER CA 95993 39.09511 -121.67211
1168402 1/12/2017 8:45 UNINTENTIONAL RELEASE OF GAS NATURAL GAS 531
NO 0 YES 0 0 0
0 1 1 YES 1/12/2017 8:59 YES YES YES
6 1/12/2017 6:24 1/12/2017 7:15 NO PRIVATE PROPERTY UNDERGROUND
UNDER A BUILDING 55 NO
INVESTOR OWNED MAIN
1974 4 Aldyl-A DUPONT UNKNOWN PLASTIC
UNKNOWN LEAK CONNECTION FAILURE 11.5
CLASS 1 LOCATION 250000 90000 10000 0 1500
351500 0 0 6 57 57 60 PRESSURE DID NOT EXCEED MAOP
NO NOTIFICATION FROM EMERGENCY RESPONDER
"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) " CONTROL ROOM OPERATED AS INTENDED

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NO NO OTHER INCIDENT CAUSE UNKNOWN

UNKNOWN "STILL UNDER INVESTIGATION, CAUSE OF
INCIDENT TO BE DETERMINED* (*SUPPLEMENTAL REPORT REQUIRED)" STEPHEN RAMOS GAS
ENGINEER s3rc@pge.com 925-413-7311 2/10/2017 SUSIE
RICHMOND MANAGER REGULATORY COMPLIANCE 925-328-5776 gsr8@pge.com "ON
JANUARY 12, 2017 AT 0624 HOURS, PG&E WAS NOTIFIED OF A STRUCTURE FIRE AT 2209 S
GEORGE WASHINGTON BLVD, YUBA CITY. THE FIRE DEPARTMENT CALLED BACK AT 0658 ADVISING
PG&E OF AN EXPLOSION RESULTING IN A COLLAPSE OF A RESIDENTIAL HOME. PG&E'S GSR
ARRIVED ON SCENE AT 0715 HOURS AND CLOSED THE SERVICE VALVE WITH NO VISIBLE DAMAGE
TO THE METER. PG&E CREWS ARRIVED ON SCENE AT 0740 HOURS AND SQUEEZED THE 4-INCH
PLASTIC MAIN AT 0859 HOURS. GAS SERVICE TO 6 CUSTOMERS WAS IMPACTED. CNG WAS
DEPLOYED, AND THE CUSTOMERS THAT WANTED THEIR SERVICE RESTORED WERE COMPLETED BY
2130 HOURS. TWO CUSTOMERS WERE INJURED INSIDE THE HOUSE AND WERE TAKEN TO THE
HOSPITAL. ONE OF THE CUSTOMERS WAS RELEASED AT 1500 HOURS. THE LEAK SOURCE
APPEARED TO BE A BUTT FUSION JOINT SOUTH OF THE SERVICE TEE OF THE AFFECTED HOME.
INVESTIGATIONS ARE BEING CONDUCTED BY A THIRD PARTY, EXPONENT, AND THE CPUC. THE
SITE WAS MONITORED UNTIL THE AREA WAS MADE SAFE. THE MAIN AND SERVICES ARE
CURRENTLY BEING REPLACED. THERE WERE NO FATALITIES. POLICE AND FIRE DEPARTMENT WERE
REPORTED ON-SITE. THE INCIDENT WAS REPORTED TO THE CPUC AND DOT DUE TO DAMAGE COSTS
EXCEEDING \$50,000. THIS INCIDENT WAS REPORTED TO DOT AT 0845 HOURS (DOT #1168402)."
1/17/2017 2016 20170008 16479 ORIGINAL 31191 ENERGY WEST
MONTANA NO. 1 FIRST AVENUE SOUTH P.O. BOX 2229 GREAT FALLS MT 59403-2229
12/27/2016 11:35 114 GEYSER ST. WEST YELLOWSTONE GALLATIN MT
59758 44.66117 -111.10896 1167302 12/27/2016 18:15
UNINTENTIONAL RELEASE OF GAS NATURAL GAS 1 NO
0 YES 0 0 0 0 1 1
YES 12/29/2016 14:53 12/31/2016 10:30 NO YES
7 12/27/2016 11:46 12/27/2016 11:48 NO PRIVATE PROPERTY
UNDERGROUND UNDER SOIL 20 NO
1995 1 D2513 UPONOR - ALDYL 1994 SERVICE
POLYETHYLENE (PE) 11.5 PLASTIC
2406 OTHER
ELECTRIC LINE FAILURE MELTED PIPE. CLASS 3 LOCATION 30000 7050 1000
0 7 38057 0 0 3 30 30 60
PRESSURE DID NOT EXCEED MAOP NO NOTIFICATION
FROM EMERGENCY RESPONDER
BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT" "NO, THE FACILITY WAS NOT MONITORED
NO

NO OTHER OUTSIDE FORCE DAMAGE OTHER OUTSIDE FORCE DAMAGE

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OTHER OUTSIDE FORCE DAMAGE

OVER HEATED

ELECTRIC LINE MELTED PE(POLYETHYLENE) SERVICE LINE.

DISTRICT MANAGER	emathews@egas.net	406-646-4437	EVAN MATHEWS	406-646-4830
1/12/2017	IRA SHAULIS	SAFETY DIRECTOR	406-791-7552	ishaulis@egas.net
"THE HEAT FROM AN ELECTRIC LINE FAILURE HAD MELTED THE PIPE ENOUGH TO EMBED THE SANDY SOIL THAT HAD TURNED TO GLASS INTO THE PIPE WALL AND WHEN THE GROUND FROZE TO THAT DEPTH, THE SOIL AND FROST MOVEMENT CAUSED THE PIPE TO LEAK."				
1/23/2017	2016	20170013	16488	ORIGINAL
EDISON CO OF NEW YORK	4 IRVING PLACE	NEW YORK	NY	10003
22:41	126 W 53 STREET	NEW YORK	NY	10019-6006
40.761704	-73.980295	1167187	12/26/2016 0:20	UNINTENTIONAL RELEASE OF GAS
NATURAL GAS	162	NO	0	NO
NO		0	NO	GAS IGNITION IN
BUILDING IN ELECTRIC CONDUIT. REPAIR CLAMP INSTALLED ON MAIN.				
YES	NO	0	12/25/2016 22:41	12/25/2016 23:03
PRIVATE PROPERTY	ABOVEGROUND	INSIDE A BUILDING		NO
INVESTOR OWNED	MAIN	1930	8	UNKNOWN
UNKNOWN	STEEL	UNKNOWN	UNKNOWN	UNKNOWN
BURNOUT		LEAK	OTHER	DUE TO ELECTRIC
29787	1803	0	678	32268
0.5	PRESSURE DID NOT EXCEED MAOP	NO	CLASS 4	LOCATION
NOTIFICATION FROM EMERGENCY RESPONDER			0	0
MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"			0	0.25
			0.25	0.25
"NO, THE FACILITY WAS NOT				
				NO
NO		OTHER INCIDENT CAUSE	UNKNOWN	

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UNKNOWN "STILL UNDER INVESTIGATION, CAUSE OF INCIDENT TO BE DETERMINED* (*SUPPLEMENTAL REPORT REQUIRED)" KEVIN FAGAN
 OPERATIONS MANAGER-GAS EMERGENCY RESPONSE CENTER fagank@coned.com
 718-319-2310 718-904-4607 1/23/2017 NICKOLAS HELLEN DEPARTMENT
 MANAGER-GAS EMERGENCY RESPONSE CENTER 718-319-2350 hellenn@coned.com "ON
 DECEMBER 25, 2016, AT 22:41, THE FIRE DEPARTMENT OF THE CITY OF NEW YORK (FDNY)
 REPORTED A BUILDING FIRE WITH AN OUTDOOR GAS ODOR AT 126 WEST 53RD STREET IN
 MANHATTAN TO CON EDISON'S GAS EMERGENCY RESPONSE CENTER (GERC). CON EDISON GAS
 DISTRIBUTION SERVICES (GDS) AND SUPERVISION WERE DISPATCHED AND ARRIVED AT 23:03.
 AT 23:10, GDS REPORTED THAT THERE WAS AN ACTIVE FIRE IN THE BASEMENT OF A NEW YORK
 CITY (NYC) TRANSIT SUBSTATION AS PER NYC EMERGENCY MANAGEMENT (NYC EM). THE GERC
 THEN NOTIFIED CON EDISON'S ELECTRIC OPERATIONS DEPARTMENT, WHICH DISPATCHED A CREW
 TO THE LOCATION TO ASSIST. ADDITIONAL PERSONNEL FROM CON EDISON'S GAS CONSTRUCTION
 DEPARTMENT WERE ALSO DISPATCHED BY THE GERC. GDS INVESTIGATED OUTSIDE AND, AT
 23:29, REPORTED DETECTING 50% GAS-IN-AIR INSIDE ELECTRIC MANHOLE M10262. ACCORDING
 TO THE FDNY, THERE MAY HAVE BEEN AN ELECTRICAL OR GAS EXPLOSION IN MANHOLE M10262
 PRIOR TO GDS' ARRIVAL. GDS THEN OPENED AND VENTED MANHOLE M10262. AT 00:05, CON
 EDISON GDS SUPERVISION REPORTED A BLOWING GAS CONDITION INSIDE THE BASEMENT OF THE
 SUBSTATION AT AN ELECTRICAL CONDUIT, WHERE A FLAME WAS VISIBLE. A MULTIPLE RESOURCE
 RESPONSE EVENT (CODE MURRE) WAS THEN INITIATED BY THE GERC. ON DECEMBER 26, 2016,
 AT 00:42, CON EDISON GDS SUPERVISION REPORTED DETECTING 40% GAS-IN-AIR INSIDE A
 SECOND ELECTRIC MANHOLE (M10278), WHICH WAS THEN OPENED AND VENTED. AT 01:48, CON
 EDISON GDS SUPERVISION REPORTED THAT THE FDNY WAS STANDING BY THE SMALL FLAME THAT
 WAS VISIBLE AT THE ELECTRICAL CONDUIT IN THE SUBSTATION BASEMENT. CON EDISON GAS
 CONSTRUCTION CREWS DETECTED GAS READINGS RANGING FROM 80% TO 100% OVER AN 8-INCH LOW
 PRESSURE STEEL GAS MAIN (INSTALLED IN 1930) LOCATED ON THE SOUTH SIDE OF WEST 53RD
 STREET. NYC EM REPORTED MULTIPLE SUBWAY INTERRUPTIONS AS A RESULT OF THE SUBSTATION
 FIRE. AT 02:20, CON EDISON GDS SUPERVISION REPORTED THAT A SMALL FLAME AT THE
 OPEN-END OF A 4-INCH ELECTRICAL CONDUIT INSIDE THE SUBSTATION EXTINGUISHED WHILE CON
 EDISON GAS CONSTRUCTION PERSONNEL WORKED TO LOCATE THE SOURCE OF THE LEAK. PRESSURE
 AND ODORANT READINGS WERE TAKEN AT A STOVE INSIDE THE SHERATON HOTEL, LOCATED AT 811
 SEVENTH AVE., AND WERE FOUND TO BE WITHIN ACCEPTABLE RANGES. EMERGENCY MAIN
 STOP-OFF EXCAVATIONS AND LEAK LOCATION OPERATIONS REMAINED ONGOING AND, AT 09:06, A
 REPAIR CLAMP WAS INSTALLED ON THE LEAK, WHICH WAS FOUND ON THE BOTTOM OF THE 8-INCH
 STEEL GAS MAIN. THE 4-INCH STEEL ELECTRICAL CONDUIT GOING INTO THE SUBSTATION WAS
 DIRECTLY UNDER THE GAS MAIN IN THE AREA WHERE THE LEAK WAS FOUND. FOLLOWING
 INSTALLATION OF THE REPAIR CLAMP, ALL GAS READINGS VENTED TO 0%. A SEGMENT OF NYC
 TRANSIT'S SUBWAY SYSTEM WAS AFFECTED, RESULTING IN APPROXIMATELY 1,200 EVACUATIONS
 FROM STRANDED SUBWAY TRAINS. FDNY FIRE MARSHALS AND NEWS MEDIA FROM CHANNELS 2, 4,
 7, 11, AND 12 WERE ON LOCATION. THE CAUSE OF THIS INCIDENT REMAINS UNDER
 INVESTIGATION PENDING THE FIRE MARSHAL'S INVESTIGATION. NO INJURIES, ILLNESSES, OR
 BUILDING EVACUATIONS WERE REPORTED. THE U.S. DEPARTMENT OF TRANSPORTATION, NEW YORK
 STATE PUBLIC SERVICE COMMISSION AND NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION WERE
 NOTIFIED."

1/14/2017	2016	20170006	16477	ORIGINAL	1800	KEYSPAN
ENERGY DELIVERY - NY CITY		40 SYLVAN RD.	WALTHAM MA		02451	12/23/2016
16:00	INTERSECTION OF 43RD AVENUE AND 104TH STREET	CORONA	QUEENS	NY		
11368	40.74782	-73.860639	1167066	12/23/2016 14:07		
UNINTENTIONAL RELEASE OF GAS	NATURAL GAS		113.47	NO		
	0	NO				0
YES	12/18/2016 0:40	12/18/2016 14:00			YES	NO 0
12/17/2016 19:31	12/17/2016 19:42	NO	PUBLIC	PROPERTY UNDERGROUND		
IN UNDERGROUND ENCLOSED SPACE (E.G. VAULT)		36	YES			
YES	UNCASED			INVESTOR OWNED		
MAIN	2016	8.625	ASTM D 2513	11C		DRISCOPLX

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2016	PLASTIC				POLYETHYLENE (PE)
13.5		2406		RUPTURE	
LONGITUDINAL	1.1	1.1		CLASS 4 LOCATION	0
21986	10180	322	"FOR 2A, SEE PART H NARRATIVE FOR MORE DETAIL." 1682		
34170	1	0	3	10.8	14 15 PRESSURE DID NOT EXCEED MAOP
YES	YES	YES	NO	NO	NOTIFICATION FROM EMERGENCY RESPONDER
"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) " "NATIONAL GRID WAS NOTIFIED ON 12/17/2016 AT					
19:31 BY FDNY OF A MANHOLE FIRE IN THE INTERSECTION OF 43RD AVE & 104TH STREET.					
SUBSEQUENTLY, 12/17/16 @ 19:33 CON EDISON EMERGENCY ADVISED GAS CONTROL OF A MANHOLE					
FIRE. GAS CONTROL THEN NOTIFIED CMS AND GAS FIRE AND PIPELINE DAMAGE WAS					
CONFIRMED."					
		NO		NO	OTHER
INCIDENT CAUSE UNKNOWN					

UNKNOWN

"STILL UNDER INVESTIGATION, CAUSE OF INCIDENT TO BE DETERMINED* (*SUPPLEMENTAL
REPORT REQUIRED)" CORINNE BYRNES PRINCIPAL PROGRAM MANAGER FEDERAL PROGRAMS
corinne.byrnese@nationalgrid.com 5169030596 1/14/2017 CORINNE
BYRNES PRINCIPAL PROGRAM MANAGER FEDERAL PROGRAM 5169030596
corinne.byrnese@gmail.com "NATIONAL GRID WAS NOTIFIED ON 12/17/2016 BY FDNY OF
A MANHOLE FIRE IN THE INTERSECTION OF 43RD AVE & 104TH STREET. NATIONAL GRID
ARRIVED ON SCENE AND SECURED NATURAL GAS BY CLOSING VALVE (BQ5290) EXTINGUISHING
THE GAS FED FIRE. AFTER FURTHER INVESTIGATION IT WAS DETERMINED THE CAUSE OF DAMAGE
TO NATIONAL GRID'S GAS MAIN WAS DUE TO A FAULTY UNDERGROUND ELECTRICAL CABLE.
ADDITIONAL INCIDENT INVESTIGATION WILL BE REQUIRED TO DETERMINE RESPONSIBLE PARTIES
FOR THE ELECTRICAL CABLE DAMAGE AND THE SUBSEQUENT FIRE. ALL FOUR CUSTOMERS WHO
WERE OUT OF SERVICE HAVE HAD SERVICE RESTORED PRIOR TO 1/14/2017. PLEASE NOTE THAT
FOR PART D, 2A IS LEFT UNANSWERED. THERE WERE MULTIPLE UTILITY SUBSTRUCTURES
INVOLVED IN THIS INCIDENT INCLUDING ELECTRICAL CABLE, TELECOMMUNICATIONS AND NATURAL
GAS. THOSE COSTS WILL BE ENTERED AS THEY BECOME AVAILABLE."

1/19/2017	2016	20170010	16485	ORIGINAL	18472	SEMCO ENERGY
GAS COMPANY	1411	THIRD STREET	PORT HURON	MI	48060	12/23/2016
3:52	201	US 41	L' ANSE BARAGA	MI	49946	46.75156
1167036	12/23/2016	7:11	UNINTENTIONAL RELEASE OF GAS		NATURAL GAS	282
NO			0	NO		
	0	YES	12/23/2016	4:52	12/23/2016	22:50
YES	NO	0	12/23/2016	4:10	12/23/2016	4:10
PROPERTY	ABOVEGROUND	"TYPICAL ABOVEGROUND FACILITY PIPING OR APPURTENANCE				
(E.G. VALUE OR REGULATOR STATION, OUTDOOR METER SET)"						NO
						INVESTOR
OWNED	DISTRICT REGULATOR/METERING STATION					1985

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				STEEL		ERW	0.154
					OTHER		
GRADE REGULATOR/ METERING STATION.				VEHICLE RAN OFF ROAD (US-41) AND HIT ABOVE			
0	800	500800	151	CLASS 2 LOCATION	0	500000	0
				1	1041	119	275
PRESSURE DID NOT EXCEED MAOP	YES			YES	YES	NO	YES
FROM EMERGENCY RESPONDER							NOTIFICATION
AN INVESTIGATION OF THE CONTROLLER(S) ACTIONS OR CONTROL ROOM ISSUES WAS NECESSARY							"NO, THE OPERATOR DID NOT FIND THAT
DUE TO: (PROVIDE AN EXPLANATION FOR WHY THE OPERATOR DID NOT INVESTIGATE)							"
VEHICLE ACCIDENT DAMAGED FACILITIES.							
				NO			NO
OTHER OUTSIDE FORCE DAMAGE				"DAMAGE BY CAR, TRUCK, OR OTHER MOTORIZED			
VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION"							

"DAMAGE BY
CAR, TRUCK, OR OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION"
THIRD PARTY

STEPHEN MAKOWSKI MANAGER CODES AND
STANDARDS steve.makowski@semcoenergy.com 8108874228 8108874233
1/19/2017 STEPHEN MAKOWSKI MANAGER CODES AND STANDARDS 8108874228
steve.makowski@semcoenergy.com "ON DECEMBER 23, 2016 AT APPROXIMATELY 03:52 HOURS
SEMCO ENERGY GAS COMPANY (SEMCO) RECEIVED A TELEPHONE CALL IN THE SERVICE DISPATCH
CENTER IN PORT HURON THAT THERE HAD BEEN AN INCIDENT AT THE LANSSE CITY GATE STATION
(SEMCO REGULATOR STATION NO. 8031) WHICH SERVES THE VILLAGE OF LANSSE, MICHIGAN AND
THE SURROUNDING AREA. A SEMCO MECHANIC WAS DISPATCHED TO THE SITE AND ARRIVED AT
04:10 HOURS. UPON ARRIVAL THE MECHANIC DETERMINED THAT A VEHICLE HAD HIT A
DISTRIBUTION REGULATOR STATION (SEMCO REGULATOR STATION NO. 8019) AND CAUSED A
RELEASE OF GAS AND SUBSEQUENT IGNITION. AS A RESULT OF THE IGNITION AND THE
PROXIMITY OF THE REGULATION/ METERING STATIONS DAMAGE OCCURRED TO BOTH SEMCO
DISTRICT REGULATOR STATION NO. 8019 AND SEMCO CITY GATE STATION NO. 8031. THE
DAMAGE TO THE STATION(S) REQUIRED AN ISOLATION AND SHUTDOWN OF THE LANSSE CITY GATE
STATION AT 04:52 HOURS RESULTING IN LOSS OF SERVICE TO APPROXIMATELY 1,193 SEMCO
CUSTOMERS. ONCE THE SYSTEM HAD BEEN ISOLATED, THE SHUTDOWN PROCESS WAS THEN
INITIATED WITH ALL SEMCO CUSTOMERS ON THE SYSTEM BEING SHUT DOWN BY 22:05 HOURS ON
DECEMBER 23, 2016. FOLLOWING THE SHUTDOWN PROCESS GAS WAS REINTRODUCED TO THE SYSTEM
AND THE CUSTOMER TURN ON AND RELIGHT PROCESS COMMENCED AT 22:50 HOURS ON DECEMBER
23RD. THE TURN ON AND RELIGHT PROCESS CONTINUED ON INTO DECEMBER 24TH AND BY
APPROXIMATELY 19:00 HOURS ON DECEMBER 24TH APPROXIMATELY 1,107 CUSTOMERS HAD BEEN
RECONNECTED AND SERVICE ESTABLISHED. WITH THE CHRISTMAS HOLIDAY WEEKEND, THE BALANCE
OF THOSE CUSTOMERS THAT COULD NOT HAVE SERVICE RE-ESTABLISHED (CAN'T GET IN (CGI))
BY THE END OF DECEMBER 24TH WERE COMPLETED THE FOLLOWING WEEK."
1/20/2017 2016 20170012 16487 ORIGINAL FINAL 2596 COLUMBIA GAS
OF OHIO INC 290 W NATIONWIDE BLVD COLUMBUS OH 43215 12/21/2016
14:25 2845 W. BROAD ST. COLUMBUS FRANKLIN OH 43204

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39.954324	-83.075861	1166923	12/21/2016	15:21	UNINTENTIONAL
RELEASE OF GAS	NATURAL GAS	445.7	NO		
0	NO				0 YES
12/21/2016	16:31	12/22/2016	16:02	YES	YES 50
12/21/2016	14:25	12/21/2016	14:39	NO	UTILITY RIGHT-OF-WAY /
EASEMENT	UNDERGROUND	UNDER PAVEMENT		36	NO
MAIN		1996	6	ASTM D2513	INVESTOR OWNED
1996	PLASTIC				CSR POLYPIPE
13.5		2406		POLYETHYLENE (PE)	
				MECHANICAL PUNCTURE	2 4.5
				CLASS 3 LOCATION	1200000 8432
14700	0	1422	1224554	7 0 8 43	43 50
PRESSURE DID NOT EXCEED MAOP	NO				NOTIFICATION
FROM EMERGENCY RESPONDER				"NO, THE FACILITY WAS NOT MONITORED	
BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"					
				NO	
NO	EXCAVATION DAMAGE	EXCAVATION DAMAGE BY THIRD PARTY			

				EXCAVATION
DAMAGE BY THIRD PARTY	YES	YES		
NO				YES
CONTRACTOR	BORING	TELECOMMUNICATIONS	YES	634200344
OHIO UTILITY PROTECTION SERVICE CONTRACT LOCATOR	NO	NO	YES	24
LOCATING PRACTICES NOT SUFFICIENT			FACILITY WAS NOT LOCATED OR	
MARKED				

ROB SMITH OPERATIONS

COMPLIANCE MANAGER rrrsmith@nisource.com 6148182110 6148182151

1/20/2017 ROB SMITH OPERATIONS COMPLIANCE MANAGER 6148182110

rrsmith@nisource.com "ON DECEMBER 7, 2016, A THIRD-PARTY CONTRACTOR CALLED IN AN OBTAINED AN EXCAVATION ONE CALL TICKET FOR AN EXCAVATION IN FRONT OF 2857 W. BROAD ST. COLUMBUS, OHIO. COLUMBIA GAS OF OHIO'S THIRD-PARTY LOCATOR CLEARED THE TICKET ON DECEMBER 8, 2016, STATING THAT COLUMBIA GAS OF OHIO, INC., HAD NO GAS FACILITIES IN CONFLICT WITHIN THE SCOPE OF THE TICKET. HOWEVER, COLUMBIA GAS OF OHIO'S MAPS AND RECORDS, AVAILABLE TO THE THIRD-PARTY LOCATOR AT ALL TIMES RELEVANT TO THIS REPORT, ACCURATELY DEPICTED THE PRESENCE OF A NATURAL GAS FACILITY WITHIN THE SCOPE OF THE TICKET. ON DECEMBER 21, 2016, SHORTLY AFTER 2PM A THIRD-PARTY CONTRACTOR BORING IN TELECOMMUNICATION CONDUIT STRUCK AND DAMAGED A 6-INCH PLASTIC MAIN LINE WITHIN THE SCOPE OF THE AFOREMENTIONED TICKET. THE UNCONTROLLED RELEASE OF NATURAL GAS 36 INCHES BELOW THE BLACKTOP MIGRATED INTO A PIZZA SHOP AND EXPLODED AND CAUGHT FIRE. THE EXPLOSION AND FIRE DAMAGED SOME NEARBY VEHICLES AND THE ADJACENT BUILDING. COLUMBIA RESPONDED AND ESTABLISHED A PERIMETER AND MADE THE SITUATION SAFE BY ISOLATING THE DAMAGED SECTION OF MAINLINE FROM ITS GAS SUPPLY."

1/18/2017 2016 20170009 16484 SUPPLEMENTAL FINAL 7348

DOMINION HOPE 48 COLUMBIA BLVD CLARKSBURG WV 26301 12/20/2016

14:28 219 DUNKARD AVE WESTOVER MONONGALIA WV 26501 39.63788

-79.97714 1166852 12/20/2016 16:57 UNINTENTIONAL RELEASE OF GAS

NATURAL GAS 7 NO 0

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NO					0	YES	12/20/2016
16:15		YES	YES	YES	0	12/20/2016 14:37	12/20/2016
15:14	NO	PRIVATE	PROPERTY		ABOVEGROUND	INSIDE A BUILDING	
	NO						
	PRIVATELY OWNED			SERVICE	UNKNOWN	1.25	Bare steel
UNKNOWN	UNKNOWN			STEEL	UNKNOWN		UNKNOWN
					OTHER		

PIPE BROKE OUT OF FITTING IN BASEMENT DUE TO
EXCAVATOR WORK ON PROPERTY DURING GARAGE DEMOLITION CLASS 3 LOCATION
53800 2930 430 0 17 57177 0 0 1 0.47
0.47 0.75 PRESSURE DID NOT EXCEED MAOP NO
NOTIFICATION FROM EMERGENCY RESPONDER "NO, THE FACILITY WAS NOT
MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"

THIRD PARTY NO EXCAVATION DAMAGE EXCAVATION DAMAGE BY

EXCAVATION DAMAGE BY THIRD PARTY NO
BUILDING DEMOLITION NO
ONE-CALL NOTIFICATION PRACTICES NOT SUFFICIENT NO NOTIFICATION MADE TO THE
ONE-CALL CENTER

WALLACE TECHNICAL SPECIALIST scott.a.wallace@dom.com 3048441256
1/18/2017 KAREN SEARLES MANAGER GAS OPERATIONS 304-581-5841
karen.m.searles@dom.com "TIMELINE OF INCIDENT: -SUNDAY 12/18/16 GARAGE ROOF
COLLAPSES AT 219 DUNKARD AVE WESTOVER, WV PROPERTY OWNER, PHIL LEINBACH HIRES FRIEND
JESSE MAYLE TO REMOVE/TEAR DOWN GARAGE ON TUESDAY 12/20/16 (NO MISS UTILITY CALLED
PRIOR TO WORK BEING DONE, BECAUSE THEY WEREN'T DIGGING AND THOUGHT THEY DIDN'T NEED
ONE) -TUESDAY 12/20/16 TIMELINE;
FIRE/EXPLOSION AT 219 DUNKARD AVE 14:28 - 911 DISPATCHES
HOUSE IS ON FIRE 14:32 - FIRE DEPARTMENT ON SCENE,
ADVISE OF FIRE/EXPLOSION 14:37 - DOMINION HOPE RECEIVES CALL FROM 911 TO
14:59 - ORDER IS ASSIGNED TO FMS DOUG SLOAN
15:14 - FMS ONSITE AT 219 DUNKARD AVE 15:30 - FMS
CALLS PAUL KREIG, ADVISES SERVICE LINE AND HOUSE IS ON FIRE NEEDS CREW TO ASSIST IN
TURNING OFF GAS 15:34 - C&M CREW DISPATCHED 15:45 -
FIRE DEPARTMENT EXTINGUISHES FIRE, GAS IS LEAKING AT SEVERED SERVICE LINE
16:00 - CREW ARRIVES ONSITE 16:15 - GAS SHUT OFF, MADE SAFE
16:30 - C&M SUPERVISOR ARRIVES ONSITE, BEGINS INVESTIGATION
18:00 - ANNETTE BARKER REQUESTED ODORANT LEVEL READINGS FROM PIPELINE
18:15 - DOUG SLOAN CONDUCTED A POST INCIDENT LEAK SURVEY TO AREA, THE PIPELINE
SYSTEM WAS COMPLIANT PROPERTY OWNER - PHIL LEINBACH
304 STILL HOUSE RD SALEM, WV 26426
304-376-9345 TENANT - NICK & AMANDA FILLIPPELLI
219 DUNKARD AVE WESTOVER, WV EXCAVATOR -
JESSE MAYLE 304-376-2361 HELPER - MIKE FITZHENRY

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WITNESSED EXPLOSION AND CALLED 911 WESTOVER VOL. FIRE DEPT CO.23 FIRE CHIEF
 KENNETH GOODWIN JR. 11 COTTAGE STREET
 WESTOVER, WV 26501 304-296-0840 OFC 304-692-4788
 CELL NO PERSONS WERE INJURED AS A RESULT OF THIS EXPLOSION/FIRE, BUT THE TENANTS
 DOG DID PERISH IN THE HOME. FIRE CHIEF KENNETH GOODWIN JR. IS RULING THE FIRE
 ACCIDENTAL. PROPERTY OWNER DID NOT HAVE INSURANCE. EXCAVATOR DID NOT HAVE INSURANCE,
 AND THE HOME IS CONSIDERED TO BE A TOTAL LOSS. IN REGARDS TO PART A 13.B - THE
 SERVICE LINE FACILITY HAS BEEN CUT AND ABANDONED AT THE MAIN. THIS FACILITY WILL
 NEVER BE RESTARTED."
 1/12/2017 2016 20170004 16475 ORIGINAL 15359 BLACK HILLS
 ENERGY 655 EAST MILLSAP RD SUITE #104 FAYETTEVILLE AR 72703-1002
 12/16/2016 15:58 N.W.CORNER W. KELLI AVE. AND HWY 62 FARMINGTON
 WASHINGTON AR 72730-0000 36.0387 -94.2553 1166574 12/16/2016
 21:06 UNINTENTIONAL RELEASE OF GAS NATURAL GAS 2684 NO
 0 NO
 0 YES 12/17/2016 0:40 12/17/2016 13:15 YES NO
 96 12/16/2016 16:00 12/16/2016 16:00 NO UTILITY RIGHT-OF-WAY
 / EASEMENT ABOVEGROUND "TYPICAL ABOVEGROUND FACILITY PIPING OR APPURTENANCE
 (E.G. VALUE OR REGULATOR STATION, OUTDOOR METER SET)" NO
 PRIVATELY
 OWNED DISTRICT REGULATOR/METERING STATION 2006
 STEEL UNKNOWN 0.156
 OTHER
 "2"" POST REGULATOR SET HIT BY VEHICLE"
 CLASS 3 LOCATION 105000 22114 23430 0 10494 161038 0
 0 4 285 285 415 PRESSURE DID NOT EXCEED MAOP NO
 NOTIFICATION FROM EMERGENCY RESPONDER "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) " INCIDENT WAS CLEARLY CAUSED BY OUTSIDE FORCE
 DAMAGE
 NO NO OTHER OUTSIDE FORCE
 DAMAGE "DAMAGE BY CAR, TRUCK, OR OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN
 EXCAVATION"

"DAMAGE BY CAR, TRUCK, OR OTHER MOTORIZED
 VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION" THIRD PARTY

PRESTON WALKER COMPLIANCE COORDINATOR preston.walker@blackhillscorp.com
 479-575-1496 1/9/2017 BILL STEPHENS SR MANAGER CODES STANDARDS
 303-566-3509 bill.stephens@blackhillscorp.com "AT 3:58 P.M. ON DECEMBER
 16, 2016, ON THE NORTHWEST CORNER OF THE INTERSECTION OF WEST KELLI AVE. AND HWY 62
 (MAIN ST.) IN FARMINGTON, ARKANSAS, A VEHICLE TRAVELLING WEST ON HWY 62 LEFT THE
 ROADWAY AND STRUCK A BLACK HILLS ENERGY ARKANSAS, INC. ("BHEA" OR THE "COMPANY")

2-INCH POST REGULATOR SETTING THAT WAS CONNECTED TO A 4-INCH TRANSMISSION PIPELINE. THE REGULATOR SETTING WAS LOCATED 28.5 FEET FROM THE CURB OF HWY 62. THE IMPACT OF THE CAR STRIKING THE SETTING BROKE TWO 2" X 1" SWAGES ON THE HIGH PRESSURE SIDE OF THE REGULATOR AND TWO 2" STEEL PIPES ON THE INTERMEDIATE PRESSURE SIDE OF THE REGULATOR. THE GAS ESCAPING FROM THE BROKEN PORTIONS OF THE REGULATOR SETTING IGNITED IMMEDIATELY, RESULTING IN A LARGE FIRE. THE FIRST BHEA EMPLOYEES ARRIVED AT THE SCENE AT 4:00 P.M. AND 4:10 P.M., AND STARTED THE PROCESS OF ISOLATING THE EFFECTED SEGMENT OF THE COMPANY'S SYSTEM WITH THE ASSISTANCE OF THE FARMINGTON AND FAYETTEVILLE FIRE DEPARTMENTS. THE EMERGENCY SHUT OFF VALVE FOR THE SETTING, WHICH WAS LOCATED 21 FEET FROM THE SETTING, WAS INACCESSIBLE DUE TO THE SIZE OF THE FIRE.

CONSEQUENTIAL. BECAUSE GAS WAS FEEDING INTO THE SETTING FROM FOUR DIFFERENT DIRECTIONS, THE PROCESS OF ISOLATING THE FLOW OF GAS TO THE SETTING TOOK SEVERAL HOURS, AND WAS COMPLETED AT APPROXIMATELY 12:40 A.M. ON THE MORNING OF SATURDAY, DECEMBER 17. AFTER THE FIRE DEPARTMENTS COMPLETED THEIR INVESTIGATION OF THE DAMAGED FACILITIES, BHEA BEGAN THE PROCESS OF REPLACING THE SETTING IN ORDER TO BRING THE SEGMENT OF THE SYSTEM BACK INTO SERVICE, WHICH TOOK PLACE AT 1:15 P.M. ON SATURDAY, DECEMBER 17. *THERE WAS APPARENTLY ONE PERSON IN THE CAR AT THE TIME IT HIT THE REGULATOR SETTING. FOLLOWING THE INCIDENT, BONE FRAGMENTS FROM THAT PERSON WERE FOUND IN THE CAR. THE INCIDENT IS STILL UNDER INVESTIGATION, AND AS OF THE DATE OF THIS REPORT, NEITHER THE CAUSE OF DEATH, NOR THE TIME OF DEATH (EITHER BEFORE THE INCIDENT OR AT THE TIME OF THE INCIDENT) HAS BEEN ESTABLISHED. UNTIL THE RESULTS OF THE RELEVANT AUTHORITIES' INVESTIGATIONS ARE RELEASED, BHEA HAS STATED ON THIS REPORT TO PHMSA THAT THERE WERE NO FATALITIES THAT RESULTED FROM THE INCIDENT. BHEA WILL UPDATE THIS REPORT ONCE IT RECEIVES FURTHER INFORMATION."

DATE	TIME	LOCATION	STATUS	REMARKS	DATE	TIME	LOCATION	STATUS	REMARKS
12/16/2016	20:05	UNDERGROUND	NO		12/16/2016	21:30	UNDER PAVEMENT	YES	
0	12/16/2016 11:45	UNDER PAVEMENT	NO		12/16/2016 12:15	NO	PUBLIC PROPERTY	YES	0
0	12/16/2016 11:45	UNDER PAVEMENT	NO		12/16/2016 12:15	NO	PUBLIC PROPERTY	YES	0

NOTIFICATION FROM EMERGENCY RESPONDER "NO,
THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"

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UNKNOWN "STILL UNDER INVESTIGATION, CAUSE OF INCIDENT TO BE DETERMINED* (*SUPPLEMENTAL REPORT REQUIRED)"
 KHOA LE PIPELINE SAFETY AND COMPLIANCE ADVISOR kle2@semptrautilities.com
 6268934536 1/15/2017 KHOA LE PIPELINE SAFETY AND COMPLIANCE
 ADVISOR 6268934536 kle2@semptrautilities.com "ON DECEMBER 16, 2016,
 ANAHEIM FIRE DEPARTMENT REPORTED AN EXPLOSION IN AN UNDERGROUND ELECTRICAL VAULT AT
 THE INTERSECTION OF E CANYON RIM RD & SERRANO AVE IN ANAHEIM. CREW ARRIVED,
 CENTERED A LEAK OVER A 4 INCH PLASTIC MAIN AND CONTROLLED THE GAS BY PINCHING AND
 CAPPING THE MAIN. THERE WERE NO INJURIES OR FURTHER DAMAGE RESULTED FROM THIS
 INCIDENT. ALL REPAIRS TO THE DAMAGED MAIN WERE COMPLETED. THE DAMAGED PIPE
 REMOVED AND SENT TO SOCALGAS LABORATORY FOR A THOROUGH VISUAL INSPECTION.
 INVESTIGATION INTO THE CAUSE OF THE LEAK IS ON-GOING. THIS INCIDENT WAS REPORTED TO
 DOT AND CPUC DUE TO A GAS RELEASE AND DAMAGES EXCEEDING \$50,000. FOR ANY FURTHER
 QUESTIONS, CONTACT KHOA LE AT (626) 893-4536."
 1/13/2017 2016 20170005 16476 ORIGINAL FINAL 13710 NORTHERN
 ILLINOIS GAS CO "P.O. BOX 190, RT 59 & I-88 " AURORA IL 60507 12/15/2016
 15:51 14145 PARKER ROAD HOMER GLEN WILL IL 60491 41.630913
 -87.950473 1166478 12/15/2016 18:17 UNINTENTIONAL RELEASE OF GAS
 NATURAL GAS 13585.8 NO 0
 YES 0 0 0 0 2 2 YES 12/15/2016
 22:20 12/17/2016 13:30 YES YES 50 12/15/2016 15:55
 12/15/2016 14:31 NO PUBLIC PROPERTY UNDERGROUND UNDER PAVEMENT
 64 YES YES UNCASED
 INVESTOR OWNED MAIN 1963 6.625
 UNKNOWN UNKNOWN STEEL UNKNOWN 0.188
 RUPTURE
 CIRCUMFERENTIAL 12.5 0.5 CLASS 3 LOCATION 275000
 133122 2000 0 4755 414877 0 0 28 54 58
 60 PRESSURE DID NOT EXCEED MAOP NO
 "LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS" OPERATOR EMPLOYEE
 "NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"
 NO NO MATERIAL FAILURE OF
 PIPE OR WELD BODY OF PIPE

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BODY OF PIPE CRACK

YES

YES

NO

LETICIA QUEZADA DIRECTOR COMPLIANCE AND QUALITY ASSURANCE
lquezad@southernco.com 630-388-2316 1/13/2017 LETICIA QUEZADA
DIRECTOR COMPLIANCE AND QUALITY ASSURANCE 630-388-2316
lquezad@southernco.com "DISCOVERED CRACKED 6"" STEEL MAIN AT THE INTERSECTION OF
143RD ST AND PARKER ROAD. THERE WAS EVIDENCE OF A DENT FROM PREVIOUS EXCAVATION
DAMAGE AT THE LOCATION OF THE CRACK. GAS MIGRATED THROUGH A SEWER AND RESULTED IN
AN EXPLOSION AT 14145 PARKER RD., WHICH WAS A ABOUT ONE BLOCK AWAY FROM THE LOCATION
OF THE CRACKED MAIN."
12/28/2016 2016 20160128 16465 ORIGINAL 8160
INTERMOUNTAIN GAS CO "555 SOUTH COLE ROAD (POB 7608, 83707)" BOISE ID
83709 12/14/2016 17:33 "4056 N CAN-ADA RD, NAMPA" Not within a
Municipality ADA COUNTY ID 83687 43.644039 -116.499927 NRC
NOTIFICATION NOT REQUIRED UNINTENTIONAL RELEASE OF GAS NATURAL GAS
12431 NO 0 NO
NO NO 0 BLOWING REGULATOR STATION RELIEF
19:15 NO OPERATOR-CONTROLLED PROPERTY ABOVEGROUND "TYPICAL ABOVEGROUND
FACILITY PIPING OR APPURTENANCE (E.G. VALUE OR REGULATOR STATION, OUTDOOR METER
SET)" NO
2008 INVESTOR OWNED DISTRICT REGULATOR/METERING STATION
UNKNOWN STEEL
OTHER REGULATOR
RELIEF BLOWING GAS CLASS 1 LOCATION 0 9972 2493 0
70703 83168 0 0 0 544 495 500 "PRESSURE EXCEEDED
MAOP, BUT DID NOT EXCEED 110% OF MAOP" YES YES YES YES YES
"SCADA-BASED INFORMATION (SUCH AS ALARM(S), ALERT(S), EVENT(S), AND/OR VOLUME OR
PACK CALCULATIONS)" "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) "
"SCADA WORKED AS INTENDED, ALARM DUE TO HIGH PRESSURE"
NO
NO EQUIPMENT FAILURE MALFUNCTION OF CONTROL/RELIEF
EQUIPMENT

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CONTROL/RELIEF EQUIPMENT
YES

MALFUNCTION OF

OPERATIONS SERVICES lance.elroy@intgas.com 208-377-6122 LANCE ELROY DIRECTOR OF 12/28/2016
HART GILCHRIST VP OPERATIONS 208-377-6086 hart.gilchrist@intgas.com
PILOT REGULATOR FILTER FAILURE DUE TO CONTAMINANTS IN FILTER - CAUSED OVER PRESSURE
AND THE RELIEF TO BLOW.

1/11/2017	2016	20170003	16474	ORIGINAL	15469	PHILADELPHIA
GAS WORKS	800 W. MONTGOMERY AVENUE			PHILADELPHIA	PA	19122
12/14/2016 12:09	915 S. 49TH STREET			PHILADELPHIA	PHILADELPHIA	PA
19143	39.9460732	-75.2189365	1166398	12/14/2016 17:56		REASONS
OTHER THAN RELEASE OF GAS				18	NO	
	0	YES	0	0	0	2
THE GAS MAIN WAS PERMANENTLY ABANDONED.				2	0	NO
0	12/14/2016 16:20	12/14/2016 7:29	NO	UTILITY	RIGHT-OF-WAY /	NO
EASEMENT	ABOVEGROUND	OTHER	SEPTA MANHOLE		NO	NO
					MUNICIPALLY OWNED	
MAIN	UNKNOWN	4		UNKNOWN	UNKNOWN	
CAST/WROUGHT IRON						
		OTHER				
IRON MAIN.	SEPTA ELECTRICAL LINES	SHORTED OUT AND	BURNED A HOLE IN THE CAST			
38414	CLASS 4 LOCATION	0	0	38376	0	38
0	0	0.28	0.28	0.5		
NO						
NOTIFICATION FROM PUBLIC						
"NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"						
	YES	5	0	NO		OTHER OUTSIDE FORCE
DAMAGE	ELECTRICAL ARCING FROM OTHER EQUIPMENT OR FACILITY					

ELECTRICAL ARCING FROM OTHER EQUIPMENT OR FACILITY

JOSEPH HAWKINSON DIRECTOR FIELD SERVICES AND MAINTENANCE
joseph.hawkinson@pgworks.com 215-684-6342 1/11/2017 RAYMOND
WELTE VP FIELD OPERATIONS 215-684-6033 raymond.welte@pgworks.com "ON
WEDNESDAY, DECEMBER 14, 2016, BETWEEN 07:00 AND 08:00 HUNDRED HOURS PGW RECEIVED
MULTIPLE CALLS FROM CUSTOMERS CONCERNING SMOKE/ODORS COMING FROM THE STREETS IN THE
VICINITY OF 900 S. 49TH STREET. PGW RESPONDED WITH PERSONNEL TO INVESTIGATE THE
AREA. UPON ARRIVAL AND INVESTIGATION ON THE SCENE PGW FOUND HIGH CARBON MONOXIDE

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READINGS IN VARIOUS STRUCTURES AND HEAVY SMOKE COMING FROM TWO SEPTA MANHOLES. THE CAUSE OF THE SMOKE AND ODORS WERE DETERMINED TO BE CAUSED BY AN UNDERGROUND SHORT IN SEPTA ELECTRICAL LINES CAUSING A BURN OUT. BETWEEN 11:30 AND 12:00 HUNDRED HOURS TWO SEPTA EMPLOYEES ATTEMPTED TO VENTILATE A SEPTA MANHOLE IN FRONT OF 915 S. 49TH STREET AND THE MANHOLE IGNITED. THE TWO SEPTA EMPLOYEES WERE BURNED AND TAKEN TO THE HOSPITAL BY THE PHILADELPHIA FIRE DEPARTMENT. AN ELECTRIC VENTILATOR USED BY THE SEPTA EMPLOYEES MAY HAVE BEEN THE IGNITION SOURCE. THROUGH INVESTIGATION PGW IDENTIFIED A LOCATION WITH HIGH NATURAL GAS READINGS NEAR THE SOUTH EAST CORNER OF 49TH STREET AND WARRINGTON STREET. PGW EXCAVATED AND FOUND A LEAKING 4 INCH CAST IRON MAIN THAT CROSSED OVER TOP OF THE SEPTA DUCT. ELECTRICAL ARCING FROM THE SEPTA WIRES CREATED A LARGE BURN HOLE IN THE BOTTOM OF THE 4 INCH CAST IRON GAS MAIN. A TEMPORARY REPAIR WAS MADE ON THE 4 INCH MAIN AS OF 16:20 HOURS ON 12/14/2016. THE MAIN WAS LATER ABANDONED PERMANENTLY."

1/9/2017	2016	20170002	16470	SUPPLEMENTAL FINAL	2432
FLORIDA CITY GAS	10 PEACHTREE PLACE NE	ATLANTA GA	30309	12/9/2016	
15:01	251 E FLORIDA AVE	MELBOURNE	BREVARD FL	32901	28.055878
-80.618263	1166238	12/12/2016 19:22	UNINTENTIONAL RELEASE OF GAS		
NATURAL GAS	194.16	NO	0	YES	12/9/2016
NO			0	0	12/9/2016 15:45
17:34	12/10/2016 14:45	NO	NO	0	12/9/2016 15:45
12/9/2016 15:54	NO	UTILITY RIGHT-OF-WAY /	EASEMENT UNDERGROUND	UNDER SOIL	
36	NO				
UNKNOWN	INVESTOR OWNED	MAIN	UNKNOWN	4	
UNKNOWN	UNKNOWN	STEEL	UNKNOWN	0.188	
			MECHANICAL PUNCTURE	24	2
			CLASS 3 LOCATION	0	0
3478	126116 0	1126	130720	167	0
60	PRESSURE DID NOT EXCEED MAOP	YES	YES	YES	721
				NO	50
					51
NOTIFICATION FROM THIRD PARTY THAT CAUSED THE INCIDENT					"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) "					THE CAUSE OF THE INCIDENT WAS THIRD PARTY EXCAVATION DAMAGE
AND WAS NOT RELATED TO CONTROLLER ACTIVITIES.					NO
					NO
EXCAVATION DAMAGE			EXCAVATION DAMAGE BY THIRD PARTY		

			EXCAVATION DAMAGE BY		
THIRD PARTY		YES	YES	YES	
NO		YES			
CONTRACTOR	BACKHOE/TRACKHOE	YES	LANDSCAPING	YES	342610733
SUNSHINE ONE-CALL	UTILITY OWNER	NO	YES	YES	22
NOTIFICATION PRACTICES NOT SUFFICIENT			"NOTIFICATION TO ONE-CALL CENTER		
MADE, BUT NOT SUFFICIENT"					

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lquezad@southernco.com "LANDSCAPING CONTRACTOR WAS DIGGING OUTSIDE THE EXTENT/SCOPE OF THE ONE-CALL TICKET. A 4" STEEL MAIN WAS PUNCTURED WHICH RESULTED IN A RELEASE OF GAS AND SERVICE INTERRUPTION TO APPROXIMATELY 888 CUSTOMERS. THE LOCATION OF THE DAMAGE WAS ABOUT 485 FEET AWAY FROM THE AREA REQUESTED FOR LOCATING ON THE ONE-CALL TICKET CALLED IN BY THE EXCAVATOR. COMPANY LOCATORS ACCURATELY MARKED OUT THE COMPANY FACILITIES LOCATED WITHIN THE EXTENT OF THE ONE-CALL TICKET. THERE WERE NO MARKS IN THE AREA OF THE HIT BECAUSE THE EXCAVATOR WAS DIGGING OUTSIDE THE EXTENT OF THE ONE-CALL TICKET."

1/6/2017 2016 20170001 16468 ORIGINAL 15007 PACIFIC GAS
& ELECTRIC CO "PG&E - GAS OPERATIONS, REGULATORY COMPLIANCE 6111 BOLLINGER CANYON
RD., " SAN RAMON CA 94583 12/8/2016 7:33 4095 N GOLDEN STAVE BLVD
FRESNO FRESNO CA 93722 36.79436 -119.86543 1165979 12/9/2016
9:39 UNINTENTIONAL RELEASE OF GAS NATURAL GAS 329 NO

0 YES 12/8/2016 9:17 NO YES NO NO 0
12/8/2016 7:33 12/8/2016 8:15 NO PUBLIC PROPERTY UNDERGROUND UNDER SOIL
348 NO

PE2406/2709 PRIVATELY OWNED MAIN 2016 2016 2
DRISCOPEX 11 PLASTIC 2406
POLYETHYLENE (PE) 11

RUPTURE LONGITUDINAL 24 2
CLASS 3 LOCATION 0 50000 8900 0 1000 59900 1
0 0 57 57 60 PRESSURE DID NOT EXCEED MAOP NO

NOTIFICATION FROM THIRD PARTY THAT CAUSED THE INCIDENT
"NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE
INCIDENT"

NO NO
EXCAVATION DAMAGE EXCAVATION DAMAGE BY THIRD PARTY

YES YES EXCAVATION DAMAGE BY THIRD PARTY YES YES
STATE HIGHWAY
CONTRACTOR BORING UNKNOWN/OTHER YES 631300829 N/A UTILITY
OWNER YES YES EXCAVATION PRACTICES NOT SUFFICIENT
FAILURE TO MAINTAIN CLEARANCE

STEPHEN RAMOS GAS ENGINEER s3rc@pge.com 925-413-7311 1/6/2017
SUSIE RICHMOND MANAGER REGULATORY COMPLIANCE 925-328-5776 gsr8@pge.com "ON
DECEMBER 8, 2016, AT 0733 HOURS, PG&E WAS NOTIFIED OF A THIRD PARTY DIG-IN NEAR 4095
N GOLDEN STATE BLVD IN FRESNO. THE DIG-IN OCCURRED AT THE ASHLAND AVE ON-RAMP.
THIRD PARTY CONTRACTOR, MCM CONSTRUCTION STRUCK A 2" PLASTIC MAIN WHILE PERFORMING
HORIZONTAL DRILLING. THERE WAS A VALID USA TICKET (X 631300829) AND PG&E FACILITIES
WERE PROPERLY LOCATED AND MARKED PER PG&E PROCEDURES AND AGREEMENT WITH THE
CONTACTOR; THE CONTRACTOR FAILED TO EXCAVATE WITHIN A SAFE DISTANCE TO PROTECT THE
GAS MAIN FROM DAMAGE. PG&E'S GSR ARRIVED ON SITE AT APPROXIMATELY 0815 HOURS. PG&E
REPAIR CREWS ARRIVED ON SITE AND SHUT IN THE FLOW OF GAS AT 0917 HOURS. THE REPAIR
CREW INSTALLED A DEAD END AS A TEMPORARY REPAIR. THE PROJECT TO RE-ESTABLISH A NEW

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MAIN IS PENDING. ONE COMMERCIAL TRUCKING COMPANY CUSTOMER SERVICE (4011 W ASHLAN AVE, FRESNO) WAS IMPACTED. CNG WAS SET UP AND THE CUSTOMER WAS RESTORED ON 12/9/16 AT 1000 HOURS. POLICE AND FIRE DEPARTMENT WERE REPORTED ON SITE. NO KNOWN INJURIES, FATALITIES, OR IGNITION HAVE BEEN REPORTED WITH THIS INCIDENT. THIS INCIDENT IS BEING REPORTED TO THE CPUC DUE TO THE UNINTENTIONAL RELEASE OF GAS AND PRESENCE OF MAJOR MEDIA. AFTER FURTHER REVIEW, ESTIMATED COSTS FOR REPAIRS ARE EXPECTED TO BE GREATER THAN \$50,000. THE ESTIMATED REPAIR COSTS WERE DETERMINED 12/9/16 AT APPROXIMATELY 0900 HOURS, AND REPORTED TO THE DOT ON 12/9/16 AT 0939 HOURS."

12/19/2016	2016	20160127	16460	ORIGINAL	FINAL	12684	MONTANA -
DAKOTA UTILITIES CO		400 NORTH FOURTH STREET		BISMARCK			ND
58501	11/23/2016 16:15	1401 WEST 5TH STREET		SHERIDAN			SHERIDAN
WY	82801	44.808694	-106.974187	1164817	11/23/2016 20:48		
UNINTENTIONAL RELEASE OF GAS		NATURAL GAS		466.64	NO		
	0	NO					0
YES	11/23/2016 16:15	11/23/2016 22:30				YES	NO
0	11/23/2016 16:27	11/23/2016 17:03	NO	PRIVATE PROPERTY			
UNDERGROUND	EXPOSED DUE TO EXCAVATION		36	NO			
				INVESTOR OWNED			
SERVICE	2000	3	ASTM D2513	UNKNOWN		UNKNOWN	
PLASTIC			POLYETHYLENE (PE)				11
	2406	OTHER					
"COMPLETE SEVER OF SERVICE LINE, DUE TO 3RD PARTY DIG IN."							
CLASS 3 LOCATION	200000	1000	1000	0	NO OTHER COSTS WERE INCURRED		
200	202200	2	0	0	55	55	60
EXCEED MAOP	NO				PRESSURE DID NOT		
RESPONDER		NOTIFICATION FROM EMERGENCY					
CONTROLLER(S) AT THE TIME OF THE INCIDENT"		"NO, THE FACILITY WAS NOT MONITORED BY A					
				NO			
NO	EXCAVATION DAMAGE	EXCAVATION DAMAGE BY THIRD PARTY					

DAMAGE BY THIRD PARTY			YES	YES	EXCAVATION
YES		YES	PRIVATE BUSINESS		YES
(SANITARY/STORM)	YES	CONTRACTOR	BACKHOE/TRACKHOE	SEWER	
YES	YES	2016470065	CONTRACT LOCATOR	YES	
6	EXCAVATION PRACTICES NOT SUFFICIENT				
FAILURE TO MAINTAIN CLEARANCE					

KLINGENSTEIN STAFF ENGINEER matt.klingenstein@mdu.com 7012227973 MATT
 12/19/2016 PAT DARRAS VP OPERATIONS 7012227611 pat.darras@mdu.com
 EXCAVATION SUB-CONTRACTORS DANIELS INC. WAS EXCAVATING IN THE AREA TO CONNECT A STORM SEWER SYSTEM WITH A LARGE EXCAVATOR WHEN THEY DUG THROUGH THE LIVE 3-PHASE ELECTRICAL PRIMARY AND 3 INCH PE GAS SERVICE FEEDING THE HOSPITAL. THE RESULTING DAMAGE TO THE GAS AND ELECTRICAL SERVICES CAUSED AN ESCAPE OF GAS AND EVENTUALLY A FIRE. THE FIRE CONSUMED THE VACATED EXCAVATOR BEFORE THE FIRE COULD BE CONTROLLED BY FIRST RESPONDERS.

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12/16/2016	2016	20160126	16459	ORIGINAL	32513	AMEREN
ILLINOIS COMPANY		6 EXECUTIVE DR.		COLLINSVILLE	IL	62234
11/16/2016 17:44		50 N. 1ST AVENUE		CANTON FULTON	IL	61520
40.556604	-90.033663	1164320	11/16/2016 18:26			UNINTENTIONAL
RELEASE OF GAS	NATURAL GAS	33.29	YES	1	0	0
0	1	YES	2	0	2	YES
11/16/2016 17:37		11/19/2016 15:18		YES	YES	50
12/16/2016 16:06		12/16/2016 16:13		NO	UTILITY	RIGHT-OF-WAY /
EASEMENT	UNDERGROUND	UNDER PAVEMENT		26	NO	
SERVICE		2012	1	ASTM D2513		INVESTOR OWNED
2011	PLASTIC					PERFORMANCE PIPE
	0.099	2406		MECHANICAL PUNCTURE	0.8	0.3
				CLASS 3 LOCATION		0
105000	128306	0	"TOTAL PUBLIC DAMAGE COSTS ARE SUBSTANTIAL, BUT STILL YET			
UNKNOWN."	140	233446	110	0	20	31.2
PRESSURE DID NOT EXCEED MAOP		NO				30
FROM THIRD PARTY THAT CAUSED THE INCIDENT						60
WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"						NOTIFICATION
						"NO, THE FACILITY
YES	3	0	NO		EXCAVATION DAMAGE	EXCAVATION
DAMAGE BY THIRD PARTY						

	EXCAVATION DAMAGE BY THIRD PARTY		YES
YES	NO	YES	
		CITY STREET	
TELECOMMUNICATIONS	YES	3143162 JULIE	DIRECTIONAL DRILLING
YES	69	EXCAVATION PRACTICES NOT SUFFICIENT	YES
FAILURE TO VERIFY LOCATION BY TEST-HOLD (POT-HOLING)			YES

JOHN BOZARTH MANAGER - GAS COMPLIANCE AND TRAINING jbozarth@ameren.com
217-625-6854 314-613-2640 12/16/2016 JOHN BOZARTH MANAGER - GAS
COMPLIANCE AND TRAINING 217-625-6854 jbozarth@ameren.com "A THIRD PARTY
CONTRACTOR WAS DIRECTIONAL BORING TO INSTALL TELECOMMUNICATION UTILITY FACILITIES
AND HIT AN AMEREN ILLINOIS (AIC) GAS FACILITY. AIC RESPONDED TO THE HIT FACILITY AND
HAD FOUR EMPLOYEES WORKING AT THE SCENE WHEN THE BUILDING AT 50 N 1ST AVENUE
EXPLODED. ONE AIC EMPLOYEE WAS KILLED AND THREE WERE INJURED, TWO OF WHICH REQUIRED
INPATIENT HOSPITALIZATION. ADDITIONAL CONTRIBUTING FACTORS TO THE INCIDENT ARE
CURRENTLY UNDER INVESTIGATION BY THE NATIONAL TRANSPORTATION SAFETY BUREAU (NTSB).
CLARIFICATION ON RESPONSES AS FOLLOWS: A.12 - THERE WERE NEWS REPORTS OF 12
INJURIES INCLUDING AIC EMPLOYEES. AT THIS TIME WE ARE ONLY AWARE OF THE INJURIES TO
AIC EMPLOYEES REQUIRING INPATIENT HOSPITALIZATION, AND ARE NOTE AWARE IF OTHER
INJURIES REQUIRED INPATIENT HOSPITALIZATION. A.16 - THE EAST SIDE OF THE SQUARE WAS
EVACUATED BY EMERGENCY RESPONDERS AND THE TOTAL NUMBER OF INDIVIDUALS EVACUATED IS
UNKNOWN AT THIS TIME. THE RESPONSE OF 50 IS AN UNSUBSTANTIATED ESTIMATE OF THE
INDIVIDUALS IN AND AROUND THE SQUARE THAT WOULD HAVE BEEN EVACUATED. D.2.A. - THE
EXTENT OF PUBLIC DAMAGES TO PROPERTY WILL MOST LIKELY BE IN THE MILLIONS OF DOLLARS.

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AT THIS TIME, AIC DOES NOT HAVE A VALID ESTIMATION OF THIS AMOUNT. G.13.A. - THIS DURATION REPRESENTS THE TIME THAT THE FIRST SYSTEM VALVES WERE CLOSED TO ISOLATE GAS MAINS TO THE TIME THE LAST GAS MAIN SEGMENT WAS REPRESSURIZED AND PUT BACK INTO SERVICE."

12/13/2016	2016	20160125	16456	ORIGINAL	FINAL	15007	PACIFIC GAS
& ELECTRIC CO	"PG&E -	GAS OPERATIONS,	REGULATORY COMPLIANCE	6111	BOLLINGER CANYON		
RD., "	SAN RAMON	CA	94583	11/14/2016 10:50	1154 PARK AVENUE		
SAN JOSE	SANTA CLARA	CA	95126	37.325732	-121.913024		
1166201	12/12/2016 11:26	UNINTENTIONAL RELEASE OF GAS			NATURAL GAS		
1330	NO			0	NO		
		0	YES	11/14/2016 15:55		11/16/2016	
17:30	NO	NO	0	11/14/2016 10:50	11/14/2016 10:54		
NO	PUBLIC PROPERTY	UNDERGROUND		UNDER PAVEMENT	36	NO	
						PRIVATELY	
OWNED	MAIN	UNKNOWN	6		UNKNOWN		
UNKNOWN	STEEL				UNKNOWN		
		LEAK			PINHOLE		
		CLASS 3	LOCATION	0	200000	28000	0
4230	232230	0	0	13	57	60	
EXCEED MAOP	NO						
RESPONDER		"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) "		THIS LOCATION IS NOT					
PART OF SCADA							
	NO			NO		EXCAVATION	
DAMAGE	EXCAVATION	DAMAGE BY THIRD PARTY					

			EXCAVATION	DAMAGE BY THIRD PARTY			
	YES	YES		YES	YES	CITY STREET	
						CONTRACTOR	
BORING	ELECTRIC	YES	630500538	USA NORTH	UTILITY OWNER	YES	
YES	YES	650	EXCAVATION PRACTICES NOT SUFFICIENT				
FAILURE TO VERIFY LOCATION BY TEST-HOLD (POT-HOLING)							

CHERYL QUIJANO SENIOR GAS COMPLIANCE ENGINEER c1dz@pge.com 925-328-5269
 12/13/2016 SUSIE RICHMOND REGULATORY COMPLIANCE MANAGER 925-328-5776
 gsr8@pge.com "ON NOVEMBER 14, 2016 AT 1049 HOURS, PG&E WAS NOTIFIED OF A THIRD
 PARTY DIG IN AT 1154 PARK AVENUE, SAN JOSE. A THIRD PARTY CONTRACTOR, SIGNAL
 ELECTRIC, STRUCK A 6-INCH STEEL MAIN WITH AN AUGER. THERE WAS A VALID USA TICKET
 (W630500538) AND PG&E FACILITIES WERE PROPERLY LOCATED AND MARKED. THE DIG-IN WAS A
 RESULT OF THE CONTRACTOR NOT EXPOSING THE LINE IN THE AREA OF WHERE THE BORE WOULD
 BE CONDUCTED. PG&E'S GAS SERVICE REPRESENTATIVE (GSR) ARRIVED ON SITE AT 1054 HOURS
 AND GAS WAS SHUT IN AT 1555 HOURS BY SQUEEZING THE 6-INCH STEEL MAIN AND CLOSING THE
 VALVE ON GRANT STREET, RESULTING IN THE LOSS OF GAS FOR 13 CUSTOMERS. THE REPAIR
 CREW COMPLETED REPAIRS BY REPLACING A SECTION OF MAIN AND SERVICES WERE READY TO BE
 RESTORED BY 11/16/16 AT 1730 HOURS. POLICE AND FIRE DEPARTMENTS WERE REPORTED ON
 SITE. THERE ARE NO KNOWN INJURIES, FATALITIES, AND NO IGNITION ASSOCIATED WITH THIS

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INCIDENT. THIS INCIDENT WAS INITIALLY ONLY REPORTED TO THE CPUC WHEN MEDIA WAS OBSERVED ONSITE AT APPROXIMATELY 1151 HOURS. AFTER FURTHER INVESTIGATION, PG&E DETERMINED THAT THE ESTIMATED REPAIR COSTS EXCEEDED THE \$50,000 CRITERIA ON 12/12/16 AT 1120 HOURS. PG&E REPORTED THE INCIDENT TO THE DOT ON 12/12/16 AT 1126 HOURS."

12/2/2016	2016	20160124	16457	SUPPLEMENTAL FINAL	1800
KEYSPAN ENERGY DELIVERY	- NY CITY	40 SYLVAN RD.	WALTHAM MA	02451	
11/10/2016 16:50		FOSTER AVE BETWEEN NEW YORK AVE AND NOSTRAND AVE			
BROOKLYN	KINGS	NY 11210	40.63849	-73.947208	1163761
11/10/2016 16:10		UNINTENTIONAL RELEASE OF GAS	NATURAL GAS		
113.47	NO		0	NO	
		0	YES	11/10/2016 16:50	11/11/2016
11:30	NO	NO	0	11/10/2016 13:19	11/10/2016 13:40
NO	UTILITY RIGHT-OF-WAY / EASEMENT	UNDERGROUND	UNDER PAVEMENT		48
NO					
INVESTOR OWNED	MAIN	UNKNOWN	30		UNKNOWN
UNKNOWN	CAST/WROUGHT IRON				
			MECHANICAL PUNCTURE	1.3	1.3
			CLASS 4 LOCATION	0	0
85000	113000	0	411	198411	20
15	PRESSURE DID NOT EXCEED MAOP	YES	YES	YES	NO
OTHER	NATIONAL GRID WAS NOTIFIED OF DAMAGE AND CUSTOMER OUTAGES BY LOCAL POLICE				
	"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) " THE INCIDENT WAS NOT THE RESULT OF ANY				
	OPERATION THAT THE CONTROL ROOM CAN PERFORM.				

	NO	NO
EXCAVATION DAMAGE	EXCAVATION DAMAGE BY THIRD PARTY	

THIRD PARTY	1/1/2016	NO	YES	EXCAVATION DAMAGE BY
YES	YES	CITY STREET	YES	YES
		CONTRACTOR	DRILLING	ENGINEERING/SURVEYING
163091923	NEW YORK CITY ONE-CALL	CONTRACT LOCATOR	NO	NO
20	LOCATING PRACTICES NOT SUFFICIENT			FACILITY MARKING OR
LOCATION NOT SUFFICIENT				

CORINNE

BYRNES PRINCIPAL PROGRAM MANAGER FEDERAL PROGRAMS
corinne.byrnes@nationalgrid.com 5169030596 12/15/2016 CORINNE
BYRNES PRINCIPAL PROGRAM MANAGER FEDERAL PROGRAMS 5169030596
corinne.byrnes@nationalgrid.com "DISPATCH AND SCHEDULE WAS NOTIFIED BY NY FIRE DEPT
THAT A 30" HP 15LB MAIN WAS DAMAGED BY THIRD PARTY CONTRACTOR, SOILTESTING INC.
PERFORMING TEST BORINGS FOR THE NY PARKS DEPT. CONTRACTOR BORED THROUGH THE TOP OF
THE 30" CI MAIN WITH 1 1/2" PILOT DRILL SUBSEQUENTLY CREATING THE RELEASE. UNDER
DIRECTION FROM GAS CONTROL, FIELD OPERATIONS AND I&R NEEDED TO CLOSE 3 VALVES TO
SHUT DOWN THE DISTRIBUTION PIPELINE. A 30" STYLE 50A FULL ENCIRCLEMENT SLEEVE WAS
INSTALLED TO REPAIR THE DAMAGED AREA OF MAIN. THE MAIN WAS INSTALLED UNDER EASEMENT
ON PRIVATE PROPERTY AND THE MARK OUT CONTRACTOR NEGLECTED TO MARK OUT THE AREA

INSIDE THE PRIVATE PROPERTY (BASKETBALL COURT). APPLICABLE INTERSECTION DRAWINGS															
WERE ACCURATE AND UP TO DATE. APPROX. 111 SERVICES SUPPLYING 839 CUSTOMERS HAVE															
BEEN AFFECTED. AS OF 11/30/2016 APPROX. 17 INDIVIDUAL CUSTOMER METERS ARE STILL															
OFFLINE; AND A BUILDING WITH MULTI-METER COOKING LOADS STILL OUT OF SERVICE."															
11/25/2016	2016	20160122	16441	ORIGINAL	31432	ALLIANT GAS									
600 E. LAS COLIAN BLVD.	STE. 2000	IRVING TX	75039	11/5/2016 20:11	201										
E ZURICH DR.	PAYSON GILA AZ	85541	34.246887	-111.321156											
1163392	11/5/2016 9:11	UNINTENTIONAL RELEASE OF GAS PROPANE GAS				32.2									
NO			0	YES	0	0									
0	1	1	YES	11/6/2016 1:30	11/7/2016 12:00	YES									
YES	8	11/5/2016 20:11	11/5/2016 20:30	NO	PRIVATE PROPERTY										
UNDERGROUND	UNDER PAVEMENT	48	NO												
	1974	1.5	ASTM D2513	INVESTOR OWNED	MAIN										
PLASTIC				DUPONT - ALDYL PIPE	1973										
		2406	LEAK	POLYETHYLENE (PE)	11										
			CRACK												
1000	301000	1	CLASS 3 LOCATION	250000	20000	30000	0								
EXCEED SAOP	NO	0	3	27	27.5	30	PRESSURE DID NOT								
RESPONDER							NOTIFICATION FROM EMERGENCY								
"NO, THE FACILITY WAS NOT MONITORED BY A															
CONTROLLER(S) AT THE TIME OF THE INCIDENT"															
NO															
NATURAL FORCE DAMAGE OTHER NATURAL FORCE DAMAGE															
OTHER NATURAL FORCE DAMAGE															
" , , , , , , , , , , TREE ROOT ENCROACHING ON ADLYE PIPE															
CAUSING IT TO FAIL" NO															

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227 NO 0 YES 10/30/2016 0:02 10/31/2016 1:30
 NO NO 12 10/29/2016 16:34 10/29/2016 17:34 NO
 UTILITY RIGHT-OF-WAY / EASEMENT UNDERGROUND UNDER SOIL 37 NO

INVESTOR OWNED MAIN 1987 4 UNKNOWN
 UNKNOWN STEEL LONGITUDINAL 0.237
 RUPTURE

CIRCUMFERENTIAL 10 0.2 CLASS 1 LOCATION 0 0
 59053 5000 MEALS AND HOTELS 1350 65403 212 0 94 285
 285 433 PRESSURE DID NOT EXCEED MAOP YES YES YES NO YES
 NOTIFICATION FROM PUBLIC "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) " NO
 BECAUSE THIS WAS A DAMAGED LINE BY UNKNOWN 3RD PARTY

NO
 NO EXCAVATION DAMAGE PREVIOUS DAMAGE DUE TO EXCAVATION
 ACTIVITY

PREVIOUS DAMAGE DUE TO EXCAVATION ACTIVITY 1/1/2013 NO
 NO YES PRIVATE

EASEMENT
 UNKNOWN/OTHER UNKNOWN/OTHER UNKNOWN/OTHER NO
 YES 25 PREVIOUS DAMAGE

GUY DAILEY OPERATIONS COMPLIANCE MANAGER
 gdailey@nisource.com (804)314-9390 11/21/2016 GUY DAILEY
 OPERATIONS COMPLIANCE MANAGER (804)314-9390 gdailey@nisource.com "PREVIOUS
 UNKNOWN DAMAGE BY UNKNOWN 3RD PARTY CAUSED GAS MAIN TO LEAK . WHILE CREW WAS
 INVESTIGATING SOURCE OF GAS LEAK, THE PIPE RUPTURED. FLOW OF GAS WAS SHUT OFF AT
 UPSTREAM STATION."

12/2/2016 2016 20160123 16471 SUPPLEMENTAL 20211 ATMOS ENERGY
 CORPORATION - KY/MID-STATES (MID-STATES) 5430 LBJ FREEWAY SUITE 1800
 DALLAS TX 75240 10/26/2016 9:30 1147 ECKERTON DR NOLENSVILLE
 WILLIAMSON TN 37135 35.94208 -86.65972 1162559 10/26/2016
 10:45 UNINTENTIONAL RELEASE OF GAS NATURAL GAS 68 NO

0 YES 10/26/2016 9:45 10/26/2016 18:00 YES NO
 0 10/26/2016 9:30 10/26/2016 9:30 NO PUBLIC PROPERTY UNDERGROUND
 EXPOSED DUE TO EXCAVATION 36 NO

2016 2 ASTM D2513 INVESTOR OWNED MAIN
 PERFORMANCE 2015
 PLASTIC POLYETHYLENE (PE) 11
 3408 LEAK CONNECTION FAILURE

10000 0 250 520250 CLASS 3 LOCATION 500000 10000
 PRESSURE DID NOT EXCEED MAOP NO 0 0 74 87 90 100
 "LOCAL

incident_gas_distribution_jan2010_present
 OPERATING PERSONNEL, INCLUDING CONTRACTORS" OPERATOR EMPLOYEE "NO,
 THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"
 NO YES 3 0 EQUIPMENT FAILURE
 OTHER EQUIPMENT FAILURE

FAILURE OTHER EQUIPMENT

"THE LEAK OCCURRED DURING THE ATTEMPTED INSTALLATION OF A 2½ X 3/4½ ELECTROFUSION TAP TEE ON TO A 2½ HDPE MAIN. ALL OF THE MATERIALS AND EQUIPMENT USED DURING THE ATTEMPTED INSTALLATION WERE DESTROYED BY FIRE, LEAVING NO EVIDENCE TO EXAMINE. THE ELECTROFUSION PROCESS PROVIDED HEAT THAT APPARENTLY COMPROMISED THE PIPE."

JACK M. SANDERS MGR. COMPLIANCE jack.sanders@atmosenergy.com 615 771-8387
 1/9/2017 JACK M. SANDERS MGR. COMPLIANCE 615 771-8387
 jack.sanders@atmosenergy.com "THE LEAK OCCURRED DURING THE ATTEMPTED
 INSTALLATION OF A 2½ X 3/4½ ELECTROFUSION TAP TEE ON TO A 2½ HDPE MAIN. ALL OF THE
 MATERIALS AND EQUIPMENT USED DURING THE ATTEMPTED INSTALLATION WERE DESTROYED BY
 FIRE, LEAVING NO EVIDENCE TO EXAMINE. THE ELECTROFUSION PROCESS PROVIDED HEAT THAT
 APPARENTLY COMPROMISED THE PIPE."
 11/21/2016 2016 20160120 16438 ORIGINAL FINAL 1640 BOSTON GAS
 CO 40 SYLVAN ROAD WALTHAM MA 02451 10/24/2016 7:54 SQUIRE RD AND ROUTE
 1 NORTH SIDE REVERE SUFFOLK MA 02151 42.4275728 -71.0235477
 1162502 10/25/2016 15:34 UNINTENTIONAL RELEASE OF GAS NATURAL GAS
 4672 NO 0 NO
 0 YES 10/24/2016 16:09 10/24/2016
 22:39 NO NO 0 10/23/2016 23:07 10/23/2016 23:23
 NO PUBLIC PROPERTY UNDERGROUND UNDER SOIL 32 NO
 INVESTOR
 OWNED 1952 12 UNKNOWN
 1952 STEEL UNKNOWN 0.375
 MECHANICAL PUNCTURE 2.3 2.5
 CLASS 3 LOCATION 0 33538 84786 0
 5716 124040 20 0 3571 93 95 100 PRESSURE DID
 NOT EXCEED MAOP YES YES YES NO YES OTHER LOCAL POLICE CALLED
 NATIONAL GRID CALL CENTER "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) "
 INCIDENT WAS NOT CAUSED BY ANY ACTIONS OF THE CONTROL ROOM OR CONTROLLER(S). IT WAS
 A THIRD PARTY DAMAGE.
 NO NO
 EXCAVATION DAMAGE EXCAVATION DAMAGE BY THIRD PARTY

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1/1/2016				EXCAVATION DAMAGE BY THIRD PARTY	
YES	STATE HIGHWAY		NO		YES
	CONTRACTOR	UNKNOWN/OTHER	UNKNOWN/OTHER	YES	20164103937 NA
CONTRACT LOCATOR		NO NO	YES 16	EXCAVATION PRACTICES NOT	
SUFFICIENT	WORKING OUTSIDE OF SCOPE OF WORK - BEYOND MARK OUT AREA.	CONTRACTOR			
WAS INSTALLING GUARDRAILS AND DROVE THE GUARDRAIL IN DIRECTLY OVER A NATURAL GAS					
DISTRIBUTION PIPELINE.			EXCAVATION PRACTICES NOT SUFFICIENT (OTHER)		

CORINNE BYRNES PRIN PROG MGR OPERATIONS
 CODES AND POLICY corinne.byrnese@nationalgrid.com 6317703549
 11/18/2016 CORINNE BYRNES PRINCIPAL PROGRAM MANAGER FEDERAL PROGRAMS
 6317703549 corinne.byrnese@nationalgrid.com "CMS DISPATCH WAS NOTIFIED BY REVERE
 POLICE ON 10/23 AT 23:07 THAT A PIPELINE DAMAGE OCCURRED. A CMS CREW WAS SENT OUT
 AND TO INVESTIGATE AT 23:23 AND CMS DISPATCH WAS NOTIFIED ON 10/23 AT 23:27 THAT A
 CONTRACTOR INSTALLING A GUARDRAIL STRUCK A 12" DIAMETER, 100 PSI NATURAL GAS
 DISTRIBUTION MAIN. MAIN WAS SHUT DOWN AT 16:09 ON 10/24 USING A MECHANICAL FITTING.
 A 60 PSI AND A 25 PSI REGULATOR STATION WERE SHUTDOWN AS WELL. PERMANENT REPAIRS
 TO 12" MAIN WERE COMPLETED ON 10/24 AT 21:37. IN TOTAL, 3000 HP AND 591 LP
 CUSTOMERS WERE OUT OF SERVICE (591 LP AND 23 HP SERVICES WERE OFF-LINE.) THE LAST
 CUSTOMER IMPACTED BY THIS OUTAGE WAS RESTORED ON 11/1/2016 AT 11:30."
 11/22/2016 2016 20160121 16440 ORIGINAL 792 ATLANTA GAS
 LIGHT CO 10 PEACHTREE PLACE NE ATLANTA GA 30309 10/24/2016 0:05 2124
 CHESHIRE BRIDGE ROAD ATLANTA FULTON GA 20324 33.812904 -84.354262
 1162352 10/24/2016 10:23 UNINTENTIONAL RELEASE OF GAS NATURAL GAS
 554.7 NO 0 YES 0 0
 0 0 1 1 YES 10/24/2016 4:52 10/24/2016 23:30
 YES NO 0 10/24/2016 0:35 10/24/2016 1:34 NO PUBLIC
 PROPERTY ABOVEGROUND OVERHEAD CROSSING YES YES
 CASED PRIVATELY
 OWNED MAIN 2009 4 ASTM D2513
 DRISCO PLEX UNKNOWN PLASTIC
 POLYETHYLENE (PE) 11.5 2406 OTHER
 ENCASED 4-INCH PLASTIC MAIN
 MELTED DUE TO EXTERNALLY APPLIED HEAT FROM AN UNCONTROLLED FIRE. CLASS 3
 LOCATION 0 41053 12782 0 1570 55405 27 1
 0 41 45 45 PRESSURE DID NOT EXCEED MAOP NO
 NOTIFICATION FROM EMERGENCY RESPONDER "NO, THE
 FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"
 NO NO OTHER OUTSIDE FORCE DAMAGE
 "NEARBY INDUSTRIAL, MAN-MADE, OR OTHER FIRE/EXPLOSION AS PRIMARY CAUSE OF INCIDENT"

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"NEARBY INDUSTRIAL, MAN-MADE, OR OTHER FIRE/EXPLOSION AS
PRIMARY CAUSE OF INCIDENT"

COMPLIANCE ENGINEER rmccollu@southernco.com (404) 584-3733 RALPH MCCOLLUM SR. (404) 584-4710
11/22/2016 RICHARD R LONN MANAGING DIRECTOR COMPLIANCE AND PRM (404)
584-3552 rlonn@southernco.com "A LEAK CALL WAS RECEIVED BY THE COMPANY'S
24/7 EMERGENCY CALL CENTER WHERE IT WAS IDENTIFIED THAT THE CITY OF ATLANTA'S FIRE
DEPARTMENT HAD PREVIOUSLY RESPONDED AND EXTINGUISHED AN OUT OF CONTROL FIRE
UNDERNEATH A BRIDGE ALONG CHESHIRE BRIDGE ROAD AT SOUTH FORK PEACHTREE CREEK. UPON
INVESTIGATION, IT WAS DETERMINED THAT A 4-INCH PE PLASTIC MAIN ONE-WAY FEED INSERTED
INTO A 16-INCH STEEL CASING FAILED DUE TO EXTERNALLY APPLIED HEAT FROM THE
UNCONTROLLED FIRE. THE FIRE CONSISTED OF BURNING MATTRESSES AND OTHER TYPES OF
FURNITURE ASSOCIATED WITH PEOPLE WHO WERE LIVING UNDERNEATH THE BRIDGE. IN
ADDITION, APPROXIMATELY 2 ½ HOURS AFTER GAS HAD BEEN SHUT OFF WHICH WAS AFTER THE
FIRE DEPARTMENT'S EMERGENCY RESPONDERS HAD DETERMINED THAT THE INCIDENT WAS SAFE
ENOUGH FOR THEM TO LEAVE, ONE PERSON WHO PREVIOUSLY WAS TOLD BY COMPANY CREWS TO
STAY AWAY FROM THE INCIDENT SCENE, ENTERED UNDERNEATH THE BRIDGE ON THE OPPOSITE
SIDE OF THE CREEK. THIS RESULTED IN A FLASH FIRE SPARKED FROM AN UNKNOWN FUEL AND
HEAT SOURCE WHERE THE INDIVIDUAL SUFFERED BURNS TO THE SKIN AND WAS TAKEN TO THE
HOSPITAL AND ADMITTED. THE FUEL AND HEAT SOURCE ARE STILL UNDER INVESTIGATION WHERE
THE CHEMICALS ASSOCIATED WITH "SMOKE GAS" CONSISTENT WITH THIS TYPE OF FIRE ARE
SUSPECT."

11/18/2016	2016	20160117	16435	ORIGINAL	2704	CONSOLIDATED
EDISON CO OF NEW YORK	4 IRVING PLACE	NEW YORK	NY	10003	10/20/2016	
2:15	605 WEST 141 STREET	NEW YORK	NEW YORK	NY	10031-6905	
40.8243619	-73.9528411	1162007	10/20/2016 6:56	UNINTENTIONAL RELEASE OF GAS		
NATURAL GAS	1	NO			0	
NO			0	NO	SECONDARY FIRE AT	
GAS METER IN APARTMENT #64				YES	NO	30
10/20/2016 2:15	10/20/2016 2:27	NO	PRIVATE PROPERTY		ABOVEGROUND	
INSIDE A BUILDING			NO			
			PRIVATELY OWNED		INSIDE	
METER/REGULATOR SET			2003			
OTHER	RUBBER GASKETS AND ALUMINUM METER					
				LEAK		
CONNECTION FAILURE					CLASS 4	
LOCATION	100000	50	312	0	4	100366
30	0.25	0.25	0.5	PRESSURE DID NOT EXCEED MAOP	NO	0
				NOTIFICATION FROM EMERGENCY RESPONDER		"NO, THE
FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"						
NO	NO			OTHER OUTSIDE FORCE DAMAGE		
"NEARBY INDUSTRIAL, MAN-MADE, OR OTHER FIRE/EXPLOSION AS PRIMARY CAUSE OF INCIDENT"						

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"NEARBY INDUSTRIAL, MAN-MADE, OR OTHER FIRE/EXPLOSION AS
PRIMARY CAUSE OF INCIDENT"

KEVIN FAGAN
fagank@coned.com
718-319-2310 718-904-4607 11/18/2016 NICHOLAS HELLEN DEPARTMENT
MANAGER-GAS EMERGENCY RESPONSE CENTER 718-319-2350 hellenn@coned.com "ON
OCTOBER 20, 2016 AT 02:15, NEW YORK CITY EMERGENCY MANAGEMENT REPORTED A FIRE ON THE
TOP FLOOR OF THE SIX STORY BUILDING AT THIS LOCATION TO CON EDISON'S GAS EMERGENCY
RESPONSE CENTER. CON EDISON GAS DISTRIBUTION SERVICES (GDS) AND ELECTRIC OPERATIONS
PERSONNEL WERE DISPATCHED AT 02:17, ARRIVED AT 02:27 AND INVESTIGATED. THE BUILDING
IS SUPPLIED BY A 3" LOW PRESSURE POLYETHYLENE SERVICE. AT 02:59, GDS REPORTED
THIRTY OCCUPANTS WERE EVACUATED PRIOR TO THEIR ARRIVAL. NEW YORK CITY FIRE
DEPARTMENT FIRE MARSHAL WILSON REPORTED THAT A SECONDARY GAS IGNITION OCCURRED IN
APARTMENT #64 AS A RESULT OF THE GAS METER GASKETS MELTING DUE TO THE PRIMARY FIRE,
WHICH WAS NOT GAS-RELATED. GAS METER #3410522 WAS LOCATED IN THE APARTMENT. DAMAGE
WAS GREATER THAN \$50,000 AND TWO FIRE FIGHTERS WERE TRANSPORTED VIA EMS TO AN
UNKNOWN HOSPITAL WITH WHAT WAS BELIEVED TO BE MINOR INJURIES. IT WAS UNKNOWN IF THE
INJURIES WERE RELATED TO THE BUILDING FIRE OR THE SECONDARY GAS IGNITION. GAS SUPPLY
WAS TURNED OFF AT THE METER CONTROL VALVE IN THE APARTMENT AS WELL AS AT A RISER
VALVE, WHICH ISOLATED COOKING GAS TO THIRTY OF SIXTY-FOUR TOTAL APARTMENTS IN THE
BUILDING AS WELL AS THE BOILER'S PILOT GAS SUPPLY. AT 05:00, THE EVACUATION WAS
TERMINATED. PRESSURE AND ODORANT READINGS WERE TAKEN AND WERE WITHIN THE ACCEPTABLE
RANGE. CON EDISON'S LAW AND PHOTOGRAPHIC DEPARTMENTS WERE NOTIFIED AND CHANNEL 4
NEWS AND OTHER MEDIA WERE ON LOCATION. THE US DOT, NYS PSC AND NYC DEP WERE
NOTIFIED."

11/18/2016	2016	20160118	16464	SUPPLEMENTAL	13840	NORTHWEST
NATURAL GAS CO	220 N.W. SECOND AVENUE	PORTLAND	OR	97209	10/19/2016	
9:38	500 NW 23RD AVE	PORTLAND	MULTNOMAH	OR	97210-3712	
45.526403	-122.698367	1161960	10/19/2016 11:30		UNINTENTIONAL	
RELEASE OF GAS	NATURAL GAS	52	NO			
0	YES	0	0	0	1	YES
10/19/2016 9:52	10/20/2016 17:42		YES	YES	50	10/19/2016
8:51	10/19/2016 9:10	NO	PUBLIC PROPERTY UNDERGROUND		EXPOSED DUE TO	
EXCAVATION	30	NO	INVESTOR OWNED	SERVICE		1985
1	UNKNOWN	UNKNOWN	STEEL			
0.133						OTHER
						EXCAVATION DAMAGE THAT
RESULTED IN THE SERVICE PIPE BEING PULLED OUT OF A MECHANICAL FITTING.	CLASS 3					
LOCATION	15000000	35000	85000	2100000	ESTIMATED AND ANTICIPATED	
PERSONAL INJURY DAMAGES/CLAIMS.	182	17220182	15	0	111	50
50	57	PRESSURE DID NOT EXCEED MAOP	NO			
NOTIFICATION FROM THIRD PARTY THAT CAUSED THE INCIDENT					"NO, THE	
FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"						
YES	5	0	NO		EXCAVATION DAMAGE	
EXCAVATION DAMAGE BY THIRD PARTY						

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YES	YES	EXCAVATION DAMAGE BY THIRD PARTY		NO	YES	CITY STREET
BACKHOE/TRACKHOE		UNKNOWN/OTHER	YES	16173103		CONTRACTOR
LOCATOR YES	YES	YES 32	OTHER	SEE PART H.		CONTRACT

COMPLIANCE jsk@nwnatural.com JOE KARNEY SENIOR MANAGER CODE 12/28/2016 JOE
 KARNEY SENIOR MANAGER CODE COMPLIANCE 503-226-4211 jsk@nwnatural.com "AT
 APPROXIMATELY 8:51AM ON OCTOBER 19, 2016 NW NATURAL RECEIVED NOTIFICATION OF DAMAGE
 TO A 1" SERVICE LINE AT NW 23RD AVENUE AND GLISAN STREET IN PORTLAND. THE SERVICE
 WAS DAMAGED BY LOY CLARK DURING THE COURSE OF THEIR EXCAVATION FOR A THIRD PARTY.
 THE NATURAL GAS IGNITED RESULTING IN THE LOSS OF A STRUCTURE AT 500/510 NW 23RD
 AVENUE. A NW NATURAL FIRST RESPONDER ARRIVED ON SITE AT 9:10AM. GAS WAS
 CONTROLLED AT 9:52AM BY CLOSING A 2-INCH VALVE LOCATED AT THE INTERSECTION OF NW
 22ND AVENUE AND NW GLISAN STREET. GAS SERVICE WAS INTERRUPTED TO 126 CUSTOMERS.
 ALL COSTS REPORTED IN PART D ARE PRELIMINARY ESTIMATES AND WILL BE UPDATED ON
 SUPPLEMENTAL REPORTS. ADDITIONAL INFORMATION FOR PART G3 (ADDED 12/28/16): ON
 JULY 12TH 2016, A LOCATE REQUEST FOR INSTALLING ELECTRIC PRIMARY AND SERVICE WAS
 CALLED IN BY LOY CLARK AND, WAS ACCURATELY MARKED BY LOCATING INC. FOR THE AREA
 WHERE LOY CLARK WAS EXCAVATING ON OCTOBER 19TH, 2016. LOCATE TICKET NUMBER
 16173103. ON SEPTEMBER 12TH, 2016, A LOCATE REQUEST FOR REPLACING TELEPHONE AND
 CABLE TV MAINLINE WAS CALLED IN BY LOY CLARK. THE LOCATE DESCRIPTION FOR THIS
 REQUEST WAS CLOSE TO, BUT DID NOT COVER, THE AREA WHERE LOY CLARK WAS EXCAVATING ON
 OCTOBER 19TH, 2016. LOCATE TICKET NUMBER 16229204. ON OCTOBER 19TH, 2016, DURING
 THE COURSE OF EXCAVATION ON PART OF THE SIDEWALK ON NW GLISAN WITHIN THE AREA
 COVERED BY THE JULY 12TH, 2016 LOCATE, AN EMPLOYEE WITH LOY CLARK PIPELINE HIT THE
 GAS SERVICE TO 500 NW 23RD WITH A BACK HOE CAUSING THE SERVICE LINE TO BE PULLED OUT
 OF AND SEPARATED FROM THE FITTING OF THE DRESSER VALVE. THE OPERATOR DID NOT EMPLOY
 HAND TOOLS OR OTHER NON-INVASIVE METHODS TO DETERMINE THE EXACT LOCATION OF THE
 UNDERGROUND SERVICE. THE SERVICE WAS CLEARLY MARKED ON BOTH SIDES OF THE
 EXCAVATION. LOY CLARK REPORTED THEY WERE PERFORMING COMMUNICATION WORK ON OCTOBER
 19TH, 2016. THE LOY CLARK EMPLOYEES WERE DIGGING OUTSIDE OF THE LOCATE AREA THAT
 HAD BEEN CALLED IN BY LOY CLARK FOR COMMUNICATIONS WORK (LOCATE TICKET NUMBER
 16229204)."

11/16/2016	2016	20160116	16434	ORIGINAL	18484	SOUTHERN
CALIFORNIA GAS CO		555 WEST FIFTH STREET	LOS ANGELES	CA		90013
10/17/2016 16:49		271 DESERT BREEZE DR	CALIFORNIA CITY	KERN		CA
93505 35.135089		-117.930806	1161810	10/17/2016 21:20		REASONS
OTHER THAN RELEASE OF GAS			0	NO		
	0	NO			0	NO
SERVICE VALVE WAS FOUND CLOSED AND LOCKED UPON ARRIVAL						NO
NO 0	10/17/2016 16:49	10/17/2016 17:23			NO	PRIVATE
PROPERTY	ABOVEGROUND	INSIDE A BUILDING				NO
						INVESTOR
OWNED	OUTSIDE METER/REGULATOR SET				1970	
	STEEL		UNKNOWN			UNKNOWN

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OTHER
A DIVERSION WAS FOUND AT 269 DESERT BREEZE
CONSISTING OF REMOVAL OF THE METER AND INSTALLATION OF A FLEX CONNECTOR FROM THE
REGULATOR TO THE HOUSELINE CLASS 3 LOCATION 100000 550 200 0
0 100750 0 0 2 55 55 60 PRESSURE DID
NOT EXCEED MAOP NO NOTIFICATION FROM EMERGENCY
RESPONDER "NO, THE FACILITY WAS NOT MONITORED BY A
CONTROLLER(S) AT THE TIME OF THE INCIDENT"
NO
NO OTHER OUTSIDE FORCE DAMAGE "NEARBY INDUSTRIAL,
MAN-MADE, OR OTHER FIRE/EXPLOSION AS PRIMARY CAUSE OF INCIDENT"

"NEARBY INDUSTRIAL, MAN-MADE, OR OTHER FIRE/EXPLOSION AS PRIMARY CAUSE OF INCIDENT"

KHOA LE PIPELINE SAFETY AND COMPLIANCE ADVISOR
kle2@semprautilities.com 626-893-4536 11/16/2016 KHOA LE
PIPELINE SAFETY AND COMPLIANCE ADVISOR 626-893-4536 kle2@semprautilities.com
"ON OCTOBER 17, 2016, A STRUCTURE FIRE OCCURRED AT 271 AND 269 DESERT BREEZE IN
CALIFORNIA CITY. THERE WERE NO INJURIES THAT RESULTED FROM THIS INCIDENT. AFTER
THE FIRES WERE CONTROLLED, A DIVERSION WAS FOUND AT 269 DESERT BREEZE CONSISTING OF
THE REMOVAL OF A GAS METER AND AN INSTALLATION OF A FLEX CONNECTOR FROM THE
REGULATOR TO THE HOUSE LINE. RESIDENCES AT 269 AND 271 ARE CURRENTLY UNINHABITABLE.
INVESTIGATION INTO THE INCIDENT IS STILL ONGOING. THIS INCIDENT WAS REPORTED
TO THE DOT AND CPUC DUE TO DAMAGES EXCEEDING \$50,000 AND THE TAMPERING OF A GAS
SERVICE. FOR ANY FURTHER QUESTIONS, CONTACT KHOA LE AT (626) 893-4536."
11/15/2016 2016 20160115 16433 ORIGINAL 2596 COLUMBIA GAS
OF OHIO INC 290 W NATIONWIDE BLVD COLUMBUS OH 43215 10/12/2016
14:53 2730 COLUMBUS AVE SPRINGFIELD CLARK OH 45503 39.936713
-83.76686999 1161404 10/12/2016 16:28 UNINTENTIONAL RELEASE OF GAS
NATURAL GAS 4147 NO 0
YES 0 1 0 0 1 NO THE PRESSURE WAS
LOWERED AND THE LINE WAS CAPPED AND THE LEAK STOPPED NO
NO 4 10/12/2016 14:53 10/12/2016 14:53 NO PUBLIC
PROPERTY UNDERGROUND EXPOSED DUE TO EXCAVATION 34 NO
INVESTOR OWNED MAIN UNKNOWN 8 UNKNOWN
UNKNOWN STEEL UNKNOWN 0.25
OTHER
A METALLIC STRAP BROKE THAT WAS RESTRAINING A UNRESTRAINED
MECHANICAL COUPLING CLASS 3 LOCATION 0 10000 27250 0
13187 50437 8 0 0 111 111 125 PRESSURE DID NOT
EXCEED MAOP YES YES YES YES YES "LOCAL OPERATING PERSONNEL,
INCLUDING CONTRACTORS" OPERATOR EMPLOYEE "NO, THE OPERATOR DID NOT

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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)
" SEE NARRATIVE IN SECTION H FOR EXPLANATION.

YES	1	0	MATERIAL FAILURE OF PIPE OR WELD	NO MECHANICAL FITTING
-----	---	---	----------------------------------	--------------------------

COUPLING STRAPS BROKE YES	YES	Dresser style 38	UNKNOWN 1960	MECHANICAL FITTING BOLTED TYPE FITTING STEEL RESTRAINT
---------------------------------	-----	------------------	--------------	--

DESIGN BUT HAD BEEN SECURED WITH STRAPS WELDED ACROSS THE JOINT THAT FAILED TO RESTRAIN THE PIPE.	YES	THE MECHANICAL COUPLING WAS A SEAL ONLY	OTHER UNKNOWN NO
---	-----	---	------------------

rrsmith@nisource.com 614-818-2110 ROB SMITH OPERATION COMPLIANCE MANAGER
614-818-2151 11/15/2016 ROB SMITH
OPERATION COMPLIANCE MANAGER 614-818-2110 rrsmith@nisource.com "NARRATIVE
FOR PART E-7: THE GAS CONTROLLER FIRST BECAME AWARE OF THE INCIDENT THROUGH A LOW
PRESSURE ALARM UPSTREAM OF THE EVENT AT 16:12 HOURS. IT WAS DETERMINED THAT GAS
CONTROL PERSONNEL WERE NOT A CONTRIBUTING FACTOR IN CAUSING OR CONTRIBUTING TO THE
INCIDENT. AS A RESULT OF INITIAL PHONE COMMUNICATION IT WAS DETERMINED THAT
DISCOVERY FOR GAS CONTROL OCCURRED AFTER FIELD OPERATIONS PERSONNEL WERE AWARE AND
RESPONDING. GAS CONTROL DOES NOT HAVE REMOTE CONTROL CAPABILITIES WITHIN THIS
MARKET. NARRATIVE FOR PART H: IN THE PROCESS OF STOPPING OFF A DEAD END SECTION OF
8-INCH COATED STEEL HIGH PRESSURE PIPE AN UNEXCAVATED MECHANICAL COUPLING UPSTREAM
OF THE WORK LOCATION PULLED APART. AS A RESULT OF THIS SEPARATION, TWO MEMBERS OF A
CONTRACTOR CREW SUSTAINED INJURIES. THE MECHANICAL COUPLING WAS A SEAL ONLY DESIGN
BUT HAD BEEN SECURED WITH STRAPS WELDED ACROSS THE JOINT THAT FAILED TO RESTRAIN THE
PIPE. THE COMPONENTS IN QUESTION HAVE BEEN SECURED FOR FURTHER ANALYSIS. AN
INVESTIGATION IS ONGOING AS TO THE CAUSE OF THIS INCIDENT. APPROPRIATE SUPPLEMENTAL
NOTIFICATIONS WILL BE MADE, AS REQUIRED, UNTIL A CONCLUSION ON THE FINAL CAUSE HAS
BEEN ASCERTAINED."

11/11/2016	2016	20160114	16432	ORIGINAL	13710	NORTHERN
ILLINOIS GAS CO "P.O. BOX 190, RT 59 & I-88 "				AURORA IL	60507	10/11/2016
19:33 91 STRAWFLOWER CT		ROMEOVILLE		WILL IL	60446	41.620039
-88.129629	1161337	10/11/2016 20:21		UNINTENTIONAL RELEASE OF GAS		0
NATURAL GAS	1	NO				
YES 1	0	0	0	1	YES	10/11/2016
17:40	YES	YES	YES	20	10/11/2016 19:33	10/11/2016
15:20 NO	PUBLIC PROPERTY	UNDERGROUND		UNDER PAVEMENT		UNKNOWN NO

INVESTOR OWNED	MAIN	1998	2	ASTM D2513
DRISCOPIPE	1997	PLASTIC		
POLYETHYLENE (PE)	11	2406	OTHER	

PUNCTURES EVERY COUPLE OF INCHES FOR SEVERAL FEET LONG ALONG THE LENGTH OF THE MAIN.	1	1	1	0	1	4	0
CLASS 3 LOCATION							

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0	8	56	57	60	PRESSURE DID NOT EXCEED MAOP	NO
OPERATOR EMPLOYEE			"LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"			
THE TIME OF THE INCIDENT"			"NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT			
			YES	12	0	YES 1
0	EXCAVATION DAMAGE		EXCAVATION DAMAGE BY THIRD PARTY			

		EXCAVATION DAMAGE BY THIRD	
PARTY	YES	YES	NO
YES	CITY STREET		
	CONTRACTOR	DIRECTIONAL DRILLING	TELECOMMUNICATIONS
2632375	"J.U.L.I.E. NOTE THAT JULIE TICKETS NUMBER ABOVE START WITH AN ""A"".		YES
SECOND AND THIRD TICKET IS A263335 AND A263391"		CONTRACT LOCATOR	
UNKNOWN/OTHER	UNKNOWN/OTHER	YES	OTHER STILL UNDER INVESTIGATION.

DIRECTOR COMPLIANCE AND QA lquezad@southernco.com 630-388-2316 LETICIA QUEZADA

11/9/2016 LETICIA QUEZADA DIRECTOR COMPLIANCE AND QA 630-388-2316

lquezad@southernco.com "INCIDENT ORIGINALLY REPORTED TO THE NRC AS 77 STRAWFLOWER. ACTUAL ADDRESS OF EXPLOSION IS 91 STRAWFLOWER CT. A THIRD PARTY EXCAVATOR WAS INSTALLING CONDUIT VIA DIRECTIONAL DRILLING. A MAIN WAS STRUCK MULTIPLE TIMES DURING THE PULLBACK. THE RELEASE OF GAS WAS SECURED PRIOR TO THE INCIDENT. SUBSEQUENTLY, THE EXPLOSION OCCURRED. INVESTIGATION IS ON GOING. THE \$1 AMOUNT IS A PLACEHOLDER UNTIL THE ACTUAL COSTS ARE FINALIZED, AT WHICH TIME A SUPPLEMENTAL REPORT WILL BE FILED."

11/7/2016	2016	20160113	16431	ORIGINAL	22189	PUGET SOUND
ENERGY	10885 NE 4TH ST	98004	BELLEVUE	WA	98009-0868	10/7/2016
0:34	1120 19TH AVENUE		SEATTLE KING	WA	98122	47.61221
-122.30719	1160965	10/7/2016 9:30	UNINTENTIONAL RELEASE OF GAS			NATURAL GAS
24.19	NO				0	NO
		0	YES		10/7/2016 3:11	YES
YES	NO	2	10/7/2016 0:34	10/7/2016 1:24	NO	PRIVATE PROPERTY
UNDERGROUND	UNDER SOIL		12	NO		
				INVESTOR OWNED		SERVICE
1997	0.625	ASTM D2513	UNKNOWN	UNKNOWN		PLASTIC
			POLYETHYLENE (PE)		0.09	
2406	LEAK		OTHER	STILL UNDER INVESTIGATION		
		CLASS 4	LOCATION	773000	5000	5000 0
243	783243	0	0	0	49.72	50 60
NOT EXCEED MAOP NO		PRESSURE DID				
RESPONDER		NOTIFICATION FROM EMERGENCY				
		"NO, THE FACILITY WAS NOT MONITORED BY A				
		CONTROLLER(S) AT THE TIME OF THE INCIDENT"				
		NO				
NO	OTHER INCIDENT CAUSE		UNKNOWN			

incident_gas_distribution_jan2010_present

UNKNOWN "STILL UNDER INVESTIGATION, CAUSE OF INCIDENT TO BE
DETERMINED* (*SUPPLEMENTAL REPORT REQUIRED)" LEE MAXWELL SR REGULATORY
ANALYST lee.maxwell@pse.com 425-462-3575 11/7/2016 CHERYL
MCGRATH MANAGER COMPLIANCE PROGRAM 425-462-3207 cheryl.mcgrath@pse.com "PSE
RESPONDED TO A REPORT OF A STRUCTURE FIRE AT 1120 19TH AVE, SEATTLE. UPON ARRIVAL,
PSE FIRST RESPONDERS DISCOVERED THAT THERE WAS GAS LEAKING OUT OF THE GROUND NEAR
THE RISER AND THAT THE RISER WAS ON FIRE. FIRST RESPONDERS WERE ABLE TO OBTAIN SHUT
DOWN BY SQUEEZING THE PE SERVICE. THE SERVICE WAS CUT AND CAPPED ON OCTOBER 7TH.
THE TOTAL COST OF THE RESPONSE AND REPAIR IS STILL BEING DETERMINED. THE CAUSE OF
THE INCIDENT IS STILL UNDER INVESTIGATION. A SUPPLEMENTAL REPORT WILL BE SUBMITTED
WHEN COST AND CAUSE INFORMATION BECOME AVAILABLE."
10/27/2016 2016 20160109 16429 SUPPLEMENTAL FINAL 18736
SUNRAY UTILITIES SYSTEM P.O. BOX 250 SUNRAY TX 79086 10/6/2016 14:53 6TH
STREET AND AVENUE K ALLEYWAY SUNRAY MOORE TX 79086 36.018809
-101.827624 1160949 10/6/2016 15:10 UNINTENTIONAL RELEASE OF GAS NATURAL GAS
7 NO 0 YES 3
0 0 0 0 3 YES 10/6/2016 16:30 10/7/2016
17:25 YES NO 12 10/6/2016 14:45 10/6/2016 14:45 NO
PUBLIC PROPERTY ABOVEGROUND IN OR SPANNING AN OPEN DITCH NO
MUNICIPALLY OWNED MAIN 1937 2
UNKNOWN UNKNOWN STEEL UNKNOWN OTHER UNKNOWN
ANNUAL GAS LOSS AUDIT. CLASS 3 OPERATORS WERE REPAIRING GRADE 3 LEAK DETECTED IN
20 10220 66 0 LOCATION 0 200 10000 0
EXCEED MAOP NO 668 24 24 60 PRESSURE DID NOT
INCLUDING CONTRACTORS" OPERATOR EMPLOYEE "LOCAL OPERATING PERSONNEL,
MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT" "NO, THE FACILITY WAS NOT
1 0 NO OTHER INCIDENT CAUSE MISCELLANEOUS YES

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MISCELLANEOUS Employee operators were repairing a grade 3 leak located on a 2 inch natural gas steel line that was under approximately 24 psig of pressure. This repair was an approximate 8 foot section where polyethylene replacement pipe was being joined with compression fittings. The line flash fired when the poly pipe was in place but not yet joined to the steel pipe.

ROBLEY D. ROACH CITY MANAGER rob.roach@cityofsunray.com 806-948-4111
806-948-4485 11/4/2016 ROBLEY D. ROACH CITY MANAGER 806-948-4111

rob.roach@cityofsunray.com "EMPLOYEE OPERATORS WERE REPAIRING A GRADE 3 LEAK LOCATED ON A 2 INCH NATURAL GAS STEEL LINE THAT WAS UNDER APPROXIMATELY 24 PSIG OF PRESSURE. THIS REPAIR WAS AN APPROXIMATE 8 FOOT SECTION WHERE POLYETHYLENE REPLACEMENT PIPE WAS BEING JOINED WITH COMPRESSION FITTINGS. THE LINE FLASH FIRED WHEN THE POLY PIPE WAS IN PLACE BUT NOT YET JOINED TO THE STEEL PIPE. WHEN THE FLASH FIRE OCCURRED THERE WERE THREE EMPLOYEE OPERATORS IN THE EXPOSED EXCAVATION THAT WERE BURNED. ALL THREE WORKERS WERE TRANSPORTED FOR INPATIENT HOSPITALIZATION TREATMENT AT A REGIONAL BURN CENTER VIA AIR AMBULANCES. THE TEXAS STATE FIRE MARSHALL AND REGIONAL REPRESENTATIVE FROM THE TEXAS RAILROAD COMMISSION WERE CALLED TO THE SCENE. PRELIMINARY INVESTIGATION INDICATES THE POSSIBLE IGNITION SOURCE OF THE NATURAL GAS TO BE STATIC ELECTRICITY. MOVING FORWARD THE OPERATOR PLANS TO REDUCE THE RISKS OF THIS TYPE OF EVENT FROM HAPPENING IN THE FUTURE BY: 1) PURCHASING AND UTILIZING LINE STOPPING EQUIPMENT. 2) PURCHASING AND UTILIZING FIRE RESISTANT CLOTHING DURING REPAIRS. 3) HAVING A SAFETY OFFICER PRESENT AT GAS LINE REPAIRS TO ENSURE THE SCENE, OPERATIONS, AND PROCEDURES ARE BEING FOLLOWED IN AN EFFORT TO MITIGATE RISKS FOR BOTH WORKERS AND CUSTOMERS."

11/3/2016 2016 20160112 16427 ORIGINAL 2568 "COLORADO SPRINGS, CITY OF" PO BOX 1103 COLORADO SPRINGS CO 80947
10/3/2016 9:48 207 W ROCKRIMMON BLVD COLORADO SPRINGS EL PASO CO
80919 38.927672 -104.830791 1160670 10/3/2016 23:34 UNINTENTIONAL
RELEASE OF GAS NATURAL GAS 42.17 NO

0 NO 0 YES
10/3/2016 11:14 10/4/2016 12:17 YES YES 36 10/3/2016 10:05
10/3/2016 10:38 NO PRIVATE PROPERTY UNDERGROUND UNDER PAVEMENT
32 NO

MUNICIPALLY OWNED SERVICE 1978 1.25

UNKNOWN UNKNOWN PLASTIC UNKNOWN MECHANICAL PUNCTURE 1.3
UNKNOWN CLASS 3 LOCATION

0.1 0 59252 0 "COST FOR 2A, 2B, AND 2D IS UNKNOWN" 9
59261 8 0 0 33 33 34 PRESSURE DID NOT EXCEED MAOP
NO NOTIFICATION FROM EMERGENCY RESPONDER

"NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"

OTHER INCIDENT CAUSE MISCELLANEOUS NO

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MISCELLANEOUS "As of November 3, 2016 the incident appears to be the result of the installation of a fence post in proximity of the gas line." JESSICA
 NESVOLD SR. REGULATORY COMPLIANCE ENGINEER jnesvold@csu.org 719-668-3582
 11/3/2016 JOE AWAD GENERAL MANAGER ENERGY CONSTRUCTION
 MAINTENANCE 719-668-3504 jawad@csu.org THE NUMBER OF EVACUEES CANNOT BE
 ESTIMATED BECAUSE WE DO NOT KNOW HOW MANY PEOPLE WERE IN THE BUILDINGS THAT WERE
 EVACUATED. WE DO KNOW THAT 36 BUSINESS WERE EVACUATED FROM THE SCENE.
 10/26/2016 2016 20160108 16417 ORIGINAL FINAL 18536 SOUTHWEST
 GAS CORP 5241 SPRING MOUNTAIN ROAD LAS VEGAS NV 89150
 9/27/2016 23:09 ON CHEYENNE AVE (NV-574) NEAR REVERE ST NORTH LAS VEGAS CLARK COUNTY
 NV 89030 36.21789 -115.15418 1160185 9/28/2016 2:24
 UNINTENTIONAL RELEASE OF GAS NATURAL GAS 219 NO
 0 NO 0
 YES 9/28/2016 1:57 9/29/2016 14:00 NO NO 0
 9/27/2016 23:09 9/27/2016 23:09 NO PUBLIC PROPERTY UNDERGROUND UNDER
 PAVEMENT 108 NO
 INVESTOR OWNED MAIN 2010
 6 API 5L UNKNOWN UNKNOWN STEEL ELECTRIC
 RESISTANCE WELDED (ERW) 0.188
 MECHANICAL PUNCTURE 0.5 0.5
 CLASS 3 LOCATION 0 1668 35939 19000 PAVING COSTS
 548 57155 4 2 0 268 268 300 PRESSURE DID NOT
 EXCEED MAOP YES YES YES NO NO "LOCAL OPERATING PERSONNEL,
 INCLUDING CONTRACTORS" CONTRACTOR WORKING FOR THE OPERATOR "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) " THE GAS LINE WAS DAMAGED BY A THIRD PARTY CONTRACTOR
 PERFORMING DRILLING ACTIVITY. DAMAGE WAS REPORTED BY A SOUTHWEST GAS CONTRACT
 EMPLOYEE THAT WAS ONSITE PERFORMING HIGH PRESSURE STANDBY ACTIVITY.
 YES
 1 0 YES 5 0 EXCAVATION DAMAGE EXCAVATION DAMAGE BY
 THIRD PARTY
 EXCAVATION DAMAGE BY THIRD PARTY YES YES
 NO YES STATE HIGHWAY
 CONTRACTOR
 YES 625301508 CONTRACT LOCATOR DRILLING ROAD WORK
 YES NO YES 36
 LOCATING PRACTICES NOT SUFFICIENT INCORRECT FACILITY
 RECORDS/MAPS

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ENGINEERING TECHNICIAN alyse.baker@swgas.com 702-365-2077 ALYSE BAKER 702-369-0542
 10/26/2016 THOMAS CARDIN DIRECTOR GAS OPERATIONS 702-365-2028
 thomas.cardin@swgas.com "URETEK USA CREWS WERE DRILLING TO INJECT POLYMER FOR SOIL
 STABILIZATION AND PAVEMENT LIFTING FOR NEVADA DEPARTMENT OF TRANSPORTATION (NDOT)
 WHEN THEY HIT A 6-INCH STEEL HIGH PRESSURE DISTRIBUTION GAS LINE. PART G3, 14:
 THE DIMENSIONS SHOWN ON THE COMPANY'S AS-BUILT DOCUMENTATION AND MAPPING RECORDS DID
 NOT ACCURATELY DEPICT THE LOCATION OF THE EXISTING 6-INCH STEEL GAS MAIN THAT WAS
 DAMAGED. THE 6-INCH STEEL GAS MAIN WAS NOT LOCATED ACCURATELY PER NEVADA REVISED
 STATUTE 455. THE COMPANY'S LINE LOCATE PERSONNEL FAILED TO FOLLOW ESTABLISHED
 PROCEDURES TO POTHOLE A GAS FACILITY WHEN ENCOUNTERING A DISCREPANCY BETWEEN THE
 ELECTRONIC LINE LOCATE EQUIPMENT SIGNAL AND MAPPING DOCUMENTATION."
 10/25/2016 2016 20160107 16416 ORIGINAL 2704 CONSOLIDATED
 EDISON CO OF NEW YORK 4 IRVING PLACE NEW YORK NY 10003 9/27/2016
 7:32 300 WEST 234 STREET NEW YORK BRONX NY 10463-3703
 40.883197 -73.905976 1160072 9/27/2016 7:46 UNINTENTIONAL RELEASE OF GAS
 NATURAL GAS 1 YES 0 0 1 0 0 1
 NO 0 YES 9/27/2016
 8:23 10/3/2016 17:47 YES YES 1 9/27/2016 7:32 9/27/2016
 7:14 NO PRIVATE PROPERTY ABOVEGROUND INSIDE A BUILDING
 NO
 PRIVATELY OWNED OTHER UNDER INVESTIGATION BY NYPD/OTHER LAW
 ENFORCEMENT AGENCIES UNKNOWN
 UNKNOWN
 OTHER
 UNDER INVESTIGATION BY NYPD AND OTHER LAW ENFORCEMENT AGENCIES CLASS 4 LOCATION
 1000000 651 14868 0 4 1015523 0 0 9 58
 58 91 PRESSURE DID NOT EXCEED MAOP NO
 NOTIFICATION FROM PUBLIC "NO, THE FACILITY WAS NOT MONITORED
 BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"
 YES 7 0
 NO OTHER INCIDENT CAUSE UNKNOWN

UNKNOWN "STILL UNDER INVESTIGATION, CAUSE OF INCIDENT TO BE
 DETERMINED* (*SUPPLEMENTAL REPORT REQUIRED)" KEVIN FAGAN OPERATIONS MANAGER -
 GAS EMERGENCY RESPONSE CENTER fagank@coned.com (718) 319-2310 (718)
 904-4607 10/25/2016 NICKOLAS HELLEN DEPARTMENT MANAGER - GAS EMERGENCY
 RESPONSE CENTER (718) 319-2310 hellenn@coned.com "ON SEPTEMBER 27, 2016, AT
 06:36, CON EDISON'S GAS EMERGENCY RESPONSE CENTER (GERC) RECEIVED A REPORT FROM ITS

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CUSTOMER OPERATIONS CALL CENTER THAT A MEMBER OF THE PUBLIC HAD CALLED IN A STRONG OUTSIDE GAS ODOR ON TIBBETT AVENUE BETWEEN WEST 234TH AND WEST 236TH STREETS IN THE BRONX. AT 06:37, A DISPATCHER WITH THE FIRE DEPARTMENT OF THE CITY OF NEW YORK (FDNY) CALLED CON EDISON'S GERC AND REPORTED THAT THE FDNY WAS ON LOCATION FOR AN OUTSIDE GAS ODOR IN THE AREA OF A PRIVATE HOUSE LOCATED AT 300 WEST 234TH STREET. CON EDISON'S GERC DISPATCHED A LEAK SURVEY MECHANIC TO THE LOCATION AT 06:39. AT 06:45, THE FDNY REPORTED EVACUATING THE PRIVATE HOUSE AT 300 WEST 234TH STREET BECAUSE OF THE GAS ODOR. A MULTIPLE RESOURCE RESPONSE EVENT (CODE MURRE) WAS THEN INITIATED BY CON EDISON AND ADDITIONAL PERSONNEL - A SUPERVISOR AND MECHANIC FROM CON EDISON'S GAS DISTRIBUTION SERVICES (GDS) DEPARTMENT - WERE DISPATCHED TO THE LOCATION BY THE GERC. THE GERC THEN CALLED THE FDNY TO PROVIDE INFORMATION CONCERNING THE LOCATION OF THE CURB VALVE, AT WHICH TIME THE FDNY REPORTED THAT IT HAD ALREADY CLOSED THE CURB VALVE ON THE GAS SERVICE LINE SUPPLYING 300 WEST 234TH STREET. A FIELD OPERATIONS PLANNER WITH CON EDISON'S GAS EMERGENCY RESPONSE GROUP (ERG) WAS DISPATCHED AT 07:05. AT 07:08, THE FDNY REPORTED THAT IT HAD REQUESTED ASSISTANCE FROM THE NEW YORK CITY POLICE DEPARTMENT (NYPD) BECAUSE OF A POSSIBLE DRUG LAB AT THE LOCATION. CON EDISON'S LEAK SURVEY MECHANIC ARRIVED AT 07:14. HE ENTERED THE BASEMENT OF 304 WEST 234TH STREET AND, USING A GAS MEASUREMENT INSTRUMENT, DETECTED NO GAS-IN-AIR IN THE AREA OF THE GAS SERVICE POINT OF ENTRY. THE LEAK SURVEY MECHANIC THEN ENTERED THE BASEMENT OF 300 WEST 234TH STREET AND, USING A GAS MEASUREMENT INSTRUMENT, DETECTED NO GAS-IN-AIR IN THE AREA OF THE GAS SERVICE POINT OF ENTRY. THE GDS MECHANIC AND GDS SUPERVISOR ARRIVED AT 07:26 AND 07:28, RESPECTIVELY. TOGETHER WITH THE LEAK SURVEY MECHANIC, THEY ENTERED THE BASEMENT OF 300 WEST 234TH STREET TO INVESTIGATE AND VERIFY SHUTDOWN OF THE GAS SERVICE. WHEN THE CON EDISON ERG FIELD OPERATIONS PLANNER ARRIVED AT 07:31, HE JOINED THE OTHER CON EDISON RESPONDERS IN THE BASEMENT OF THE BUILDING. MOMENTS LATER, AT 07:32, THE GDS SUPERVISOR AND ERG FIELD OPERATIONS PLANNER REPORTED THAT AN EXPLOSION OCCURRED ON THE SECOND FLOOR OF THE BUILDING AND THAT ALL CON EDISON EMPLOYEES WERE ACCOUNTED FOR. TWO OF THE FOUR CON EDISON EMPLOYEES IN THE BASEMENT AT THE TIME OF THE EXPLOSION SUSTAINED MINOR INJURIES. AT THE SUGGESTION OF EMS, ALL FOUR CON EDISON EMPLOYEES WERE TRANSPORTED TO MONTEFIORE MEDICAL CENTER FOR EVALUATION. THE AREA IS SUPPLIED BY A 4-INCH HIGH-PRESSURE POLYETHYLENE (HPPE) GAS MAIN, WITH A 1-INCH HPPE BRANCH SERVICE SUPPLYING 300 AND 304 WEST 234TH STREET. FOUR MAIN VALVES WERE CLOSED TO ISOLATE GAS SUPPLY TO THE AREA, WHICH INTERRUPTED GAS SERVICE TO NINE RESIDENTIAL CUSTOMERS. A RECENT LEAK SURVEY OF THE AREA, CONDUCTED A WEEK PRIOR TO THIS INCIDENT ON SEPTEMBER 20, 2016, FOUND NO LEAKS. ODORANT LEVELS AND DISTRIBUTION SYSTEM PRESSURE SUPPLYING THE AREA WERE CHECKED AFTER THE INCIDENT AND FOUND TO BE WITHIN ACCEPTABLE RANGES. MULTIPLE MEDIA OUTLETS WERE ON LOCATION. A FDNY BATTALION CHIEF WAS STRUCK AND KILLED BY DEBRIS PROPELLED BY THE EXPLOSION. INJURIES TO THE PUBLIC, THE NYPD, AND OTHER FDNY PERSONNEL WERE REPORTED. THE NYPD ISOLATED THE AREA AS A CRIME SCENE. MULTIPLE MUNICIPAL AGENCIES WERE ON LOCATION, INCLUDING FDNY, NYPD, NYSDPS, NYCOEM, NYCDOB, NYCDEP, ATF, DEA, AND DHS. NYSPSC, NYCDEP, AND USDOT WERE NOTIFIED. NYSPSC SURESH THOMAS WAS NOTIFIED AND RESPONDED TO LOCATION."

10/24/2016	2016	20160106	16504	SUPPLEMENTAL FINAL	1800
KEYSPAN ENERGY DELIVERY - NY CITY			40 SYLVAN RD.	WALTHAM MA	02451
9/26/2016 15:30	840 FULTON STREET		BROOKLYN	KINGS NY	11238
40.683633	-70.967664	1160030	9/26/2016 15:50	UNINTENTIONAL RELEASE OF GAS	
NATURAL GAS		364.4	NO		0
NO				0	YES
17:00	10/4/2016 11:30	NO	NO	0	9/26/2016 12:21
12:28	NO	PUBLIC PROPERTY	UNDERGROUND	UNDER SOIL	9/26/2016
INVESTOR OWNED		MAIN		1991	8.625
UNKNOWN	STEEL		UNKNOWN		UNKNOWN
		MECHANICAL	PUNCTURE	6	6
			CLASS 4 LOCATION		0
93471	785	PERMIT FEES	2395	101508	16
0.43		PRESSURE DID NOT EXCEED MAOP	NO		
				8	0
					4857
					0.27
					0.25

NOTIFICATION FROM EMERGENCY RESPONDER "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)"

THE INCIDENT WAS NOT THE RESULT OF ANY OPERATION THAT THE CONTROL ROOM CAN

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DETECT UNDER PRESENT OPERATING CONDITIONS OR ALARMS.

NO EXCAVATION DAMAGE PREVIOUS DAMAGE DUE TO EXCAVATION
ACTIVITY

PREVIOUS DAMAGE DUE TO EXCAVATION ACTIVITY 01/01/0003 NO
NO YES CITY STREET
CONTRACTOR DRILLING
BUILDING CONSTRUCTION NO YES 180
ONE-CALL NOTIFICATION PRACTICES NOT SUFFICIENT NO NOTIFICATION MADE TO THE
ONE-CALL CENTER

CORINNE

BYRNES PRIN PROG MGR OPERATIONS CODES AND POLICY
corinne.byrnes@nationalgrid.com 6317703549 2/28/2017 CORINNE
BYRNES PRINCIPAL PROGRAM MANAGER FEDERAL PROGRAM 6317703549
corinne.byrnes@nationalgrid.com "THIRD PARTY CONTRACTOR (TITAN REALTY AND
CONSTRUCTION) DRILLED A 6" ROUND BORE HOLE THROUGH AN 8" LOW PRESSURE STEEL MAIN
INFILTRATING THE MAIN WITH COOLANT WATER AND RESULTING IN POOR PRESSURES IN THE
AREA. NO NOTIFICATION TO ONE-CALL CENTER HAD BEEN MADE BY EXCAVATOR. NATIONAL GRID
BECAME AWARE OF THE DAMAGE THROUGH NO OR LOW PRESSURE CALLS. BOTH CUSTOMER METER
SERVICES AND FIELD OPERATIONS ARRIVED ON SITE. THE AFFECTED SECTION OF MAIN WAS
ISOLATED AND SECURED. NO INJURIES REPORTED. A TOTAL OF 24 COMMERCIAL/INDUSTRIAL
SERVICES (63 METERS) WERE IMPACTED BY THIS EVENT. ALL WERE RESTORED NO LATER THAN
OCTOBER 4 AT 11:30 AM. **SUPPLEMENTAL REPORT ISSUED ON 2/28/2017 TO REVISE APPARENT
CAUSE FROM G4 OTHER OUTSIDE FORCE DAMAGE TO G3 EXCAVATION DAMAGE DUE TO THIRD PARTY
DRILLING ACTIVITY."

10/14/2016 2016 20160104 16411 ORIGINAL 31159 "KANSAS GAS
SERVICE COMPANY, A DIVISION OF ONE GAS, INC." 7421 W 129TH OVERLAND PARK KS
66213 9/26/2016 11:35 9TH STREET AND MAGNOLIA SALINA SALINE KS 67401
38.79811 -97.61291 1161573 10/14/2016 14:50 UNINTENTIONAL

RELEASE OF GAS NATURAL GAS 512 NO 0 NO HAD
0 NO

ADDITION SUPPLY FEEDS NO NO 50 9/26/2016
11:35 9/26/2016 11:45 NO PUBLIC PROPERTY UNDERGROUND UNDER PAVEMENT
144 YES

INVESTOR OWNED MAIN 1971 4 ASTM D2513
UNKNOWN UNKNOWN STEEL UNKNOWN 0.188

MECHANICAL PUNCTURE 2 2
CLASS 3 LOCATION

10000 100000 22000 0 2000 134000 5 0 0 25
25 35 PRESSURE DID NOT EXCEED MAOP NO

NOTIFICATION FROM EMERGENCY RESPONDER "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)

" THIS SECTION OF PIPE NOT REGULATED BY A CONTROL ROOM

NO EXCAVATION DAMAGE EXCAVATION DAMAGE BY THIRD
NO

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PARTY

EXCAVATION DAMAGE BY THIRD PARTY YES YES CITY STREET CONTRACTOR BORING TELECOMMUNICATIONS EXCAVATION PRACTICES EXCAVATION PRACTICES NOT SUFFICIENT (OTHER)

randy.spector@onegas.com (913)530-3219 RANDY SPECTOR DIRECTOR OF ENGINEERING 10/14/2016 RANDY
 SPECTOR DIRECTOR OF ENGINEERING (913) 530-3219 randy.spector@onegas.com "ON
 9/26/16 KEMP CONSTRUCTION, A CONTRACTOR FOR AT&T WAS PERFORMING A 2 INCH BORE FOR
 FIBER OPTIC WHEN THEY STRUCK A 4 INCH STEEL KANSAS GAS DISTRIBUTION MAIN PIPELINE.
 KEMP DID NOT HAVE VALID LOCATES FOR THIS AREA AT THE TIME OF THE INCIDENT. ON
 10/13/16, KGS RECEIVED AN INVOICE FROM THE CONTRACTOR THAT PERFORMED THE REPAIR WORK
 IN EXCESS OF THE \$50,000 THRESHOLD."
 10/14/2016 2016 20160105 16412 ORIGINAL 15348 PEOPLES GAS
 SYSTEM INC PO BOX 2562 TAMPA FL 33601 9/15/2016 21:00 IMPERIAL
 PARKWAY & MEADOWS LANE BONITA SPRINGS LEE COUNTY FL 34135 26.325352
 -81.762512 1159133 9/16/2016 9:27 UNINTENTIONAL RELEASE OF GAS NATURAL GAS
 310.6 NO 0 NO SYSTEM WAS ABLE TO REMAIN ONLINE YES NO 2
 WHILE A BYPASS LINE WAS INSTALLED 9/15/2016 21:07 9/15/2016 21:45 NO PUBLIC PROPERTY UNDERGROUND UNDER SOIL
 120 NO INVESTOR OWNED MAIN 2000 6 ASTM
 D2513 DRISCOPIPE UNKNOWN 11 PLASTIC 2306
 POLYETHYLENE (PE)
 MECHANICAL PUNCTURE 1.3 1.3 24000 30000 0 2528
 CLASS 3 LOCATION 60000 30 60 PRESSURE DID NOT EXCEED MAOP
 116528 0 0 0 30 30 60 NOTIFICATION FROM EMERGENCY RESPONDER
 NO "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) " DAMAGE WAS CAUSED BY A THIRD PARTY EXCAVATOR
 NO NO EXCAVATION DAMAGE
 EXCAVATION DAMAGE BY THIRD PARTY

EXCAVATION DAMAGE BY THIRD PARTY YES YES YES NO CONTRACTOR AUGER POLE
 YES 256603621 UTILITY OWNER YES YES
 YES

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FAILURE TO VERIFY

WITECKI GAS COMPLIANCE MANAGER - REGULATORY AFFAIRS mgwitecki@tecoenergy.com
813-228-4465 813-228-1770 10/14/2016 LUKE BUZARD DIRECTOR OF PIPELINE
SAFETY AND OPERATIONAL SVCS. 813-228-4733 labuzard@tecoenergy.com "AT 21:07 ON
SEPTEMBER 15, 2016, THE PEOPLES GAS SYSTEM (PGS) CALL CENTER RECEIVED A REPORT OF A
DAMAGED PIPELINE NEAR IMPERIAL PARKWAY AND MEADOWS LANE IN BONITA SPRINGS, FLORIDA.
PGS CONTACTED THE THIRD-PARTY CONTRACTOR WORKING IN THE AREA - PIKE ELECTRIC - AND
CONFIRMED BOTH THAT PIKE ELECTRIC EXCAVATED INTO THE PIPELINE, AND THAT THE PIPELINE
WAS LEAKING. A PGS TECHNICIAN WAS DISPATCHED TO THE SCENE AND WHILE IN ROUTE, HE
RECEIVED A FOLLOW-UP TELEPHONE CALL FROM PIKE ELECTRIC, WHICH INFORMED HIM THAT
ESCAPING NATURAL GAS FROM THE PIPELINE HAD IGNITED. PGS DISPATCHED THE REPAIR
CONTRACTOR. THE DAMAGED LINE WAS A 6-INCH NATURAL GAS PLASTIC MAIN THAT PROVIDED
SERVICE TO APPROXIMATELY 1000 HOMES. THE GAS PIPELINE WAS VERIFIED TO HAVE
SUFFICIENT PRESSURE TO PREVENT AN INTERRUPTION TO THE DOWNSTREAM CUSTOMERS DURING
THE LEAK. THE BONITA SPRINGS FIRE DEPARTMENT WAS ABLE TO CONTAIN THE FIRE FROM
SPREADING, AND PREVENT FURTHER DAMAGE. THE ASSISTANT FIRE CHIEF CONFIRMED THAT THE
FIRE DEPARTMENT COULD CONTROL THE FIRE WHILE PGS WORKED TO INSTALL A BYPASS LINE (A
BYPASS LINE WAS INSTALLED TO PREVENT AN INTERRUPTION OF SERVICE TO THE DOWNSTREAM
CUSTOMERS WHEN THE GAS MAIN WAS SQUEEZED OFF). THE BYPASS LINE WAS PLACED IN
SERVICE AT APPROXIMATELY 03:00 ON SEPTEMBER 16, 2016. AFTER THIS INSTALLATION, GAS
SERVICE TO THE DOWNSTREAM CUSTOMERS WAS THEN BEING SUPPLIED VIA A COMPRESSED NATURAL
GAS TRAILER. THE DAMAGED GAS MAIN WAS SQUEEZED OFF, THE FIRE WAS EXTINGUISHED, AND
THE SITE WAS ""MADE SAFE"" AT APPROXIMATELY 03:30 ON SEPTEMBER 16, 2016. PIKE
ELECTRIC WAS CONTRACTED BY FLORIDA POWER & LIGHT COMPANY TO EXCAVATE HOLES USING AN
AUGER, IN ORDER TO INSTALL NEW POWER POLES. PIKE ELECTRIC NOTIFIED SUNSHINE 811 OF
THE PLANNED EXCAVATIONS. PGS RECEIVED THE SUNSHINE 811 NOTIFICATIONS, AND MARKED
THE PIPELINE VIA A SPRAY PAINT OFFSET INDICATION AND YELLOW FLAGS, AS REQUIRED. THE
PIPELINE WAS UNDETECTABLE USING THE TRACER WIRE, SO PGS USED MAPS TO DETERMINE THE
LOCATION OF THE PIPELINE. THE PIPELINE MARKINGS WERE VERIFIED AS ACCURATE. THE
MAJORITY OF THE PROPERTY DAMAGE WAS TO PIKE ELECTRIC'S TRUCK-MOUNTED AUGER
EQUIPMENT. THE ESTIMATED COST OF THE PROPERTY DAMAGE, CONTAINED IN PART D 2A OF
THIS REPORT, REFLECTS THE PUBLICLY-AVAILABLE COST OF SIMILAR AUGER EQUIPMENT THAT IS
CURRENTLY FOR SALE."

INVESTOR OWNED		MAIN	1979	3	D2513				
DUPONT UNKNOWN		PLASTIC				POLYETHYLENE			
(PE)	11		2306		MECHANICAL PUNCTURE	3.5			
1					CLASS 3 LOCATION				
80000	15512	1000	0	1400	97912	35	0	0	28
28	60	PRESSURE DID NOT EXCEED MAOP NO							
NOTIFICATION FROM THIRD PARTY THAT CAUSED THE INCIDENT							"NO, THE		

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FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"

NO NO EXCAVATION DAMAGE
EXCAVATION DAMAGE BY THIRD PARTY

NO EXCAVATION DAMAGE BY THIRD PARTY YES YES
PRIVATE EASEMENT
CONTRACTOR AUGER ELECTRIC NO CONTRACT LOCATOR
YES 16 ONE-CALL NOTIFICATION PRACTICES NOT SUFFICIENT
NO NOTIFICATION MADE TO THE ONE-CALL CENTER

LUKE E. SELKING MANAGER PIPELINE SAFETY AND COMPLIANCE
leselking@nsource.com 260-433-6115 12/19/2016 LUKE E. SELKING
MANAGER PIPELINE SAFETY AND COMPLIANCE 260-433-6115 leselking@nsource.com
"DAMAGE OCCURRED TO A 3" PLASTIC GAS MAIN BY A TRUCK MOUNTED AUGER PERFORMING AN
ELECTRIC POLE INSTALLATION. THE GAS WAS BLOWING FOR APPROXIMATELY 1 HOUR WHEN IT
IGNITED WITHOUT WARNING. NO CAUSE FOR IGNITION HAS BEEN DETERMINED. ALL PERSONNEL
WERE CLEAR, NO ONE WAS INJURED."
10/5/2016 2016 20160101 16403 ORIGINAL 792 ATLANTA GAS
LIGHT CO 10 PEACHTREE PLACE NE ATLANTA GA 30309 9/2/2016 20:58 2113
FRIENDSHIP ROAD BUFORD HALL GA 30519 34.107492 -83.878376
1158091 9/3/2016 20:14 UNINTENTIONAL RELEASE OF GAS NATURAL GAS 7300
NO 0 YES 9/3/2016 5:00 9/3/2016 23:00 NO
NO 2 9/2/2016 20:58 9/2/2016 21:39 NO PUBLIC PROPERTY UNDERGROUND
UNDER SOIL 108 NO PRIVATELY OWNED OTHER 6-INCH POSI-HOLD
COUPLING 2011
OTHER 6-INCH POSI-HOLD COUPLING
LEAK CLASS 3 LOCATION CONNECTION FAILURE
34000 82730 0 19856 136586 9 5 438 343 280
300 PRESSURE EXCEEDED 110% OF MAOP YES YES YES YES
"SCADA-BASED INFORMATION (SUCH AS ALARM(S), ALERT(S), EVENT(S), AND/OR VOLUME OR
PACK CALCULATIONS)" "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) "
PRELIMINARY INVESTIGATION DETERMINED THAT THE CONTROLLER(S) AND/OR CONTROL ROOM DID
NOT CONTRIBUTE TO THE INCIDENT
MATERIAL FAILURE OF PIPE OR WELD NO
COMPRESSION FITTING NO

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COMPRESSION FITTING

Style 700 Posi-Hold Dresser 2010 2011 YES YES

UNDER INVESTIGATION. YES CAUSE OF THE SEPARATION IS STILL NO

rmccollu@southernco.com (404) 584-3733 (404) 584-4710 10/5/2016 RICHARD R
 LONN MANAGING DIRECTOR COMPLIANCE AND PRM (404) 585-3552 rlonn@southernco.com
 "A 6-INCH HP STEEL MAIN WITH A BULL PLUG END CONNECTED BY A STYLE 700 POSI-HOLD
 COMPRESSION COUPLING SEPARATED FROM THE MAIN. AS A RESULT OF THE SEPARATION, GAS
 SERVICE TO 452 CUSTOMERS WAS INTERRUPTED TO MAKE REPAIRS TO THE MAIN. AT THIS POINT
 IT WAS DETERMINED THAT THE INCIDENT RESULTED IN A COST MEETING THE THRESHOLD FOR
 REPORTING. PRIOR TO THE SEPARATION, THE MAIN ASSOCIATED WITH THE POSI-HOLD
 COMPRESSION COUPLING EXPERIENCED AN INCREASE IN PRESSURE APPROXIMATELY 10 PSIG ABOVE
 110% OF MAOP. CAUSE OF THE SEPARATION AND INCREASE IN PRESSURE IS STILL UNDER
 INVESTIGATION."
 9/29/2016 2016 20160100 16401 ORIGINAL 15931 PUBLIC
 SERVICE CO OF COLORADO 1800 LARIMER STREET DENVER CO 80202 9/1/2016
 15:10 98 FIR DRIVE WINTER PARK GRAND CO 80482 39.89194
 -105.76639 1157922 9/1/2016 16:15 UNINTENTIONAL RELEASE OF GAS NATURAL GAS
 1 NO 0 YES 0
 0 0 0 1 1 YES 9/1/2016 17:50 9/2/2016
 15:00 NO YES 3 9/1/2016 15:10 9/1/2016 15:10 NO
 PUBLIC PROPERTY UNDERGROUND UNDER PAVEMENT UNKNOWN NO
 MAIN 1969 0.75 UNKNOWN INVESTOR OWNED
 STEEL UNKNOWN UNKNOWN PINHOLE UNKNOWN
 CLASS 2 LOCATION 250000 69000 14000 0 5
 333005 0 0 14 50 50 60 PRESSURE DID NOT EXCEED MAOP
 YES YES YES NO NO "LOCAL OPERATING PERSONNEL, INCLUDING
 CONTRACTORS" OPERATOR EMPLOYEE "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) "
 "SCADA MONITORED PRESSURE ONLY, AND PRESSURE DID NOT VARY BEYOND NORMAL RANGE."
 YES 1 0 NO OTHER INCIDENT CAUSE UNKNOWN

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UNKNOWN "STILL UNDER INVESTIGATION, CAUSE OF
 INCIDENT TO BE DETERMINED* (*SUPPLEMENTAL REPORT REQUIRED)" KELLI BRADLEY
 ENGINEER kelli.s.bradley@xcelenergy.com 303-571-3341 9/1/2016
 MARK NOLAN PRINCIPAL ENGINEER 303-571-3931 mark.nolan@xcelenergy.com
 "ON SEPTEMBER 1, 2016, AN EXPLOSION OCCURRED AT 98 FIR DRIVE IN WINTER PARK, CO.
 ONE PERSON WAS INJURED AND REQUIRED HOSPITALIZATION. THE LEAK ORIGIN AND CAUSE ARE
 STILL UNDER INVESTIGATION AS NOTED IN PART G RESPONSE. PLEASE NOTE THAT PORTAL
 REQUIRES ANSWERS TO PART B AND C IN ORDER TO SUBMIT THE REPORT. THE ANSWERS ARE NOT
 KNOWN AT THIS TIME. PLACEHOLDER RESPONSES WILL BE REPLACED WITH TRUE VALUES WHEN
 FINAL REPORT IS SUBMITTED."
 9/28/2016 2016 20160099 16400 ORIGINAL 3110 "DANVILLE,
 CITY OF" 1040 MONUMENT ST DANVILLE VA 24541 8/30/2016
 0:31 117 FARRAR STREET DANVILLE PITTSYLVANIA VA 24540
 36.354441 -79.234113 1157677 8/30/2016 10:00 UNINTENTIONAL RELEASE OF GAS
 NATURAL GAS 1 NO 0 NO SEVICE LINE SHUT OFF
 NO AND CAPPED NO NO 0 8/30/2016 0:45
 8/30/2016 1:00 NO PRIVATE PROPERTY ABOVEGROUND "TYPICAL ABOVEGROUND
 FACILITY PIPING OR APPURTENANCE (E.G. VALVE OR REGULATOR STATION, OUTDOOR METER
 SET)" NO
 MUNICIPALLY OWNED OUTSIDE METER/REGULATOR SET
 1996 OTHER
 ALUMINUM
 LEAK
 CLASS 1 LOCATION SEAL OR PACKING
 25800 0 0 1 58 25000 500 250 0 50
 NO 58 120 PRESSURE DID NOT EXCEED MAOP
 NOTIFICATION FROM EMERGENCY RESPONDER
 "NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE
 INCIDENT"
 NO NO
 OTHER INCIDENT CAUSE MISCELLANEOUS

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TIM LOVE COMPLIANCE COORDINATOR lovetw@danvilleva.gov 434-799-5268
 434-857-3329 9/28/2016 TIM LOVE COMPLIANCE COORDINATOR 434-799-5268
 lovetw@danvilleva.gov "THE RESIDENCE ENCOUNTERED AN ELECTRICAL FAILURE WHICH CAUSE
 THE STRUCTURE TO CATCH ON FIRE, THE AREA OF MOST INTENSE HEAT WAS NEAR THE
 RISER/METER SET. THE HEAT FROM THE FIRE CAUSED THE LUBE IN THE VALVE TO MELT OUT
 WHICH ALLOWED GAS TO LEAK BY THE VALVE, THE INTENSE HEAT ALSO MELTED THE METER. GAS
 PERSONNEL WERE ON SITE AND WERE ABLE TO SQUEEZE OFF THE SERVICE AT THE STREET AND
 THEN CAP THE SERVICE BELOW GROUND AT THE RESIDENCE. A MINIMAL AMOUNT OF GAS ESCAPED
 LESS THAN 1CF."
 9/12/2016 2016 20160088 16388 ORIGINAL FINAL 2604 COLUMBIA GAS
 OF VIRGINIA INC 1809 COYOTE DRIVE CHESTER VA 23836 8/29/2016 16:00
 SIGNAL HILL RD MANASSAS PRINCE WILLIAM VA 20110 38.748834
 -77.448281 1157709 8/30/2016 16:24 UNINTENTIONAL RELEASE OF GAS NATURAL GAS
 46.33 NO 0 YES 8/29/2016 17:55 9/1/2016
 12:00 NO NO 40 8/29/2016 16:33 8/29/2016 16:50 NO
 UTILITY RIGHT-OF-WAY / EASEMENT UNDERGROUND UNDER SOIL 67 NO
 INVESTOR OWNED MAIN 1994 4 UNKNOWN
 UNKNOWN PLASTIC OTHER ADYLA
 UNKNOWN MECHANICAL PUNCTURE 3 5
 CLASS 4 LOCATION 0 4000 0
 0 11675 15675 0 0 0 50 50 60
 PRESSURE DID NOT EXCEED MAOP YES YES YES YES YES "SCADA-BASED
 INFORMATION (SUCH AS ALARM(S), ALERT(S), EVENT(S), AND/OR VOLUME OR PACK
 CALCULATIONS)" "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) " GAS CONTROL
 IDENTIFIED LOW PRESSURE BY ALARM WHICH WAS INVESTIGATED WHICH REVEALED DAMAGE TO OUR
 FACILITY.
 NO NO EXCAVATION
 DAMAGE EXCAVATION DAMAGE BY THIRD PARTY

EXCAVATION DAMAGE BY THIRD PARTY
 YES YES NO
 YES
 DIRECTIONAL DRILLING CABLE TV YES 623601311 CONTRACTOR
 LOCATOR NO NO NO LOCATING PRACTICES NOT SUFFICIENT CONTRACT
 FACILITY WAS NOT LOCATED OR MARKED

GUY DAILEY gdailey@nsource.com 804-314-9390
 9/12/2016 GUY DAILEY 804-314-9390 -1 "THIRD PARTY
 CONTRACTOR (ALWAYS PREPARED) WAS BORING IN FIBER CONDUIT. DURING BACK REAMING
 OPERATIONS, HEAD IMPACTED 4" PLASTIC MAIN AND TORE 3 X 5 HOLE IN TOP. THIS SECTION
 OF MAIN WAS NOT LOCATED AND THUS NOT SPOTTED PRIOR TO BORE. WGL 8" MAIN HAD TO BE
 BY PASSED IN ORDER TO SAFELY MAKE REPAIRS. WGL MADE SAFE. CGV MADE REPAIRS TO 4"
 MAIN DAMAGED AFTER DEMARK VALVE. NO OUTAGES OR OTHER DAMAGES."

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9/27/2016	2016	20160097	16398	ORIGINAL	FINAL	2596	COLUMBIA GAS
OF OHIO INC	290 W	NATIONWIDE BLVD	COLUMBUS	OH	43215	8/28/2016	
21:07	CAREY RD	AND STATE ROUTE 9	SALEM	COLUMBIANA	OH	44460	
40.871339	-80.885325	115559	8/28/2016	22:55	UNINTENTIONAL	RELEASE OF GAS	
NATURAL GAS		121	NO			0	
YES	0	0	0	1	1	YES	8/28/2016
22:45	8/29/2016	21:30	YES	NO	0	8/28/2016	21:30 8/28/2016
22:00	NO	UTILITY RIGHT-OF-WAY /	EASEMENT ABOVEGROUND			INSIDE A BUILDING	
	NO	INVESTOR OWNED				DISTRICT REGULATOR/METERING STATION	
UNKNOWN						STEEL	
UNKNOWN		UNKNOWN					
OTHER						DAMAGE BY	
CAR SHEARING OFF A ONE INCH RELIEF VALVE ON STATION PIPING.						CLASS 3 LOCATION	
4000	438205	43608	0	385	486198	0	74 17
17	25	PRESSURE DID NOT EXCEED MAOP	NO				
"LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"						OPERATOR EMPLOYEE	
"NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"							
	NO		NO			OTHER OUTSIDE FORCE	
DAMAGE "DAMAGE BY CAR, TRUCK, OR OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION"							

"DAMAGE BY CAR, TRUCK, OR OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION" THIRD PARTY

ROB SMITH OPERATIONS COMPLIANCE MANAGER rrrsmith@nisource.com 614-818-2110
 614-818-2151 9/27/2016 ROB SMITH OPERATIONS COMPLIANCE MANAGER
 614-818-2110 rrrsmith@nisource.com "A DRIVER HEADED NORTHBOUND ON STATE ROUTE 9
 LOST CONTROL OF HER VEHICLE ON WET PAVEMENT AND STRUCK A TELEPHONE POLE, A TREE, AND
 THE CAREY ROAD AND STATE ROUTE 9 REGULATOR STATION BUILDING. THE VEHICLE IMPACT
 SHEARED OFF A ONE-INCH PRESSURE RELIEF VALVE RESULTING IN THE IGNITION OF THE
 ESCAPING GAS AND CAUSING FIRE DAMAGE TO THE REGULATOR BUILDING, THE REGULATOR
 STATION AND THE VEHICLE. THE STATION'S MONITOR AND CONTROL REGULATORS FAILED OPEN
 DUE TO HEAT DAMAGE. AT THE TIME OF THE INCIDENT COLUMBIA'S PIPELINE WAS OPERATING
 AT A PRESSURE OF 17 PSIG, AND COLUMBIA'S ENGINEERS CALCULATED THAT THE PRESSURE
 SUBSEQUENTLY REACHED APPROXIMATELY 120 PSIG. THE DRIVER OF THE CAR SUSTAINED BURNS
 AND WAS LIFE-FLIGHTED TO A NEARBY HOSPITAL. COLUMBIA LEAK SURVEYED THE ENTIRE
 SYSTEM AND REPLACED APPROXIMATELY 1300 FEET OF FIRST GENERATION PLASTIC MAIN LINE
 ALONG WITH NUMEROUS SERVICE LINES AND ALL OF THE SERVICE REGULATORS IN THE SYSTEM.
 PLEASE CONSIDER THIS A FINAL REPORT."
 10/12/2016 2016 20160102 16502 SUPPLEMENTAL FINAL 10060
 "KAPLAN GAS DEPT, CITY OF" 701 NORTH CUSHING AVE KAPLAN LA 70548
 8/28/2016 2:15 VETERANS MEMORIAL DRIVE KAPLAN VERMILION LA 70548 12

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-92 NRC NOTIFICATION REQUIRED BUT NOT MADE UNINTENTIONAL RELEASE OF GAS
 NATURAL GAS 1200 NO 0
 YES 2 0 0 0 1 3 YES 8/28/2016
 15:00 8/31/2016 16:00 NO NO 0 8/28/2016 2:15 8/28/2016
 3:00 NO UTILITY RIGHT-OF-WAY / EASEMENT ABOVEGROUND "TYPICAL ABOVEGROUND
 FACILITY PIPING OR APPURTENANCE (E.G. VALVE OR REGULATOR STATION, OUTDOOR METER
 SET)" NO
 MUNICIPALLY OWNED OUTSIDE METER/REGULATOR SET
 UNKNOWN STEEL
 UNKNOWN UNKNOWN
 OTHER AUTO
 ACCIDENT CAUSING THE DAMAGE OF VALVES TO RELEASE GAS IN AIR UNTIL SHUT OFF.
 CLASS 3 LOCATION 0 261000 10000 9750 FINE- FAILURE TO REPORT 5276
 286026 96 6 1538 90 90 135 PRESSURE DID NOT EXCEED MAOP
 NO NOTIFICATION FROM EMERGENCY RESPONDER
 "NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE
 INCIDENT"
 NO NO
 OTHER OUTSIDE FORCE DAMAGE OTHER OUTSIDE FORCE DAMAGE

OTHER OUTSIDE FORCE DAMAGE

AUTOMOBILE DRIVEN BY A RESIDENT HIT

REGULATOR STATION.

clerk@cityofkaplan.com 337 643 8811 337 643 8861 2/24/2017 CHRISTINE L
 TRAHAN CITY CLERK 337 643 8811 clerk@cityofkaplan.com "RESIDENT HIT THE
 REGULATOR STATION BY AUTOMOBILE. GAS SYSTEM WAS SHUT DOWN AT THE MAIN HUB WHICH FED
 TO THE HIGH PRESSURE REGULATOR STATION. THE SYSTEM SHALL BE REBUILT WITH A BY-PASS
 REGULATOR STATION TO RESTORE DOWNSTREAM LOW PRESSURE TO HOSPITAL, NURSING HOMES,
 SCHOOLS, COMMERCIAL AND RESIDENTIAL CUSTOMERS."
 9/21/2016 2016 20160091 16439 SUPPLEMENTAL FINAL 2600
 COLUMBIA GAS OF PENNSYLVANIA 121 CHAMPION WAY CANONSBURG PA
 15317 8/25/2016 17:58 3316 CARLISLE PIKE NEW OXFORD ADAMS PA
 17350 39.523879 -77.01525 1157352 8/25/2016 21:05 UNINTENTIONAL
 RELEASE OF GAS NATURAL GAS 12750 NO
 0 NO 0 YES
 8/25/2016 23:25 8/26/2016 9:55 NO NO 150 8/25/2016 17:56
 8/25/2016 18:30 NO OPERATOR-CONTROLLED PROPERTY ABOVEGROUND "TYPICAL
 ABOVEGROUND FACILITY PIPING OR APPURTENANCE (E.G. VALVE OR REGULATOR STATION,
 OUTDOOR METER SET)" NO
 INVESTOR OWNED DISTRICT
 REGULATOR/METERING STATION 1994
 STEEL
 LEAK UNKNOWN
 OTHER VEHICLE STRUCK VALVE

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ASSEMBLY							CLASS 2 LOCATION	8000
6	15732	1758	X RAYS OF ALL THE WELDS IN THE VICINITY OF THE DAMAGE.					
36847	62343	0	0	0	830	830	936	PRESSURE DID NOT
EXCEED MAOP		YES	YES	YES	NO	NO	NOTIFICATION FROM THIRD	
PARTY THAT CAUSED THE INCIDENT							"NO, THE FACILITY WAS NOT MONITORED	
BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"								
							NO	
YES	1	0	OTHER OUTSIDE FORCE DAMAGE			"DAMAGE BY CAR, TRUCK, OR		
OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION"								

"DAMAGE BY CAR, TRUCK, OR OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION" OPERATOR'S CONTRACTOR

RICK BURKE
 OPERATIONS COMPLIANCE MANAGER rburke@nisource.com 724-416-6332 724-416-6385
 11/21/2016 MIKE DAVIDSON VP AND GENERAL MANAGER OF COLUMBIA GAS OF PA
 724-416-6308 mdavids@nisource.com "ON 8/25/2016 AT 17:56 AN EMPLOYEE OF
 BOBZILLA LANDSCAPING, A CONTRACTOR FOR COLUMBIA GAS OF PENNSYLVANIA, WAS LEAVING
 COLUMBIA'S REGULATOR SITE AT 3316 CARLISLE PIKE, NEW OXFORD, PENNSYLVANIA WHEN HIS
 VEHICLE STRUCK AND SHEARED OFF A 2 INCH FITTING ON AN ABOVE GROUND VALVE ASSEMBLY,
 RESULTING IN THE RELEASE OF GAS AT 830 PSIG. 12,750 MCF NATURAL GAS WAS LOST.
 FURTHER, THERE WAS NO IGNITION, NO INJURIES, OR FATALITIES AS A RESULT OF THIS
 INCIDENT."

9/23/2016	2016	20160094	16395	ORIGINAL	FINAL	13061	NATIONAL
FUEL GAS DISTRIBUTION CORP	6363	MAIN ST.	WILLIAMSVILLE	NY	14221		
8/24/2016 18:22	11466	STATE HWY 618	CONNEAUT LAKE	CRAWFORD	PA		
16316-2828	42.62146	-80.3256	1157237	8/24/2016 18:22			
UNINTENTIONAL RELEASE OF GAS		NATURAL GAS	68.9	NO			
	0	NO					0
YES	8/24/2016 11:54	8/24/2016 21:15	NO	NO	5		
8/24/2016 10:38	8/24/2016 11:07	NO	PUBLIC PROPERTY	UNDERGROUND	UNDER SOIL		
36	NO						
D2513	INVESTOR OWNED	MAIN	1982	4	ASTM		
	UPONOR DUPONT	1981	PLASTIC				
	POLYETHYLENE (PE)	11.5	2306				
MECHANICAL PUNCTURE	5	3.5					
CLASS 3 LOCATION		0	83962	1000	0	534	
85496	18	2	433	35	41	PRESSURE DID NOT EXCEED MAOP	
NO		NOTIFICATION FROM THIRD PARTY THAT CAUSED					
THE INCIDENT		"NO, THE FACILITY WAS NOT MONITORED BY A					
CONTROLLER(S) AT THE TIME OF THE INCIDENT"							
		NO					
NO	EXCAVATION DAMAGE		EXCAVATION DAMAGE BY THIRD PARTY				

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DAMAGE BY THIRD PARTY				YES	YES	EXCAVATION
NO	YES	STATE HIGHWAY				
		CONTRACTOR	AUGER	POLE	YES	20162211567
CONTRACT LOCATOR		YES	NO	YES	35	LOCATING PRACTICES NOT
SUFFICIENT		FACILITY MARKING OR LOCATION NOT SUFFICIENT				

monnies@natfuel.com 814-871-8204 STEVEN MONNIE ENGINEER I 814-871-4623 9/23/2016 KURT W
 MEIGHEN SUPERINTENDENT 814-371-5870 meighenk@natfuel.com "AT APPROXIMATELY
 10:40 AM ON WEDNESDAY, AUGUST 24, 2016, A CONTRACTOR USING AN AUGER TO INSTALL A
 UTILITY POLE STRUCK A 4" NATURAL GAS MAIN RESULTING IN AN UNINTENTIONAL RELEASE OF
 NATURAL GAS. THERE WERE NO INJURIES OR FATALITIES. A ONE-CALL REQUEST TO MARK
 UNDERGROUND FACILITIES WAS MADE PRIOR TO THE EXCAVATION ACTIVITY. INVESTIGATION INTO
 THE INCIDENT REVEALED THAT THE LOCATING SIGNAL HAD DRIFTED TO AN ADJACENT ABANDONED
 STEEL GAS MAIN LOCATED APPROXIMATELY 2' - 3' AWAY FROM THE ACTIVE 4" PLASTIC GAS
 MATN."
 9/21/2016 2016 20160093 16394 ORIGINAL FINAL 18112 SAN DIEGO
 GAS & ELECTRIC CO 8326 CENTURY PARK COURT SAN DIEGO CA
 92123 8/22/2016 14:42 1703 BACON ST SAN DIEGO SAN DIEGO CA
 92107 32.74378 -117.25346 115704 8/22/2016 20:58 UNINTENTIONAL
 RELEASE OF GAS NATURAL GAS 210 NO
 0 NO 0 YES
 8/22/2016 22:55 8/26/2016 15:30 NO NO 100 8/22/2016 14:42
 8/22/2016 16:47 NO PUBLIC PROPERTY UNDERGROUND UNDER PAVEMENT 36
 NO
 INVESTOR OWNED SERVICE 1942 0.75 UNKNOWN
 UNKNOWN STEEL UNKNOWN LEAK
 UNDETERMINED OTHER LEAK - CAUSE
 85000 0 0 1260 86260 0 0 180 55 55
 60 PRESSURE DID NOT EXCEED MAOP NO
 NOTIFICATION FROM PUBLIC "NO, THE FACILITY WAS NOT MONITORED
 BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"
 NO OTHER INCIDENT CAUSE UNKNOWN NO

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UNKNOWN "INVESTIGATION COMPLETE, CAUSE OF INCIDENT UNKNOWN" KHOA
 LE PIPELINE SAFETY AND COMPLIANCE ADVISOR kle2@semprautilities.com
 626-893-4536 9/21/2016 KHOA LE PIPELINE SAFETY AND COMPLIANCE
 ADVISOR 626-893-4536 kle2@semprautilities.com "ON AUGUST 22, 2016 AT
 14:42, SDG&E WAS NOTIFIED OF A GAS LEAK AT 1703 BACON ST IN SAN DIEGO. CREWS
 RESPONDED AND CONTROLLED THE GAS BY SHUTTING OFF THE MAIN. FURTHER LEAK
 INVESTIGATION SHOWED THAT THE LEAK WAS LOCATED ON A 0.75 INCH STEEL SERVICE. THE
 CAUSE OF THE LEAK IS UNDETERMINED. NO INJURIES RESULTED FROM THIS INCIDENT. ALL
 REPAIRS TO THE DAMAGED SERVICE WERE COMPLETED AND THE AFFECTED CUSTOMERS WERE
 RESTORED. THIS INCIDENT WAS REPORTED TO CPUC AND DOT DUE TO A GAS RELEASE OF
 UNDETERMINED CAUSE AND DAMAGES THAT EXCEED \$50,000. FOR ANY FURTHER QUESTIONS,
 CONTACT KHOA LE AT (626) 893-4536."
 9/7/2016 2016 20160080 16376 ORIGINAL 2604 COLUMBIA GAS
 OF VIRGINIA INC 1809 COYOTE DRIVE CHESTER VA 23836 8/21/2016 15:23 6772
 BURBAGE LAKE CR SUFFOLK Not within a County or Parish VA 23435 36.884045
 -76.408695 1156927 8/21/2016 18:44 UNINTENTIONAL RELEASE OF GAS NATURAL GAS
 12.1 NO 0 YES 0
 0 0 1 0 1 YES 8/21/2016 17:26 8/22/2016
 8:26 YES NO 5 8/21/2016 15:25 8/21/2016 15:56 NO
 UTILITY RIGHT-OF-WAY / EASEMENT UNDERGROUND UNDER SOIL 26 NO
 INVESTOR OWNED SERVICE 1994 0.005 ASTM D2513
 UNKNOWN UNKNOWN PLASTIC
 POLYETHYLENE (PE) UNKNOWN UNKNOWN OTHER
 "PRELIMINARY INVESTIGATION
 INDICATES CAUSE OF INCIDENT WAS DUE TO 3RD PARTY CONTRACTOR USING A HAND-HELD TORCH
 TO HEAT SHRINK SLEEVES ON A COMMUNICATION LINE, WHICH POSSIBLY CAME IN CONTACT WITH
 THE GAS SERVICE, WHICH CREATED A DAMAGE TO SERVICES RESULTING IN A LEAK WITH AN
 IGNITION SOURCE." CLASS 3 LOCATION 0 110 16052 0
 29 16191 0 0 5 55 55 60 PRESSURE DID NOT
 EXCEED MAOP YES YES YES NO NO NOTIFICATION FROM EMERGENCY
 RESPONDER "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) " THERE WAS NOT ENOUGH
 GAS LOST DURING THIS INCIDENT TO TRIGGER A CONTROL ALERT
 NO
 NO EXCAVATION DAMAGE EXCAVATION DAMAGE BY THIRD
 PARTY
 EXCAVATION DAMAGE BY THIRD PARTY NO
 YES NO UTILITY HAND TOOLS CABLE TV NO
 YES 15 ONE-CALL NOTIFICATION PRACTICES NOT
 SUFFICIENT NO NOTIFICATION MADE TO THE ONE-CALL CENTER

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MANAGER gdailey@nsource.com		804-314-9390		GUY DAILEY		OPERATIONS COMPLIANCE	
804-314-9390		gdailey@nsource.com		9/7/2016		GUY DAILEY	
"CONTRACTOR EMPLOYEE FOR CHARTER COMMUNICATIONS WAS PERFORMING MAINTENANCE ON A COMMUNICATION LINE AT 6772 BURBAGE LAKE CR IN SUFFOLK, VA ON SUNDAY AUG 21, 2016. INITIAL REPORT INDICATED WHILE USING A HAND HELD TORCH TO INSTALL HEAT SHRINK SLEEVES ON THE COMMUNICATION LINE, THE CONTRACTOR COMPROMISED THE HALF INCH SERVICE WHICH IMPACTED A 4" PLASTIC MP GAS MAIN. THIS RESULTED IN THE GAS PIPELINE DEVELOPING A LEAK WITH AN IGNITION SOURCE (THE TORCH) ERUPTING INTO FIRE. THE CONTRACTOR WAS INJURED WITH 2ND AND 3RD DEGREE BURNS ON HIS LOWER EXTREMITIES AND WAS HOSPITALIZED AS A RESULT OF HIS INJURIES. HE WAS ADMITTED TO THE HOSPITAL ON SUNDAY 08/21/16 AND RELEASED TUESDAY 8/23/2016."							
9/26/2016	2016	20160096	16497	SUPPLEMENTAL	6720	ATMOS ENERGY CORPORATION - COLORADO/KANSAS 5430 LBJ FREEWAY SUITE 1800 DALLAS TX 75240	
8/20/2016 12:30	APPROXIMATE INTERSECTION OF ROAD 30 AND ROAD I			Not within a Municipality HAMILTON KS 67878 37.85146 -101.8998325			
1158594 9/9/2016 14:51	UNINTENTIONAL RELEASE OF GAS			NATURAL GAS			
45420	NO	0	YES	8/31/2016 15:30	8/31/2016 18:30		
NO	NO	0	8/31/2016 12:15	8/31/2016 12:15	NO	UTILITY RIGHT-OF-WAY	
/ EASEMENT	UNDERGROUND	UNDER SOIL	3	NO	INVESTOR OWNED UNKNOWN		
MAIN	UNKNOWN	4	UNKNOWN				
STEEL	UNKNOWN	UNKNOWN	UNKNOWN				
	MECHANICAL PUNCTURE	0.6	1.3				
	CLASS 1 LOCATION	0	5000	1000	0		
136260 142260	0	0	0	218	257	285	PRESSURE DID NOT EXCEED MAOP
YES	YES	YES	YES	YES	"LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"		
			OPERATOR EMPLOYEE		"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)"		
PRESSURE MONITORING POINT DID NOT REACH THE LOW ALARM LIMIT							
NO		EXCAVATION DAMAGE		EXCAVATION DAMAGE BY			
THIRD PARTY							
EXCAVATION DAMAGE BY THIRD PARTY		NO					
NO							
YES	FARMER	FARM EQUIPMENT	AGRICULTURE	NO			
	NO	OTHER	NO ONE-CALL NOTIFICATION				
COUPLED WITH SHALLOW MAIN							

incident_gas_distribution_jan2010_present

DOUGLAS SHATAS COMPLIANCE MANAGER doug.shatas@atmosenergy.com
8168630951 2/20/2017 DOUGLAS SHATAS MANAGER OF COMPLIANCE
816-863-0951 doug.shatas@atmosenergy.com "FARMER DAMAGED MAIN WITH A ROOT
CUTTING IMPLEMENT IN A REMOTE AREA WHERE WATER RUNOFF CAUSED MAIN TO BECOME SHALLOW.
THE FARMER WAS NOT AWARE OF THE DAMAGE, THEREFORE DID NOT REPORT TO THE UTILITY.
SEVERAL DAYS LATER, COMPANY CREWS WERE IN PROCESS OF REPAIRING A LEAK ON THE SAME
LINE WHEN THE PRESSURE WAS DISCOVERED TO BE LOWER THAN NORMAL, BUT HIGHER THAN THE
LOW ALARM LIMIT OF THE REMOTE PRESSURE MONITORS. THE OPERATOR PERSONNEL THEN BEGAN
INVESTIGATING AND FOUND THE LOCATION OF THE DAMAGE. VALVES WERE UTILIZED TO SHUT
DOWN A SHORT SECTION OF MAIN BEING FED FROM 2 DIRECTIONS, WHICH ALLOWED THE DAMAGE
TO BE REPAIRED."

8/19/2016 2016 20160073 16366 ORIGINAL FINAL 31159 "KANSAS GAS
SERVICE COMPANY, A DIVISION OF ONE GAS, INC." 7421 W 129TH OVERLAND PARK KS
66213 8/19/2016 14:00 918 W. 5TH STREET NEWTON Not within a County or
Parish KS 67114 38.047465 -97.36116704 1156778 8/19/2016 16:45
UNINTENTIONAL RELEASE OF GAS NATURAL GAS 0.01 NO
0 YES 0 1 0 0 0 1
NO NO SHUT DOWN WAS REQUIRED. THE SADDLE WAS JUST RETIGHTNED.
YES NO 0 6/2/2016 14:25 6/2/2016 15:30 NO PRIVATE
PROPERTY UNDERGROUND EXPOSED DUE TO EXCAVATION UNKNOWN NO

PRIVATELY OWNED SERVICE 1943 1.25 ASTM D2513
UNKNOWN UNKNOWN STEEL UNKNOWN UNKNOWN
OTHER

"EMPLOYEE WAS REMOVING A 4 BOLT SADDLE TAP, CAUSING
GAS TO ESCAPE." CLASS 3 LOCATION 0 0 0 0 2
2 0 0 0 12 12 13 PRESSURE DID NOT EXCEED MAOP
NO "LOCAL OPERATING PERSONNEL, INCLUDING
CONTRACTORS" CONTRACTOR WORKING FOR THE OPERATOR "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) " NOT APPLICABLE BECAUSE WE WERE NOTIFIED BY THE CONTRACTOR OF THE
INCIDENT.

NO YES 2 0 OTHER
INCIDENT CAUSE MISCELLANEOUS

MISCELLANEOUS Contractor employee was removing a 4 bolt service line saddle and
escaping gas ignited. RANDY SPECTOR DIRECTOR OF ENGINEERING
randy.spector@onegas.com 913-599-8931 8/19/2016 RANDY

incident_gas_distribution_jan2010_present

SPECTOR DIRECTOR OF ENGINEERING 913-599-8931 randy.spector@onegas.com
 "NPL, A CONTRACTOR PERFORMING WORK FOR KANSAS GAS SERVICE, HAD A TWO MAN CREW REPLACING A FOUR BOLT SERVICE LINE SADDLE. THE CONTRACTOR EMPLOYEE HAD REMOVED THREE OF THE FOUR BOLTS, WHEN GAS ESCAPING AROUND THE SADDLE FITTING IGNITED AND BURNED THE EMPLOYEE. THE EMPLOYEE WAS TRANSPORTED TO THE HOSPITAL, AND THEN ADMITTED FOR BURNS. THE INCIDENT OCCURRED ON JUNE 2ND, BUT DUE TO A MISUNDERSTANDING, LOCAL COMPANY PERSONNEL ASSUMED THAT ALL REPORTING RESPONSIBILITIES WOULD BE COMPLETED BY THE CONTRACTOR. AS A RESULT, THE REPORT IS JUST NOW BEING SUBMITTED. TO ADDRESS THIS SITUATION, THE COMPANY HAS REVIEWED THE PHMSA REQUIREMENTS WITH THE APPROPRIATE PERSONNEL, AND WILL REVIEW THIS SUBJECT MATTER IN FUTURE TRAININGS."

9/19/2016	2016	20160090	16458	SUPPLEMENTAL FINAL	13360
"ENTERGY NEW ORLEANS, INC"					
70119	8/18/2016 13:10	12425 OLD GENTILLY ROAD	NEW ORLEANS	ORLEANS LA	
70129	30.007778	-89.254444	1156669	8/18/2016 18:26	UNINTENTIONAL
RELEASE OF GAS	NATURAL GAS		1795	NO	
0	YES	2	0	0	0 2 NO
THE SERVICE WAS BEING ISOLATED FROM A POWER PLANT THAT IS BEING DECOMMISSIONED.					
	NO	NO	0	8/18/2016 13:10	8/18/2016 13:10 NO
OPERATOR-CONTROLLED PROPERTY UNDERGROUND				UNDER PAVEMENT	72 NO
INVESTOR OWNED	SERVICE		1964	20	UNKNOWN
UNKNOWN	STEEL	UNKNOWN	0.375		

SUDDEN HIGH PRESSURE GAS RELEASE DUE TO PIPE BLOWING OUT OF A MECHANICAL COUPLING AFTER SERVICE LINE WAS CUT AND CAPPED TO ISOLATE FEED TO A DECOMMISSIONED POWER PLANT. THERE WAS NO IGNITION AND NO EXPLOSION. CLASS 3 LOCATION 0 26000 0 0 "ALL ESTIMATES INCLUDED IN 2B. THE ORIGINAL ESTIMATE OF 75,000 WAS OVERSTATED." 6565 32565 0 0 0 123 125 149 PRESSURE DID NOT EXCEED MAOP YES YES YES NO NO OTHER EMPLOYEES ON SITE WORKING ON THE SERVICE LINE WHEN THE INCIDENT OCCURED. "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) " CAUSE IS UNDER INVESTIGATION BUT THE C&M PERSONNEL ON THE SCENE PERFORMING THE WORK WERE THE CAUSE OF OR A CONTRIBUTING FACTOR TO THE INCIDENT

MATERIAL FAILURE OF PIPE OR WELD	YES	11	0	NO
	MECHANICAL FITTING			

COUPLING	Dresser UNKNOWN 1964	MECHANICAL FITTING BOLTED TYPE FITTING STYLE 40 LONG COUPLING YES YES
----------	----------------------	--

20 INCH DIAMETER PIPE SEGMENT BLEW OUT OF A COUPLING AFTER THE PIPE WAS GAPPED DOWNSTREAM OF THE COUPLING. COUPLING WAS CONSTRAINED AND ANCHORED PRIOR TO BEING GAPPED. ONCE GAP SEGMENT WAS REMOVED THE PIPE WAS NO LONGER CONSTRAINED AND THE EXISTING ANCHORING WAS NOT SUBSTANTIAL ENOUGH TO RESIST THE BLOW OUT.
 YES NO

incident_gas_distribution_jan2010_present

LEON T HINSON SENIOR ENGINEER - REGULATORY COMPLIANCE lhinson@entergy.com
 504-595-3722 504-593-3440 12/15/2016 DAVID B PETERSON MANAGER -
 ENGINEERING AND COMPLIANCE 504-595-3725 dpeter4@entergy.com "OVER THE
 PAST SEVERAL YEARS, ENTERGY FOSSIL GROUP HAD DEACTIVATED ITS THREE EXISTING ELECTRIC
 GENERATION UNITS AT THE MICHOU POWER PLANT IN EASTERN NEW ORLEANS. IN EARLY 2016,
 ENTERGY FOSSIL GROUP REQUESTED ENOI GAS OPERATIONS TO PHYSICALLY SEPARATE THE TWO
 GAS SERVICES THAT DELIVERED GAS FROM THE ENOI DISTRIBUTION MAIN ON PARIS RD TO THE
 GENERATING UNITS FROM THE POWER PLANT. ALL GAS WORK WAS PERFORMED BY ENOI GAS
 OPERATION PERSONNEL. THE SCOPE OF WORK WAS TO CLOSE THE SERVICE VALVES SERVING THE
 PLANT, PURGE THE SERVICE LINES, CUT AND WELD A STEEL CAP ON BOTH THE UPSTREAM AND
 DOWNSTREAM ENDS TO PROVIDE PHYSICAL SEPARATION. INITIAL WORK WAS ON THE 20 INCH LINE
 FEEDING MICHOU UNITS 1 AND 2. PRIMARY WORK ONSITE WAS: 1. EXCAVATING THE SERVICE
 TO GAIN ACCESS TO THE LINE. EXCAVATION DIMENSIONS WERE APPROXIMATELY 8 FEET WIDE BY
 15 FEET LONG BY 8 FEET DEEP TO ALLOW FOR COMPLETE 360° ACCESS TO SERVICE. 2.
 PURGING THE SERVICE LINE WITH INERT GAS, AND THEN GAPPING THE SERVICE TO ISOLATE THE
 DOWNSTREAM SEGMENT INTO THE PLANT. 3. WELDING STEEL CAPS ON BOTH SIDES OF THE NEW
 GAP. 4. OPENING THE SERVICE VALVE TO RE-PRESSURIZE THE SERVICE LINE UPSTREAM OF THE
 GAP. WITHIN 3 MINUTES OF HAVING THE UPSTREAM VALVE FULLY OPEN, THE PRESSURE RELEASE
 OCCURRED (13:10 CST). APPROXIMATELY 10 FEET UPSTREAM OF THE EXCAVATION, THE GAPPED
 SERVICE SEGMENT WAS BLOWN OUT OF A STRAPPED STYLE 40 DRESSER COUPLING. THE SERVICE
 VALVE WAS CLOSED WITHIN 7 MINUTES. THE RESULT OF THE BLOWOUT BUCKLED AND CRACKED
 CONCRETE ROADWAY, BLEW ALL THE DIRT UNDERNEATH ROADWAY AND DOWNSTREAM OF THE
 COUPLING INTO AND OUT OF THE EXCAVATION. SEVEN EMPLOYEES RECEIVED MINOR INJURIES AND
 WERE TREATED AND RELEASED. TWO EMPLOYEES RECEIVED INJURIES SEVERE ENOUGH TO REQUIRE
 HOSPITALIZATION FOR AN EXTENDED PERIOD. PHMSA STATE PARTNER, LA DNR, OFFICE OF
 CONSERVATION, PIPELINE DIVISION WAS NOTIFIED AT 14:05 CST THAT THE INCIDENT HAD
 OCCURRED, WHICH WAS WITHIN ONE HOUR OF FIRST KNOWLEDGE OF THE GAS RELEASE. ENTERGY
 NOTIFIED PHMSA VIA THE NATIONAL RESPONSE CENTER AT 18:26 CST WHEN IT BECAME APPARENT
 THE EVENT MET THE REQUIREMENTS OF AN INCIDENT. ENTERGY SUBMITTED THE REQUIRED
 INCIDENT REPORT AND ORIGINALLY CLASSIFIED THE EVENT AS OTHER BUT UPON FURTHER
 INVESTIGATION AND GATHERING MORE FACTS, RE-CLASSIFIED THE CAUSE AS PIPE, WELD, OR
 JOINT FAILURE (MECHANICAL FITTING FAILURE)."

9/16/2016	2016	20160089	16449	SUPPLEMENTAL FINAL	11032
LACLEDE GAS CO	700 MARKET STREET	SAINT LOUIS	MO	63101	8/17/2016
8:06	3401 HARRY S TRUMAN BLVD	SAINT CHARLES	SAINT CHARLES	MO	
63301-4050	38.804261	-90.554903	1156548	8/17/2016 13:58	
UNINTENTIONAL RELEASE OF GAS	NATURAL GAS	170.82	NO		
	0	NO			0
YES	8/17/2016 10:55	8/17/2016 17:30	NO	NO	0
8/17/2016 8:06	8/17/2016 8:40	NO	UTILITY	RIGHT-OF-WAY / EASEMENT	UNDERGROUND
EXPOSED DUE TO EXCAVATION		30	NO		
			PRIVATELY OWNED		MAIN
1986	4	ASTM D2513	DRISCO	UNKNOWN	PLASTIC
		POLYETHYLENE (PE)			0.5
2306		MECHANICAL PUNCTURE	2	2	
		CLASS 3 LOCATION	0	3977	52271 0
733	56981	3	0	581	19.1 19.1 60
EXCEED MAOP	YES	YES	YES	NO	NO
PARTY THAT CAUSED THE INCIDENT					NOTIFICATION FROM THIRD
					"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) " THE
					INCIDENT WAS CAUSED BY A THIRD PARTY EXCAVATION DAMAGE.

NO	EXCAVATION DAMAGE	EXCAVATION DAMAGE BY THIRD PARTY
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DAMAGE BY THIRD PARTY	YES	YES	EXCAVATION
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YES	NO	YES	PRIVATE	LANDOWNER			
162300442		CONTRACTOR	BACKHOE/TRACKHOE	WATER	YES		
LOCATING PRACTICES NOT SUFFICIENT	CONTRACT LOCATOR	YES	NO	YES	7		
NOT SUFFICIENT				FACILITY MARKING OR LOCATION			

PATRICK SEAMANDS
 MANAGER OF PIPELINE SAFETY AND COMPLIANCE patrick.seamands@spireenergy.com
 314-349-2936 12/2/2016 CRAIG HOEFERLIN VICE PRESIDENT OF OPERATIONS
 SERVICES 314-349-2972 craig.hoeferlin@spireenergy.com "A CONTRACTOR WAS
 INSTALLING WATER MAIN AND STRUCK A 4" PLASTIC GAS DISTRIBUTION MAIN WHILE
 EXCAVATING WITH A BACKHOE. LOCATES WERE MADE BY THE CONTRACT LOCATOR BUT THE GAS
 MAIN WAS MIS-LOCATED. ADEQUATE GAS PRESSURE COULD NOT BE MAINTAINED TO MAKE REPAIRS
 TO THE GAS DISTRIBUTION MAIN WHICH RESULTED IN THE LOSS OF GAS SERVICE TO 584
 CUSTOMERS."
 8/29/2016 2016 20160076 16426 SUPPLEMENTAL FINAL 8070
 INDIANA GAS CO INC 211 NW RIVERSIDE DRIVE EVANSVILLE IN 47708
 8/16/2016 1:30 2410 PRAIRIETON AVENUE TERRE HAUTE VIGO IN 47802
 39.4406 -87.42311 1156405 8/16/2016 12:55 UNINTENTIONAL RELEASE OF GAS
 NATURAL GAS 124 NO 0
 YES 0 0 0 1 1 YES 8/16/2016
 5:40 8/16/2016 5:40 YES NO 0 8/16/2016 2:23 8/16/2016
 2:23 NO PRIVATE PROPERTY UNDERGROUND UNDER SOIL 12
 NO
 INVESTOR OWNED SERVICE RISER 1969
 STEEL UNKNOWN
 RUPTURE UNKNOWN
 CIRCUMFERENTIAL 1 1 CLASS 2 LOCATION 200000 900
 100 0 427 201427 0 0 0 54 54 60
 PRESSURE DID NOT EXCEED MAOP NO NOTIFICATION
 FROM EMERGENCY RESPONDER "NO, THE FACILITY WAS NOT MONITORED
 BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"
 NO
 OTHER OUTSIDE FORCE DAMAGE "DAMAGE BY CAR, TRUCK, OR
 OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION"

"DAMAGE BY CAR, TRUCK, OR OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN
 EXCAVATION" THIRD PARTY

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JOHN SPINKS MANAGER GAS
 COMPLIANCE AND QMP jaspinks@vectren.com 937-440-1844 937-440-1818
 11/2/2016 JAMES FRANCIS VICE PRESIDENT SAFETY AND SYSYTEM INTEGRITY
 812-491-4369 jmfrancis@vectren.com "ON AUGUST 16, 2016, A DRIVER HEADING SOUTH
 ON PRAIRIETON ROAD IN TERRE HAUTE INDIANA, LOST CONTROL OF HIS VEHICLE VEERING OFF
 THE ROADWAY INITIALLY STRIKING A UTILITY POLE AND CONTINUING THROUGH A FOUR INCH
 STEEL PROTECTIVE BARRICADE INTO THE METER SETTING AT 2410 PRAIRETON ROAD. THIS WAS
 AN INACTIVE SERVICE LOCKED-OFF AT THE RISER VALVE WITH NO METER ATTACHED. THE
 IMPACT RESULTED IN BREAKING A ONE INCH STEEL SERVICE RISER BELOWGROUND ALLOWING A
 RELEASE OF NATURAL GAS THAT SUBSEQUENTLY IGNITED. THE FIRE DESTROYING THE VEHICLE,
 THE BUILDING AND BUILDING CONTENTS. THE DRIVER WAS ADMITTED TO A HOSPITAL BURN
 UNIT."
 9/9/2016 2016 20160086 16386 ORIGINAL 22182 WASHINGTON
 GAS LIGHT CO "101 CONSTITUTION AVE., NW " WASHINGTON DC 20080
 8/11/2016 0:10 8701 ARLISS ST SILVER SPRING MONTGOMERY COUNTY MD
 20901-3981 38.998431 -77.001087 1155909 8/11/2016 1:31 REASONS
 OTHER THAN RELEASE OF GAS 0 YES 0 0 0
 0 7 7 YES 0 0 1 0 32 33 YES
 8/11/2016 0:52 YES YES NO 200 8/11/2016 0:36
 8/11/2016 0:36 NO PRIVATE PROPERTY ABOVEGROUND INSIDE A BUILDING
 NO
 INVESTOR OWNED OTHER UNDER INVESTIGATION UNKNOWN
 OTHER UNDER INVESTIGATION
 OTHER UNDER
 INVESTIGATION CLASS 4 LOCATION 0 0 52336 0 0
 52336 0 0 15 20 20 25 PRESSURE DID NOT EXCEED MAOP
 NO NOTIFICATION FROM EMERGENCY RESPONDER
 "NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE
 INCIDENT"
 NO NO
 OTHER INCIDENT CAUSE UNKNOWN

UNKNOWN
 "STILL UNDER INVESTIGATION, CAUSE OF INCIDENT TO BE DETERMINED* (*SUPPLEMENTAL
 REPORT REQUIRED)" PAUL MOSES SUPERVISOR- PIPELINE SAFETY
 gmoses@washgas.com 703-750-4496 9/9/2016 DAVID SPANGLER

incident_gas_distribution_jan2010_present

MANAGER - PIPELINE SAFETY AND QUALITY 703-750-4341 dsppangler@washgas.com
INVESTIGATION IS ONGOING UNDER THE DIRECTION OF NATIONAL TRANSPORTATION SAFETY BOARD.

9/9/2016 2016 20160084 16384 ORIGINAL FINAL 18484 SOUTHERN
CALIFORNIA GAS CO 555 WEST FIFTH STREET LOS ANGELES CA 90013
8/10/2016 15:15 1041 W CAMBRIDGE AVE VISALIA TULARE CA 93277 36.31452
-119.30276 1155896 8/10/2016 5:40 UNINTENTIONAL RELEASE OF GAS NATURAL GAS
0 NO 0 YES 8/10/2016 0:00 YES
YES NO 0 8/10/2016 15:15 8/10/2016 15:21 NO PRIVATE PROPERTY
ABOVEGROUND "TYPICAL ABOVEGROUND FACILITY PIPING OR APPURTENANCE (E.G. VALUE OR
REGULATOR STATION, OUTDOOR METER SET)" NO
INVESTOR OWNED

OUTSIDE METER/REGULATOR SET 2007
OTHER ALUMINUM

OTHER
CLASS 3 LOCATION THE METER SET ASSEMBLY WAS MELTED DURING THE FIRE
184000 2749 200 6000 CONTENTS VALUE 0
192949 0 0 1 50 50 60 PRESSURE DID NOT EXCEED MAOP
NO NOTIFICATION FROM EMERGENCY RESPONDER
"NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE
INCIDENT"

OTHER OUTSIDE FORCE DAMAGE NO
FIRE/EXPLOSION AS PRIMARY CAUSE OF INCIDENT "NEARBY INDUSTRIAL, MAN-MADE, OR OTHER

"NEARBY
INDUSTRIAL, MAN-MADE, OR OTHER FIRE/EXPLOSION AS PRIMARY CAUSE OF INCIDENT"

KHOA LE PIPELINE SAFETY AND COMPLIANCE ADVISOR
kle2@semprautilities.com 626-893-4536 9/9/2016 KHOA LE
PIPELINE SAFETY AND COMPLIANCE ADVISOR 626-893-4536 kle2@semprautilities.com
"ON AUGUST 10, 2016 AT 15:15, VISALIA POLICE DEPARTMENT REPORTED A HOUSE FIRE AT
1041 W CAMBRIDGE AVE IN VISALIA. CREW RESPONDED AND WAS INFORMED BY THE VISALIA
FIRE DEPARTMENT THAT THEY HAD ALREADY SHUT OFF THE GAS AT THE STOPCOCK. THE METER
SUFFERED DAMAGE FROM THE FIRE AND WAS MELTED. IT IS UNKNOWN TO SOCALGAS AS TO WHEN
THE FIRE STARTED OR WHEN THE FIRE WAS CONTROLLED BY THE FIRE DEPARTMENT. NO
INJURIES RESULTED FROM THIS INCIDENT. INVESTIGATION INTO THE INCIDENT SHOWED THAT
THE CAUSE OF THE FIRE IS UNDETERMINED. THIS INCIDENT WAS REPORTED TO DOT AND
CPUC DUE TO A GAS RELEASE AND ESTIMATED DAMAGES EXCEEDING \$50,000. FOR ANY
FURTHER QUESTIONS, CONTACT KHOA LE AT (626) 893-4536."
9/9/2016 2016 20160085 16385 ORIGINAL 15007 PACIFIC GAS
& ELECTRIC CO "PG&E - GAS OPERATIONS, REGULATORY COMPLIANCE 6111 BOLLINGER CANYON
RD., " SAN RAMON CA 94583 8/10/2016 13:11 950 CHAMPION LANE DEER

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PARK	NAPA	CA	94576	38.54835	-122.47375	1155870	8/10/2016
14:20	UNINTENTIONAL RELEASE OF GAS		0	NATURAL GAS	100	NO	
0	YES	8/10/2016 14:00	0	NO	YES	YES	NO 0
8/10/2016 13:11	8/10/2016 13:11	NO	PRIVATE PROPERTY	ABOVEGROUND			
"TYPICAL ABOVEGROUND FACILITY PIPING OR APPURTENANCE (E.G. VALVE OR REGULATOR STATION, OUTDOOR METER SET)"				NO	PRIVATELY OWNED	SERVICE	
RISER		1949					
STEEL	UNKNOWN	OTHER	UNKNOWN				
"NATURAL GAS RELEASED FROM THE RISER DURING A VALVE CHANGE, FOLLOWED BY IGNITION"							
CLASS 1 LOCATION	50000	5000	0	0	0	55000	0
0	1	54	54	60	PRESSURE DID NOT EXCEED MAOP	NO	
"LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"							
OPERATOR EMPLOYEE	"NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"						
			YES	2	0	NO	
INCORRECT OPERATION	OTHER INCORRECT OPERATION						

OTHER INCORRECT OPERATION INVESTIGATION STILL PENDING

YES INVESTIGATION STILL PENDING ROUTINE MAINTENANCE

YES "YES, THEY WERE QUALIFIED FOR THE TASK(S)"

STEPHEN RAMOS GAS ENGINEER s3rc@pge.com 9254137311 9/9/2016

SUSIE RICHMOND MANAGER REGULATORY COMPLAINT 9253285776 gsr8@pge.com "ON

AUGUST 10, 2016 AT 1311 HOURS, PG&E WAS NOTIFIED OF A STRUCTURE FIRE AT 950 CHAMPION LANE IN THE CITY OF DEER PARK. PG&E'S CONSTRUCTION CREW WAS PERFORMING A SERVICE VALVE CHANGE ON A RISER; THERE WAS AN UNINTENTIONAL RELEASE AND IGNITION OF GAS CAUSING THE HOME TO CATCH ON FIRE. THE CAUSE OF INCIDENT IS STILL UNDER INVESTIGATION. PG&E CREWS STOPPED THE FLOW OF GAS AT 1400 HOURS BY SQUEEZING THE SERVICE LINE; THIS SERVICE LINE HAS BEEN ABANDONED AT THE MAIN. A SPECIAL LEAK SURVEY WAS COMPLETED, NO GAS LEAK WAS DETECTED. FIRE DEPARTMENT, AMBULANCE AND POLICE DEPARTMENT WERE REPORTED ON-SITE. THERE WERE 2 EMPLOYEE INJURIES- ONE WAS TREATED ON SITE FOR A 1ST DEGREE BURN, THE OTHER WAS TREATED AT THE HOSPITAL AND WAS RELEASED THE SAME DAY FOR A 2ND DEGREE BURN. BOTH EMPLOYEES WERE PAT TESTED WITH NEGATIVE RESULTS. NO KNOWN MEDIA ON SITE OR DEATH REPORTED. THIS INCIDENT IS BEING REPORTED TO THE DOT AND CPUC DUE TO THE UNINTENTIONAL RELEASE OF GAS AND REPAIR COSTS ESTIMATED TO EXCEED \$50,000."

9/8/2016 2016 20160083 16379 ORIGINAL 31597 CITY OF

HOOKER 111 S BROADWAY HOOKER OK 73945 8/10/2016 9:06 300 BLK W. CLARENCE

STREET/ US HWY 54 HOOKER TEXAS OK 73945 36.855325 -101.214839

1155868 8/10/2016 16:00 UNINTENTIONAL RELEASE OF GAS NATURAL GAS 140

NO 0 NO

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NO	0	0	YES	8/10/2016 9:06	8/10/2016 9:06	NO	8/10/2016 9:07	8/10/2016 9:30	YES
EASEMENT		UNDERGROUND			UNDER SOIL		UTILITY	RIGHT-OF-WAY /	
							63	NO	
								MUNICIPALLY OWNED	
STEEL	MAIN			1975	4	API 5L	UNKNOWN	UNKNOWN	
		SEAMLESS			1.237				
		OTHER							
A 2 IN POLY BY-PASS LINE WAS BURNED SECONDARY FROM AN PRIMARY FIRE IN A									
DEMOLITION ACTIVITY		CLASS 3 LOCATION		42000	0	0	26000		
TREATMENT AND EMERGENCY		TRANSPORT TO EMPLOYEE		58	68058	0	0	0	
60	60	200		PRESSURE DID NOT EXCEED MAOP	NO				
"LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"									
WORKING FOR THE OPERATOR		"NO, THE FACILITY WAS NOT MONITORED BY A							
CONTROLLER(S) AT THE TIME OF THE INCIDENT"									
								NO	
YES	6	0		OTHER INCIDENT CAUSE	MISCELLANEOUS				

MISCELLANEOUS During removal of a vessel a minor fire ignited resulted from residue in the pipe which melted a 2 in poly by-pass to supply the distribution system.

RAYMOND E. HOLBERT SUPERINTENDENT 580-652-2885 580-652-2488 9/8/2016

publicworks@hookeroklahoma.net

RAYMOND E. HOLBERT SUPERINTENDENT 580-652-2885

publicworks@hookeroklahoma.net

9/7/2016	2016	20160082	16414	SUPPLEMENTAL FINAL	6141	NEW
MEXICO GAS COMPANY	7120 WYOMING BLVD NE	ALBUQUERQUE	NM	87109		
8/9/2016 14:03	7900 WYOMING BLVD. NE	ALBUQUERQUE	BERNALILLO	NM		
87109	35.17246	-106.559818	1155756	8/9/2016 15:15	UNINTENTIONAL	
RELEASE OF GAS	NATURAL GAS	385	NO			
0	NO			0	NO	
SEGMENT WAS ISOLATED.		YES	NO	4	8/9/2016	
14:03	8/9/2016 14:28	NO	PUBLIC PROPERTY UNDERGROUND	UNDER PAVEMENT		
54	NO					
	INVESTOR OWNED	MAIN	2004	2	ASTM D2513	
UNKNOWN	UNKNOWN	PLASTIC				
POLYETHYLENE (PE)		11	4710		MECHANICAL	
PUNCTURE	5	1				
CLASS 3 LOCATION	90000	5656	1365	0	1567	98588 12
0	0	58	58	60	PRESSURE DID NOT EXCEED MAOP	NO
NOTIFICATION FROM EMERGENCY RESPONDER						
THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"						
NO		NO		EXCAVATION DAMAGE		

incident_gas_distribution_jan2010_present
EXCAVATION DAMAGE BY THIRD PARTY

YES	YES	EXCAVATION DAMAGE BY THIRD PARTY	NO	YES	CITY STREET CONTRACTOR
DIRECTIONAL DRILLING	YES	TELECOMMUNICATIONS	YES	16010345	
UTILITY OWNER	YES	YES	EXCAVATION PRACTICES NOT SUFFICIENT		
		FAILURE TO VERIFY LOCATION BY TEST-HOLD (POT-HOLING)			

GARY G. ROYBAL MANAGER DOT PIPELINE SAFETY
COMPLIANCE ggroybal@tecoenergy.com 505-697-3636 505-697-4481 10/17/2016
EDWARD KACER VP DELIVERY AND ENGINEERING SERVICES 505-697-3303
ejkacer@tecoenergy.com DIRECTIONAL DRILLING CONTRACTOR HIT A 2 INCH PE MAIN WHILE
CONDUCTING BORING EXCAVATION ACTIVITIES. THE CONTRACTOR/EXCAVATOR DEVIATED FROM THE
ORIGINAL BORE PATH AND FAILED TO EXPOSE AND DETERMINE THE DEPTH OF THE PIPELINE AT
THE POINT OF CONFLICT.

9/7/2016	2016	20160081	16377	ORIGINAL	13299	NEW JERSEY
NATURAL GAS CO	1415 WYCKOFF ROAD	WALL	NJ	07719	8/9/2016 13:42	271
HARMONY RD	MIDDLETOWN	MONMOUTH	NJ	07748	40.416981	
-74.123134	1155755	8/9/2016 17:11	UNINTENTIONAL RELEASE OF GAS			NATURAL GAS
0.01	NO				0	YES 1
0	0	0	0	1	NO	SERVICE TEE WAS BEING REMOVED DUE TO
CORROSION LEAK			YES	NO	0	8/9/2016 12:11
8/9/2016 12:17	NO	PUBLIC PROPERTY	UNDERGROUND	EXPOSED	DUE TO EXCAVATION	
44	NO					
UNKNOWN	INVESTOR OWNED	STEEL	SERVICE	UNKNOWN	1957	4
	UNKNOWN			LEAK	0.237	
CORROSION						OTHER
0	0	0	10	10	0	CLASS 4 LOCATION 0
60	PRESSURE DID NOT EXCEED MAOP	NO			0	0 35 35
"LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"						OPERATOR EMPLOYEE
"NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"						
EXTERNAL CORROSION	YES	5	0	NO	CORROSION FAILURE	
	EXTERNAL CORROSION				GENERAL CORROSION	YES
NO	YES	NO				YES
YES	COLD APPLIED TAPE					

6/6/2016 NO

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MOBEEN KHAN DIRECTOR
mukhan@njng.com 732 919 8035 732 919 0936 9/7/2016 MOBEEN KHAN
DIRECTOR 732 919 8035 mukhan@njng.com "THE INCIDENT OCCURRED AT THE SITE
OF A CORRODED SERVICE TEE. THIS SERVICE HAD BEEN CLASSIFIED AS A BARE STEEL SERVICE.
NJNG HAS A PROGRAM TO COMPLY WITH STATE REGULATIONS WHERE BARE STEEL SERVICE IN A
DEFINED AREA IS REPLACE IF 20% OR MORE OF BARE STEEL SERVICES ARE EXHIBITING LEAKS.
DURING THIS REPLACEMENT WORK CONTRACTOR CREW DISCOVERED THE LEAK AND NOTIFIED THE
GAS COMPANY. OUR COMPANY CREW ARRIVED ON SITE AND PROCEEDED TO REPAIR/RETIRE THE
SERVICE TEE. DURING THE REPAIR PROCESS, THE CREW MECHANIC UTILIZED A TOOL TO
REMOVE THE DAMAGED SERVICE TEE THAT IS NOT RECOMMENDED FOR USE IN A GASEOUS
ENVIRONMENT, THIS TOOL MAY HAVE BEEN THE CAUSE OF IGNITION. THE CREW MECHANIC WAS
ADMITTED TO THE HOSPITAL WITH BURNS TO HIS ARMS. IN ITS INTERVIEWS WITH THE
INJURED EMPLOYEE AND HIS CREW LEADER, NJNG HAS LEARNED THE RESPONDING EMPLOYEES
FAILED TO FOLLOW THE GUIDELINES FOR WEARING PROPER FIRE PROTECTION ATTIRE BEFORE
ENTRY INTO A GASEOUS ENVIRONMENT, INCLUDING FAILURE TO USE BREATHING APPARATUS.
BOTH RESPONDING EMPLOYEES WERE FULLY TRAINED AND QUALIFIED IN CONFORMANCE WITH OUR
OPERATOR QUALIFICATION (OQ) PROGRAM AT THE TIME OF THE INCIDENT. IN ADDITION, THE
COMPANY PROVIDES SAFETY TRAINING BEYOND OQ INCLUDING FIRE SAFETY, BURN PREVENTION,
PERSONAL PROTECTIVE EQUIPMENT AND RESPIRATORY PROTECTION AND FIT TESTING.
POST-INCIDENT, NJNG'S MANAGER TRAINING & FIELD SUPPORT DISQUALIFIED BOTH RESPONDING
EMPLOYEES FROM OQ TASK #39 REMOVE SERVICE TEE OR FITTING FROM STEEL AND CAST IRON
MAINS. THEREFORE, THE RESPONDING EMPLOYEES WILL NOT PERFORM THESE TASKS UNTIL THEY
ARE RETRAINED/REQUALIFIED."
9/4/2016 2016 20160079 16374 ORIGINAL FINAL 1640 BOSTON GAS
CO 40 SYLVAN ROAD WALTHAM MA 02451 8/8/2016 10:32 107 LOW STREET
NEWBURYPORT ESSEX MA 01950 42.808176 -70.889677 1155977
8/11/2016 16:57 UNINTENTIONAL RELEASE OF GAS NATURAL GAS 3824 NO
0 YES 8/8/2016 22:20 8/9/2016 4:20 NO NO
3 8/8/2016 10:50 8/8/2016 10:56 NO PUBLIC PROPERTY UNDERGROUND
UNDER SOIL 48 NO
INVESTOR OWNED MAIN 1982
10 UNKNOWN UNKNOWN STEEL UNKNOWN
UNKNOWN MECHANICAL PUNCTURE
0.3 13 CLASS 3
LOCATION 0 2500 15000 0 5500 23000 30 0
5 55.03 55 60 PRESSURE DID NOT EXCEED MAOP YES YES YES
NO YES NOTIFICATION FROM THIRD PARTY THAT CAUSED THE INCIDENT
"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) " "INCIDENT WAS DUE TO THIRD PARTY DAMAGE, AND
WAS CONFIRMED BY FIRST RESPONDER."
NO NO
EXCAVATION DAMAGE EXCAVATION DAMAGE BY THIRD PARTY

PARTY 1/1/2015 EXCAVATION DAMAGE BY THIRD
YES YES CITY STREET YES

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CONTRACTOR TRENCHER DRAINAGE YES 20162900357
 UTILITY OWNER YES YES YES 12 DATA NOT COLLECTED
 MAP/RECORDS NOT AVAILABLE.

CORINNE BYRNES PRINCIPAL PROGRAM MANAGER FEDERAL PROGRAMS
 corinne.byrnes@nationalgrid.com 6317703549 9/1/2016 CORINNE
 BYRNES PRINCIPAL PROGRAM MANAGER FEDERAL PROGRAM 6317703549
 corinne.byrnes@nationalgrid.com "AT 10:32 ON 8/8/2016, AN EMERGENCY RESPONSE UNIT
 WAS DISPATCHED TO 107 LOW ST FOLLOWING A REPORTED HIT LINE BY A 3RD PARTY
 CONTRACTOR, GRANESE CONSTRUCTION. ONE-CALL WAS NOTIFIED BUT MAPS/RECORDS WERE NOT
 AVAILABLE. BETWEEN 12:30 AND 13:30, PREPARATIONS WERE MADE TO SHUTDOWN THE MAIN AND
 ASSOCIATED SERVICES. THREE CUSTOMERS WERE EVACUATED; A TOTAL OF 35 CUSTOMERS WERE
 OUT OF SERVICE. MAIN AND SERVICES WERE ISOLATED USING SYSTEM ISOLATION VALVES,
 COMPLETED BY 17:00. AT 22:20, MUELLER STOP-OFF FITTING WAS INSTALLED TEMPORARILY TO
 SECURE LEAK AND ADDITIONAL REPAIRS WERE MADE TO MAIN. APPROX. AN 8 FOOT SECTION OF
 MAIN WAS REPLACED. REPAIRS WERE COMPLETED BY 3:48 ON 8/9/2016, AND AT 4:20, GAS WAS
 REINTRODUCED TO MAIN AND VALVES REOPENED. AT 6:00, RELIGHTS WERE STARTED.THERE
 CURRENTLY ARE 3 ""CANNOT GET IN"" CUSTOMERS WITH CARDS LEFT TO NOTIFY THEM TO
 SCHEDULE RELIGHTS."
 8/19/2016 2016 20160072 16365 ORIGINAL 19740 "TRUSSVILLE,
 UTILITIES BOARD, CITY OF" 127 MAIN STREET TRUSSVILLE AI
 35173 8/4/2016 13:42 7550 COMMERCE CIRCLE TRUSSVILLE JEFFERSON AL
 35173 33.63905 -86.5687 1155350 8/4/2016 14:46 UNINTENTIONAL
 RELEASE OF GAS NATURAL GAS 5.3 NO
 0 NO 0 YES
 8/4/2016 14:17 8/5/2016 14:03 YES NO 0 8/4/2016 13:42
 8/4/2016 13:51 NO PRIVATE PROPERTY UNDERGROUND EXPOSED DUE TO
 EXCAVATION 15
 OTHER PUBLIC UTILITY SERVICE 2002
 1.05 ASTM D2513 DRISCOPLEX 2002 PLASTIC 2406
 POLYETHYLENE (PE) 11
 OTHER
 COMPLETELY SEVERED BY EXCAVATOR CLASS 2 LOCATION 56200 100 2000 0
 73 58373 1 0 0 41 41 60 PRESSURE DID
 NOT EXCEED MAOP NO NOTIFICATION FROM THIRD
 PARTY THAT CAUSED THE INCIDENT "NO, THE FACILITY WAS NOT MONITORED
 BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"
 YES 1 0
 NO EXCAVATION DAMAGE EXCAVATION DAMAGE BY THIRD PARTY

DAMAGE BY THIRD PARTY 1/1/2016 NO YES EXCAVATION
 YES YES PRIVATE BUSINESS YES YES
 TELECOMMUNICATIONS YES 162142492 CONTRACTOR BACKHOE/TRACKHOE
 YES 24 LOCATING PRACTICES NOT SUFFICIENT UTILITY OWNER YES NO
 MARKING OR LOCATION NOT SUFFICIENT FACILITY

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BRYAN SMITH CHIEF ENGINEER bsmith@trussville.com 2056553211 2056616051
 8/17/2016 BRYAN SMITH CHIEF ENGINEER 2056553211
 bsmith@trussville.com "ON AUGUST 1, 2016 AT 1621, WE, UTILITIES BOARD CITY OF TRUSSVILLE, WERE NOTIFIED BY 811 TO LOCATE OUR FACILITIES AT 7550 COMMERCE CIRCLE, TRUSSVILLE, AL 35173 FOR STAR CONSTRUCTION, A CONTRACTOR FOR CENTURYLINK, IN ORDER FOR THEM TO EXCAVATE A TELECOMMUNICATION LINE. WE LOCATED OUR FACILITIES FOR THE CONTRACTOR ON AUGUST 3, 2016. WE WERE NOTIFIED BY THE CONTRACTOR ON AUGUST 4, 2016 AT 1342 THAT THEY HAD HIT ONE OF OUR GAS LINES AT THIS LOCATION AND IT WAS ON FIRE. WE ARRIVED ON THE SCENE AT 1351 TO FIND A GAS SERVICE LINE HAD BEEN HIT AND WAS ON FIRE ALONG WITH THE CONTRACTOR'S MINI EXCAVATOR. THE FIRE DEPARTMENT ARRIVED ON THE SCENE AT 1347 AND PROTECTED EXPOSURES IN THE AREA OF THE FIRE WHILE WE BEGAN TO SHUT DOWN THE SERVICE LINE. WE PINCHED THE SERVICE LINE OFF APPROXIMATELY 56 FEET FROM THE DAMAGED AREA TO EXTINGUISH THE FIRE AT 1417. WE TALKED WITH THE CONTRACTOR'S OPERATOR WHO WAS EXCAVATING THE HOLE AND HE REPORTED THAT THE GAS IGNITED AS SOON AS THE LINE WAS HIT. HE STATED THAT IT SINGED HIS ARM HAIR, BUT HE WAS NOT INJURED. WITH THE CONTRACTOR'S ASSISTANCE, WE REMOVED THE MINI EXCAVATOR'S BUCKET THAT WAS STILL IN THE APPROXIMATELY 6 1/2 FOOT LONG BY 3 FOOT WIDE EXCAVATION TO SEE THE EXTENT OF THE DAMAGE. WE OBSERVED THAT THE BUCKET HAD COMPLETELY SEVERED THE 3/4 INCH PE GAS SERVICE LINE AND THE 3/4 INCH CONDUIT CONTAINING ELECTRICAL WIRES TO THE PARKING LOT LIGHTS. ALSO LOCATED IN THE HOLE WERE TWO 3/4 INCH PVC SPRINKLER LINE WITH CONTROL WIRES, A 3/4 INCH CONDUIT CONTAINING ELECTRICAL WIRES, AND A 2 INCH CONDUIT CONTAINING TELECOMMUNICATION WIRES WHICH WERE NOT DAMAGED. WE MEASURED THE DISTANCE OF THE GAS SERVICE LINE FROM LOCATE MARKS IN TWO LOCATIONS TO DETERMINE IF THE LINE WAS LOCATED WITHIN THE TOLERANCE ZONE OF THE LOCATE MARKS. THE METHOD WE USED TO DETERMINE THIS WAS WE PULLED A TAPE MEASURE FROM THE LOCATE MARK ON THE PARKING LOT CURB NEXT TO THE EXCAVATION AND LOCATE MARK BETWEEN THE EXCAVATION AND THE ROAD. WE PULLED ANOTHER TAPE 90° OFF THAT TAPE AND MEASURED TO THE CENTER LINE OF THE GAS SERVICE LINE IN TWO LOCATIONS. THE SERVICE LINE DISTANCE AT THE FIRST LOCATION, CLOSEST TO THE PARKING LOT CURB, WAS 23 3/8 INCHES AND THE DISTANCE AT THE OPPOSITE END OF THE DITCH WAS 21 INCHES FROM THE LOCATE MARK. FROM THESE MEASUREMENTS IT WAS DETERMINED THAT THE SERVICE LINE LOCATION WAS NOT IN THE TOLERANCE ZONE OF THE LOCATE MARKS. THE SERVICE LINE WAS BURIED 15 1/2 INCHES FROM THE TOP OF GROUND TO THE TOP OF THE SERVICE LINE. WE NOTIFIED THIS INCIDENT TO THE ALABAMA PUBLIC SERVICE COMMISSION AT 1423 AND TO THE NATIONAL RESPONSE CENTER AT 1446 ON AUGUST 4, 2016."

9/2/2016	2016	20160078	16373	ORIGINAL	FINAL	18484	SOUTHERN
CALIFORNIA GAS CO		555 WEST FIFTH STREET	LOS ANGELES	CA		90013	
8/3/2016 13:07	5858 SHOUP AVE	WOODLAND HILLS	LOS ANGELES	CA		91367	
34.17725	-118.61455	1155265	8/3/2016 18:29	UNINTENTIONAL RELEASE OF GAS			
NATURAL GAS	701	NO					0
NO				0	YES		8/3/2016
15:42	8/10/2016 14:11	YES	NO	0	8/3/2016 13:07		8/3/2016
13:16	NO	PUBLIC PROPERTY	UNDERGROUND	UNDER SOIL		45	NO
INVESTOR OWNED	MAIN		1982	4			UNKNOWN
UNKNOWN	PLASTIC						POLYETHYLENE (PE)
	UNKNOWN	UNKNOWN MECHANICAL PUNCTURE				4	4
		CLASS 3 LOCATION					0
11540	200	75000	ESTIMATE COST FOR THE DAMAGED BACKHOE	4206		90946	0
0	0	40	40	45	PRESSURE DID NOT EXCEED MAOP		NO

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NOTIFICATION FROM EMERGENCY RESPONDER

THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"

"NO,

NO
EXCAVATION DAMAGE BY THIRD PARTY

EXCAVATION DAMAGE

YES	YES	EXCAVATION DAMAGE BY THIRD PARTY		NO	YES	CITY STREET UTILITY
BACKHOE/TRACKHOE OWNER	YES	YES	WATER	YES	62080196	DIGALERT UTILITY
	YES	YES	NO		EXCAVATION PRACTICES NOT SUFFICIENT	
			FAILURE TO USE HAND TOOLS WHERE REQUIRED			

KHOA LE PIPELINE SAFETY AND COMPLIANCE ADVISOR

kle2@semprautilities.com 626-893-4536 9/2/2016 KHOA LE
PIPELINE SAFETY AND COMPLIANCE ADVISOR 626-893-4536 kle2@semprautilities.com
"ON AUGUST 3RD AT 13:07, A THIRD PARTY CONTRACTOR WAS DIGGING WITH A BACKHOE TO
INSTALL A FIRE SERVICE WHEN HE STRUCK A 4 INCH PLASTIC GAS MAIN CAUSING A RELEASE OF
GAS AND IGNITION. ACTUAL INCIDENT LOCATION IS 5858 SHOUP AVE, WOODLAND HILLS.
INITIAL REPORT SHOWED 5858 SHOUP AVE, LOS ANGELES. THE BACKHOE WAS EVENTUALLY
ENGULFED BY THE FIRE AND SUFFERED EXTENSIVE DAMAGE. CREW RESPONDED AND CONTROLLED
THE GAS. NO INJURIES OR OUTAGES RESULTED FROM THIS INCIDENT. ALL REPAIRS TO
THE DAMAGED MAIN WERE COMPLETED. INVESTIGATION OF THE INCIDENT SHOWED THAT
THERE WAS A VALID USA TICKET FOR THE CONTRACTOR AND THE 4 INCH GAS MAIN WAS PROPERLY
MARKED. HOWEVER, THE CONTRACTOR FAILED TO USE HAND TOOLS WHERE REQUIRED. THIS
INCIDENT WAS INITIALLY REPORTED TO THE CPUC WHEN SOCALGAS BECAME AWARE OF MEDIA
COVERAGE. AT 15:19, IT WAS DETERMINED THAT THE ASSOCIATED DAMAGE COULD POTENTIALLY
EXCEED \$50,000. THIS INCIDENT WAS THEN REPORTED TO DOT DUE TO A RELEASE OF GAS AND
THE ASSOCIATED DAMAGE EXCEEDING \$50,000. FOR ANY FURTHER QUESTIONS, CONTACT KHOA
LE AT (626) 893-4536."

8/29/2016	2016	20160077	16428	SUPPLEMENTAL	603	CENTERPOINT
ENERGY RESOURCES CORP.	1111 LOUISIANA ST. SUITE 2223D	HOUSTON TX	77002			
7/31/2016 16:18	2437 FAIRFIELD AVE.	SHREVEPORT	CADDO LA	71103		
32.291799	-93.445797	1154972	7/31/2016 20:30	UNINTENTIONAL RELEASE OF GAS		
NATURAL GAS	0	YES	0	0	0	1
YES	0	0	1	1	YES	7/31/2016
21:20	8/4/2016 14:00	YES	NO	0	7/31/2016 17:00	7/31/2016
16:53	NO	UTILITY RIGHT-OF-WAY / EASEMENT UNDERGROUND				UNDER SOIL
54	NO					
UNKNOWN	INVESTOR OWNED	MAIN	1911	4		
	UNKNOWN	CAST/WROUGHT IRON				

CRACK						LEAK
50000	11046	1360	0	0	62406	CLASS 3 LOCATION
0.5	1	PRESSURE DID NOT EXCEED MAOP			NO	0 0 1 0.5
NOTIFICATION FROM EMERGENCY RESPONDER						"NO, THE FACILITY WAS NOT
MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"						

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NO

OTHER INCIDENT CAUSE

UNKNOWN

NO

UNKNOWN "STILL UNDER INVESTIGATION, CAUSE OF
 INCIDENT TO BE DETERMINED* (*SUPPLEMENTAL REPORT REQUIRED)" JAMES TODD HEBERT
 OPERATIONS SPECIALIST james.hebert@centerpointenergy.com 337-256-2161
 11/3/2016 BOBBY R. BURNS REGIONAL OPERATIONS DIRECTOR 318-429-4495
 bobby.r.burns@centerpointenergy.com "INVESTIGATION REVEALED EROSION OF SOIL
 CAUSED DAMAGE TO CONNECTION OF THE SERVICE LINE, WHICH WAS REPAIRED ON MAY 6, 2016.
 AT THAT TIME THERE WAS NO EVIDENCE THAT THERE WAS DAMAGE TO THE CAST IRON MAIN.
 THEREAFTER IN THE SAME GENERAL AREA, UNKNOWN WORK WAS PERFORMED BY THE OPERATOR OF
 THE SEWER SYSTEM. AT THIS TIME PRELIMINARY INVESTIGATION REVEALS A ONE TIME OVERLOAD
 EVENT THAT CAUSED A FRACTURE OF THE MAIN LINE."
 8/24/2016 2016 20160075 16368 ORIGINAL FINAL 18536 SOUTHWEST
 GAS CORP 5241 SPRING MOUNTAIN ROAD LAS VEGAS NV 89150
 7/26/2016 11:30 "ON ACACIA TREE DR., 150-FEET WEST OF ANASAZI DRIVE" LAS VEGAS
 CLARK COUNTY NV 89144 36.18097 -115.328 1154508 7/26/2016
 13:28 UNINTENTIONAL RELEASE OF GAS NATURAL GAS 1425 NO
 0 YES 7/26/2016 16:04 7/27/2016 6:56 YES NO 30
 7/26/2016 11:30 7/26/2016 11:30 NO PUBLIC PROPERTY UNDERGROUND EXPOSED DUE
 TO EXCAVATION 48 NO
 4 ASTM D2513 INVESTOR OWNED MAIN 1996
 PHILLIPS UNKNOWN PLASTIC
 POLYETHYLENE (PE) 11 3408
 OTHER
 "MECHANICAL PUNCTURE - FOR EXPLANATION REFER TO NARRATIVE PART C, 5" CLASS 3
 LOCATION 25499 82668 221494 1624 PLUMBER FEES AND VEHICLE TOWING.
 2903 334188 44 0 3476 55 55 60 PRESSURE DID NOT
 EXCEED MAOP YES YES YES NO NO "LOCAL OPERATING PERSONNEL,
 INCLUDING CONTRACTORS" OPERATOR EMPLOYEE "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)
 " THE LINE WAS DAMAGED DURING EXCAVATION ACTIVITY.
 0 YES 3 0 EXCAVATION DAMAGE EXCAVATION DAMAGE BY YES 8
 OPERATOR (FIRST PARTY)

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EXCAVATION DAMAGE BY OPERATOR (FIRST PARTY)

			NO	YES	CITY STREET
					UTILITY BACKHOE/TRACKHOE
NATURAL GAS	YES	620800166		UTILITY OWNER	NO NO YES
27	LOCATING PRACTICES NOT SUFFICIENT				FACILITY MARKING OR
LOCATION NOT SUFFICIENT					

RENEE
702-365-2080

CRONISTER COMPLIANCE SPECIALIST renee.cronister@swgas.com
702-369-0542 8/24/2016 THOMAS CARDIN DIRECTOR OF GAS OPERATIONS
702-365-2028 thomas.cardin@swgas.com "SOUTHWEST GAS (COMPANY) CONSTRUCTION CREWS WERE PERFORMING MAINTENANCE TO REPLACE A 4-INCH PE VALVE, THAT HAD A PREVIOUSLY DISCOVERED NON-HAZARDOUS GRADE 2 LEAK, AND HIT A 4-INCH PE GAS LINE WITH A BACKHOE DURING EXCAVATION. PART A, 16: FIRE DEPARTMENT CONDUCTED A PRECAUTIONARY EVACUATION OF 30 OCCUPANTS AS A RESULT OF THE FIRE. PART C, 5: THE DAMAGE TO THE 4-INCH PE MAIN WAS EXTENSIVE AS A RESULT OF THE IGNITION AND SUBSEQUENT FIRE; THEREFORE, THE SIZE OF THE PUNCTURE COULD NOT BE DETERMINED. THE ESTIMATED VOLUME OF GAS RELEASED WAS CALCULATED ASSUMING A FULL 4-INCH CIRCUMFRENTIAL BREAK. PART G3, 11: SEVERAL NON-GAS UTILITIY LINE MARKINGS WERE VISIBLE IN THE AREA THE COMPANY DELINEATED FOR EXCAVATION, INCLUDING WATER, POWER AND STREET LIGHTING. COMPANY PERSONNEL DID NOT SUFFICIENTLY LOCATE AND MARK ALL OF THE GAS FACILITIES WITHIN THE DELINEATED AREA IN ACCORDANCE WITH ITS LINE LOCATING PROCEDURES. AS A RESULT OF THE COMPANY'S INVESTIGATION TO DATE, THE COMPANY BELIEVES THAT IF ITS LINE LOCATING PROCEDURES WERE FOLLOWED A DISCREPANCY IN THE ALIGNMENT OF THE FACILITY WOULD HAVE BEEN IDENTIFIED BETWEEN THE MAP, ASBUILT AND THE ACTUAL FIELD FACILITY LOCATION. PART G3, 14: IN ADDITION TO THE PRIMARY CAUSE OF INSUFFICIENT LOCATING PRACTICES THE COMPANY IDENTIFIED AN ADDITIONAL CONTRIBUTING CAUSE. THE EXCAVATION DAMAGE OCCURRED AT OR NEAR AN UNMAPPED AND NON-LOCATED 4-INCH 45 DEGREE ELBOW THAT DID NOT APPEAR ON AS-BUILT DOCUMENTATION. THE EXCAVATION DAMAGE IS BELIEVED TO HAVE OCCURRED ON A PORTION OF THE PIPE THAT CHANGED DIRECTION BECAUSE THE 4" PE MAIN AND VALVE WERE EXPOSED AND BEING SPOTTED BY COMPANY EMPLOYEES WHILE THE BACKHOE OPERATOR WAS REMOVING DIRT ADJACENT TO THE PIPELINE FACILITY."

8/24/2016	2016	20160074	16367	ORIGINAL	15348	PEOPLES GAS
SYSTEM INC	PO BOX 2562	TAMPA	FL	33601	7/25/2016 12:38	1660 S
TAMIAMI TRAIL	OSPREY	SARASOTA	FL	34229	27.172346	-82.479968
1154430	7/25/2016 19:40	UNINTENTIONAL RELEASE OF GAS		NATURAL GAS		10
NO				0	NO	
	0	YES		7/25/2016 14:00	7/25/2016 21:38	YES
NO	32	7/25/2016 12:38	7/25/2016 13:10	NO	PUBLIC PROPERTY ABOVEGROUND	
"TYPICAL ABOVEGROUND FACILITY PIPING OR APPURTENANCE (E.G. VALVE OR REGULATOR STATION, OUTDOOR METER SET)"						
				NO		
				INVESTOR OWNED		OUTSIDE
METER/REGULATOR SET			2011			
STEEL		UNKNOWN		UNKNOWN		
		OTHER				
	METER AND RISER	COMPROMISED BY OUTSIDE FORCE / DAMAGE (FIRE / HEAT)				
CLASS 3	LOCATION	60000	6000	100	0	100 66200 1
0	0	42	42	60	PRESSURE DID NOT EXCEED MAOP	YES YES
YES	NO	NO	NOTIFICATION FROM EMERGENCY RESPONDER			"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) "						
LOCALIZED EVENT AT A METER SET THAT DID NOT						

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/WOULD NOT AFFECT THE SYSTEM.

OTHER OUTSIDE FORCE DAMAGE NO
FIRE/EXPLOSION AS PRIMARY CAUSE OF INCIDENT" "NEARBY INDUSTRIAL, MAN-MADE, OR OTHER

INDUSTRIAL, MAN-MADE, OR OTHER FIRE/EXPLOSION AS PRIMARY CAUSE OF INCIDENT" "NEARBY

MARK WITECKI GAS COMPLIANCE MANAGER
mgwitecki@tecoenergy.com 813-228-4465 813-228-1770 8/24/2016 LUKE
BUZARD DIRECTOR-PIPELINE SAFETY AND OPERATIONAL SERVICES 813-228-4733
labuzard@tecoenergy.com "GREG WARNER (PROPERTY WORKER) STATED THE FIRE ALARM
SOUNDED, AND KITCHEN PERSONNEL STATED THAT GAS TO THE KITCHEN EQUIPMENT HAD STOPPED.
MR. WARNER THEN WENT TO LOOK AT THE GAS METER, AND DISCOVERED A FIRE IN THE
IMMEDIATE VICINITY OF THE METER. HE IMMEDIATELY CALLED THE FIRE DEPARTMENT UPON
DISCOVERY OF THE FIRE. PGS CUSTOMER CONTACT CENTER WAS THEN NOTIFIED BY THE FIRE
DEPARTMENT OF THE FIRE AT THE BUILDING AND METER, AND OF A GAS LEAK. UPON ARRIVAL,
THE FIRE DEPARTMENT EXTINGUISHED MOST OF FLAMES AT THE BUILDING AND METER. A SMALL
FIRE REMAINED AT THE BASE OF THE RISER TRANSITION DUE TO ESCAPING GAS. THE SERVICE
LINE THAT WAS SUPPLYING THE RISER WAS THEN EXCAVATED BY HAND, AND SQUEEZED OFF TO
PREVENT ADDITIONAL GAS FROM ESCAPING AND FUELING THE REMAINING FIRE. IT IS
BELIEVED THAT MULCH UNDER AND AROUND THE METER SET CAUGHT FIRE DUE TO A PROPERTY
EMPLOYEE DISPOSING AN UNEXTINGUISHED CIGARETTE INTO THE MULCH. AFTER THE MULCH
IGNITED, THE FIRE THEN COMPROMISED THE BOTTOM OF THE GAS METER, WHICH BREACHED THE
METER CASING, THEN ALLOWED GAS TO ESCAPE AND FUEL THE FIRE. EXCESSIVE HEAT GENERATED
BY THE FIRE THEN COMPROMISED THE INTEGRITY OF THE RISER. THAT RESULTED IN A BREACH
OF THE SYSTEM AT THE TRANSITION RISER, WHICH FUELED THE SMALLER FIRE THAT WAS
DISCOVERED AFTER THE BUILDING AND METER FIRE WAS EXTINGUISHED. THE SMALLER FIRE WAS
EXTINGUISHED AFTER GAS FLOW WAS STOPPED TO THE TRANSITION RISER."
8/16/2016 2016 20160071 16360 ORIGINAL 15007 PACIFIC GAS
& ELECTRIC CO "PG&E - GAS OPERATIONS, REGULATORY COMPLIANCE 6111 BOLLINGER CANYON
RD., " SAN RAMON CA 94583 7/16/2016 16:45 333 JOHNSON RD LOS BANOS
MERCED CA 93635 37.07272 -120.86202 1153599 7/16/2016 20:33
UNINTENTIONAL RELEASE OF GAS NATURAL GAS 1500 NO 0
YES 7/16/2016 14:00 7/18/2016 21:00 NO NO 0
7/16/2016 16:45 7/16/2016 16:45 NO PRIVATE PROPERTY UNDERGROUND
UNDER SOIL UNKNOWN NO
PRIVATELY OWNED SERVICE 1989
4 UNKNOWN UNKNOWN PLASTIC UNKNOWN UNKNOWN
RUPTURE POLYETHYLENE (PE)
CLASS 3 LOCATION 0 216602 0 0 0 216602 0
1 0 370 40 60 PRESSURE EXCEEDED 110% OF MAOP NO

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"LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"

OPERATOR EMPLOYEE "NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"

EQUIPMENT FAILURE NO MALFUNCTION OF CONTROL/RELIEF EQUIPMENT NO

MALFUNCTION OF CONTROL/RELIEF EQUIPMENT
YES

STEPHEN RAMOS COMPLIANCE ENGINEER s3rc@pge.com 9254137311
8/16/2016 SUSIE RICHMOND MANAGER REGULATORY COMPLIANCE 9253285776
gsr8@pge.com "ON JULY 16TH 2016 AT 1320 HRS, GSR RESPONDED TO ODOR CALL AT 333
JOHNSON ROAD, LOS BANOS (ADJACENT TO KAGOME FOODS). PG&E SHUT-IN THE FLOW OF GAS AT
1400 HOURS BY SHUTTING THE INLET & OUTLET VALVES AT THE PRIMARY REG STATION. AN
OVER-PRESSURE EVENT OCCURRED AT 1645 HOURS, RESULTING IN A 4" PLASTIC LINE FAILURE
AND AN UNINTENTIONAL RELEASE OF GAS. THE MAOP OF THE PLASTIC LINE IS 60 PSI, AND
THE SYSTEM WAS OVERPRESSURED TO 370 PSIG. BOTH THE REGULATOR AND MONITOR FAILED.
THE FAILURE IS STILL UNDER INVESTIGATION. THE SERVICE SUPPLIED A SINGLE CUSTOMER
(KAGOME FOODS) AND THE CUSTOMER WAS SUPPLIED WITH CNG BY 2100 HOURS WHILE PG&E CREWS
REPAIRED THE LINE. REPLACEMENT OF THE 4" PLASTIC LINE, LARGE METER SET, BOTH
REGULATOR AND MONITOR WERE COMPLETED ON 7/18/16 AT 2000 HOURS; CNG WAS REMOVED AND
THE SERVICE WAS RESTORED BY 2100 HOURS. THERE WERE NO INJURIES, NO FATALITIES, NO
IGNITION ASSOCIATED WITH THIS INCIDENT. FIRE DEPARTMENT AND POLICE DEPARTMENT WERE
REPORTED ON-SITE. THIS INCIDENT IS BEING REPORTED TO CPUC AND DOT DUE TO THE
UNINTENTIONAL RELEASE OF GAS AND ESTIMATED DAMAGES EXCEEDING \$50,000."

8/15/2016 2016 20160070 16359 ORIGINAL FINAL 15007 PACIFIC GAS
& ELECTRIC CO "PG&E - GAS OPERATIONS, REGULATORY COMPLIANCE 6111 BOLLINGER CANYON
RD., " SAN RAMON CA 94583 7/14/2016 12:32 2510 ALUM ROCK AVENUE SAN
JOSE SANTA CLARA CA 95116 37.36045 -121.83937 1153381
7/14/2016 15:07 UNINTENTIONAL RELEASE OF GAS NATURAL GAS 1500 NO

0 YES 7/15/2016 3:19 7/15/2016 13:40 NO NO
1 7/14/2016 12:32 7/14/2016 12:32 NO PUBLIC PROPERTY UNDERGROUND
UNDER SOIL 84 NO

UNKNOWN PRIVATELY OWNED OTHER SENSING LINE TEE
STEEL

UNKNOWN OTHER SENSING LINE TEE KNOCKED OFF LEAK

193073 CLASS 3 LOCATION 0 57 193073 0 0 0
NO PRESSURE DID NOT EXCEED MAOP

"LOCAL OPERATING PERSONNEL, INCLUDING
CONTRACTORS" OPERATOR EMPLOYEE "NO, THE FACILITY WAS NOT MONITORED
BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"

YES 4 0

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NO
PARTY)

EXCAVATION DAMAGE

EXCAVATION DAMAGE BY OPERATOR (FIRST

EXCAVATION DAMAGE BY OPERATOR (FIRST PARTY)
YES YES

NATURAL GAS YES 618900370 N/A
EXCAVATION PRACTICES NOT SUFFICIENT
USE HAND TOOLS WHERE REQUIRED

CITY STREET
UTILITY BACKHOE/TRACKHOE
UTILITY OWNER YES YES NO
FAILURE TO

RAMOS GAS ENGINEER s3rc@pge.com 925-413-7311 8/15/2016 STEPHEN
SUSIE RICHMOND MANAGER REGULATORY COMPLIANCE 925-328-5776 gsr8@pge.com "ON
JULY 14, 2016 AT 1232 HOURS, A PG&E M&C CREW STRUCK A 1 1/2" SENSING LINE TEE WHICH
REDUCES TO 3/4" PIPING FROM THE 10" STEEL MAIN WITH A BACKHOE NEAR 2510 ALUM ROCK
AVENUE IN THE CITY OF SAN JOSE. PG&E HAD A VALID USA TICKET (W618900370) AND PG&E
FACILITIES WERE PROPERLY LOCATED & MARKED. PG&E CREWS SHUT-IN GAS ON 7/15/16 AT 0319
HOURS BY TURNING OFF AN EXISTING VALVE AND INSTALLING A PRESSURE CONTROL FITTING
DOWNSTREAM. REPAIRS WERE COMPLETED ON 7/15/16 AT 1340 HOURS. PG&E EMPLOYEES
INVOLVED IN THE INCIDENT WERE PAT TESTED. THE POLICE DEPARTMENT, FIRE DEPARTMENT AND
MEDIA WERE REPORTED ON-SITE. THERE WERE NO IGNITION, INJURIES, OR FATALITIES
ASSOCIATED WITH THIS INCIDENT AND NO CUSTOMERS WERE IMPACTED. THIS INCIDENT IS BEING
REPORTED TO THE DOT AND CPUC DUE TO THE UNINTENTIONAL RELEASE OF GAS, REPAIR COSTS
EXCEEDING \$50,000 AND MEDIA PRESENCE."
8/7/2016 2016 20160063 16350 ORIGINAL 18484 SOUTHERN
CALIFORNIA GAS CO 555 WEST FIFTH STREET LOS ANGELES CA 90013
7/8/2016 8:08 4649 FARMDALE AVE LOS ANGELES LOS ANGELES CA
91602 34.15533 -118.38139 1152764 7/8/2016 9:33 UNINTENTIONAL
RELEASE OF GAS NATURAL GAS 24 YES 0 0 0
1 1 NO 0 YES
7/8/2016 10:33 7/8/2016 15:45 YES NO 0 7/8/2016 7:08
7/8/2016 7:08 NO PRIVATE PROPERTY ABOVEGROUND "TYPICAL ABOVEGROUND
FACILITY PIPING OR APPURTENANCE (E.G. VALVE OR REGULATOR STATION, OUTDOOR METER
SET)"
NO
1988 INVESTOR OWNED OUTSIDE METER/REGULATOR SET
STEEL
UNKNOWN UNKNOWN
OTHER MSA MELTED
BY THE FIRE. CAUSE IS UNDER INVESTIGATION AND NOT DETERMINED AT THIS TIME.
CLASS 3 LOCATION 200000 1646 200 0 144 201990 0
0 1 35 35 40 PRESSURE DID NOT EXCEED MAOP NO
NOTIFICATION FROM EMERGENCY RESPONDER "NO,
THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"
NO NO OTHER OUTSIDE FORCE DAMAGE
"NEARBY INDUSTRIAL, MAN-MADE, OR OTHER FIRE/EXPLOSION AS PRIMARY CAUSE OF INCIDENT"

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"NEARBY INDUSTRIAL, MAN-MADE, OR OTHER FIRE/EXPLOSION AS
PRIMARY CAUSE OF INCIDENT"

SAFETY AND COMPLIANCE ADVISOR kle2@semptrautilities.com KHOA LE PIPELINE
8/5/2016 KHOA LE PIPELINE SAFETY AND COMPLIANCE ADVISOR 626-893-4536
kle2@semptrautilities.com "ON JULY 8, 2016, LOS ANGELES FIRE DEPARTMENT
REPORTED A STRUCTURE FIRE AT 4649 FARMDALE AVE IN LOS ANGELES. CREW RESPONDED AND
CONTROLLED THE GAS. ONE FATALITY WAS REPORTED FROM THIS INCIDENT.
INVESTIGATION INTO THE CAUSE OF DEATH AND THE CAUSE OF FIRE ARE ONGOING.
ADDITIONALLY, IT HAS NOT BEEN DETERMINED WHETHER THE INCIDENT RESULTED FROM THE
RELEASE OF GAS OR THAT THE GAS WAS CAUSED BY THE INCIDENT. THIS INCIDENT WAS
REPORTED TO CPUC AND DOT DUE TO THE ASSOCIATED DAMAGE EXCEEDING \$50,000. A
SUPPLEMENTAL REPORT WILL BE SUBMITTED ONCE THE INVESTIGATION HAS BEEN COMPLETED.
FOR ANY FURTHER QUESTIONS, CONTACT KHOA LE AT (626) 893-4536."

8/11/2016	2016	20160068	16492	SUPPLEMENTAL FINAL	12408	DTE
GAS COMPANY	ONE ENERGY PLAZA		DETROIT MI	48226	7/6/2016 18:11	101
W. MARGARET	DETROIT	WAYNE COUNTY	MI	48203	42.425929	
-83.104056	1152596	7/6/2016 19:12	UNINTENTIONAL RELEASE OF GAS	NATURAL GAS		
0	0	NO		0	YES	0
0	0	0	1	NO	GAS SERVICE TO 101 W. MARGRET CUT	
AND CAPPED AT THE GAS MAIN				YES	YES	1
7/6/2016 18:11	7/6/2016 18:32	NO	PRIVATE PROPERTY		UNDERGROUND	
UNDER A BUILDING		UNKNOWN	NO			
			PRIVATELY OWNED		OTHER	UNKNOWN
UNKNOWN					UNKNOWN	

OTHER
THIS INCIDENT IS STILL UNKNOWN. CLASS 3 LOCATION 57127 4570 0 0
0 61697 0 0 2 2 2 2 PRESSURE DID
NOT EXCEED MAOP NO NOTIFICATION FROM EMERGENCY
RESPONDER "NO, THE FACILITY WAS NOT MONITORED BY A
CONTROLLER(S) AT THE TIME OF THE INCIDENT"
NO
OTHER INCIDENT CAUSE UNKNOWN

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UNKNOWN "INVESTIGATION COMPLETE, CAUSE OF INCIDENT UNKNOWN"

FRENAE F. SMITH MANAGER smithff@dteenergy.com 313-389-7762 313-389-7755

2/13/2017 FRENAE F. SMITH MANAGER 313-389-7762

smithff@dteenergy.com "ON JULY 6, 2016 AT 18:11 DTE GAS WAS NOTIFIED FROM 911 OF AN EXPLOSION AT 101 W. MARGARET IN DETROIT, MI. THE DTE GAS SERVICE TECHNICIAN ARRIVED ONSITE AT 18:32. WHEN THE SERVICES TECHNICIAN ARRIVED, HE REPORTED THAT THE FIRE HAD SPREAD AN ADJACENT HOMES. DTE GAS COORDINATED WITH FIRST RESPONDERS TO CONTAIN THE INCIDENT BY DISCONNECTING THE GAS SERVICES AT THE GAS MAIN. A NATURAL GAS LEAK INVESTIGATION WAS CONDUCTED AND NO NATURAL GAS LEAKS WERE DETECTED. THERE WAS ONE INJURY TO THE OCCUPANT AT 101 W. MARGARET. DTE GAS WAS UNABLE TO RETRIEVE THE GAS METER ASSEMBLY BECAUSE THE DEMOLITION CONTRACTOR PERFORMED THE DEMOLITION WITHOUT CONTACTING DTE GAS AS REQUESTED. DTE GAS HAS COMPLETED ITS INVESTIGATION AND HAVE DETERMINED THE CAUSE AS ""UNKNOWN"". ACCORDING TO DETROIT FIRE DEPARTMENT ARSON UNIT, THE CAUSE OF THE EXPLOSION IS UNKNOWN. SEVERAL ATTEMPTS BY DETROIT FIRE DEPARTMENT ARSON UNIT WERE MADE TO TALK TO THE CUSTOMER WHO WAS HOME AT THE TIME OF THE EXPLOSION, HOWEVER, HE WAS UNRESPONSIVE WHILE IN THE HOSPITAL. I AM TOLD THE CUSTOMER WAS RELEASED AFTER SEVERAL WEEKS IN THE HOSPITAL AND INVESTIGATORS HAVE NOT BEEN ABLE TO LOCATE HIM TO CONDUCT THEIR FOLLOW UP."

8/11/2016 2016 20160064 16482 SUPPLEMENTAL FINAL 12408 DTE

GAS COMPANY ONE ENERGY PLAZA DETROIT MI 48226 7/2/2016 3:03 3900

GREENFIELD MELVINDALE WAYNE COUNTY MI 48122 42.293083

-83.17532 1152248 7/2/2016 3:31 UNINTENTIONAL RELEASE OF GAS NATURAL GAS

24010 NO 0 YES 0

0 0 0 1 1 YES 7/2/2016 3:09 7/12/2016

12:00 YES YES 1000 7/2/2016 3:03 7/2/2016 3:13 NO

OPERATOR-CONTROLLED PROPERTY ABOVEGROUND "TYPICAL ABOVEGROUND FACILITY PIPING OR APPURTENANCE (E.G. VALVE OR REGULATOR STATION, OUTDOOR METER SET)"

NO

PRIVATELY OWNED OTHER "PIPE 3"" NIPPLE ON A BLOW-OFF & 30-INCH PIPELINE"

2010 STEEL

UNKNOWN UNKNOWN

MECHANICAL PUNCTURE 0.7 12

CLASS 3 LOCATION 706000 4723666 0 0 82595

5512261 2 0 1 540 540 540 PRESSURE DID NOT EXCEED MAOP

YES YES YES YES YES "SCADA-BASED INFORMATION (SUCH AS ALARM(S),

ALERT(S), EVENT(S), AND/OR VOLUME OR PACK CALCULATIONS)" "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) " VEHICLE CRASHED INTO AN ABOVE GROUND PIPING

CAUSING THE INCIDENT.

NO NO

OTHER OUTSIDE FORCE DAMAGE "DAMAGE BY CAR, TRUCK, OR OTHER MOTORIZED

VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION"

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"DAMAGE BY

CAR, TRUCK, OR OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION"
THIRD PARTY

smithfff@dteenergy.com 313-389-7762 FRENAE F. SMITH 1/18/2017 FRENAE F. SMITH 313-389-7757
MANAGER smithfff@dteenergy.com "ON JULY 2, 2016 AT 02:59 DTE GAS WAS NOTIFIED OF A FIRE FROM THE MELVINDALE FIRE DEPARTMENT AT 3900 GREENFIELD IN MELVINDALE, MI. THE DTE GAS SERVICE TECHNICIAN TEAM ARRIVED ONSITE AT 03:10 AND IT WAS CONFIRMED THAT A VEHICLE HAD HIT ABOVE GROUND PIPING OF A 3" NIPPLE ON A BLOW-OFF WHICH LEAD TO A RUPTURE OF A 30-INCH PIPELINE OPERATING AT 540 PSIG AT THE DTE GAS RIVER ROUGE FACILITY. DTE GAS COORDINATED WITH FIRST RESPONDERS TO CONTAIN THE INCIDENT. IT WAS DETERMINED THAT THE VEHICLE CROSSED THROUGH THE STATION YARD AND STRUCK THE 3" NIPPLE ON A BLOW-OFF, THE LEAKING GAS DID IGNITE WHICH CAUSE THE 30-INCH PIPELINE RUPTURE. THERE WAS ONE INJURY TO THE DRIVER. THE DRIVER APPEARS TO HAVE BEEN INTOXICATED PRIOR TO THE VEHICLE STRIKING THE 3" NIPPLE ON A BLOW-OFF. DTE GAS CONTROL WAS ABLE TO CLOSE THE REMOTE VALVE AND THE LEAKING GAS WAS STOPPED. AS A RESULT OF THE INCIDENT, OAKWOOD HOSPITAL, DEARBORN INDUSTRIAL GENERATION AND MARATHON DETROIT REFINERY WERE WITHOUT HIGH PRESSURE GAS. OAKWOOD HOSPITAL WAS RETURN TO SERVICE ON AFTERNOON OF JULY 2, 2016. DEARBORN INDUSTRIAL GENERATION AND MARATHON DETROIT REFINERY WERE RETURNED TO SERVICE AT 12 NOON ON JULY 12, 2016. REMEDIATION OF THE RIVER ROUGE GAS FACILITY WAS COMPLETED IN SEPTEMBER OF 2016."

7/30/2016 2016 20160062 16454 SUPPLEMENTAL FINAL 2748
CONSUMERS ENERGY CO ONE ENERGY PLAZA JACKSON MI 49201 6/30/2016
7:39 NORTHEAST CORNER OF E 4TH ST AND N ALMONT AVE IMLAY CITY LAPEER MI
48444 43.025673 -83.07737 1152125 6/30/2016 16:00 UNINTENTIONAL
RELEASE OF GAS NATURAL GAS 736 NO
0 NO 0 YES
6/30/2016 12:45 6/30/2016 15:45 NO NO 34 6/30/2016 7:39
6/30/2016 8:38 NO UTILITY RIGHT-OF-WAY / EASEMENT UNDERGROUND UNDER SOIL
36 NO
D2513 PRIVATELY OWNED MAIN 2014 4 ASTM
PERFORMANCE PIPE 2014 PLASTIC
POLYETHYLENE (PE) 11 2708
MECHANICAL PUNCTURE 3 5
CLASS 3 LOCATION 0 4265 56 0 5490 9811
4 0 6 45 45 60 PRESSURE DID NOT EXCEED MAOP YES
YES YES NO NO NOTIFICATION FROM THIRD PARTY THAT CAUSED THE
INCIDENT "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) " INCIDENT OCCURRED AS
A RESULT OF A THIRD PARTY DAMAGE

EXCAVATION DAMAGE EXCAVATION DAMAGE BY THIRD PARTY NO

PARTY YES YES EXCAVATION DAMAGE BY THIRD
Page 79 YES

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YES CITY STREET
 CONTRACTOR UNKNOWN/OTHER UNKNOWN/OTHER YES 61671615 MISS
 DIG - TICKET NUMBER A61671615 CONTRACT LOCATOR UNKNOWN/OTHER
 UNKNOWN/OTHER YES 3 EXCAVATION PRACTICES NOT SUFFICIENT
 FAILURE TO USE HAND TOOLS WHERE REQUIRED

KARLI MCNEILL G ENGINEER I karli.mcneill@cmsenergy.com 734-524-6350
 12/9/2016 AMANDA WARD GAS REGULATORY SERVICES LEAD 517-545-8746
 amanda.ward@cmsenergy "ON JUNE 30, 2016 AT APPROXIMATELY 07:39 A FOUR INCH PLASTIC
 NATURAL GAS PIPELINE WAS STRUCK BY A CONTRACTOR AT THE NORTHEAST CORNER OF N. ALMONT
 AVENUE AND E 4TH ST, IMLAY CITY, MICHIGAN (LAPEER COUNTY) RESULTING IN BLOWING GAS.
 POLICE AND FIRE PERSONNEL BLOCKED TRAFFIC AND EVACUATED APPROXIMATELY 10
 RESIDENCES AND 7 COMMERCIAL BUSINESSES AS A SAFETY PRECAUTION. CONSUMERS ENERGY
 PERSONNEL PERFORMED A SQUEEZE-OFF PROCEDURE STOPPING THE FLOW OF GAS AT
 APPROXIMATELY 12:45. NATURAL GAS SERVICE WAS INTERRUPTED TO TEN CUSTOMERS WHILE THE
 DAMAGE SECTION WAS REPAIRED. SERVICE WAS RESTORED TO THE IMPACTED CUSTOMERS AT
 21:00. ORIGINAL PRELIMINARY GAS LOSS CALCULATION INDICATED 5,000 MCF WAS
 RELEASED. AFTER FURTHER INVESTIGATION, ACTUAL GAS LOSS IS 736 MCF AND IS UPDATED
 ACCORDINGLY IN THIS SUPPLEMENTAL REPORT, ALONG WITH COST OF GAS RELEASED. THE
 ORIGINAL STAKING TICKET WAS COMPLETED ON JUNE 22, 2016. THERE IS PHOTOGRAPHIC
 EVIDENCE THAT STAKING WAS COMPLETED CORRECTLY AT THAT TIME. AFTER AN INVESTIGATION
 DONE BY CONSUMERS ENERGY DAMAGE PREVENTION, IT WAS FOUND THAT THE MISS DIG RESTAKING
 REQUEST WAS SUBMITTED ON JUNE 29TH AND WAS DUE ON JUNE 30TH BY 12:58 PM. THE
 CONTRACTOR DAMAGED THE FACILITY AROUND 7:40 AM ON JUNE 30TH, BEFORE RESTAKING WAS
 DUE OR COMPLETED."
 10/28/2016 2016 20160110 16419 ORIGINAL FINAL 12878 MOUNTAINEER
 GAS CO 501 56TH ST. SE CHARLESTON WV 25304 6/23/2016 21:00
 PATTERSON ST & BIG DRAFT RD WHITE SULPHUR SPRINGS GREENBRIER WV
 25986 37.79479 -80.30133 1151498 6/24/2016 8:35 REASONS OTHER THAN
 RELEASE OF GAS 50 NO
 0 NO 0 YES
 6/23/2016 21:00 6/25/2016 9:00 NO NO 0 6/23/2016 21:00
 6/23/2016 21:00 NO PRIVATE PROPERTY ABOVEGROUND OTHER SEE
 NARRATIVE. NO
 PRIVATELY OWNED OTHER SEE NARRATIVE. UNKNOWN
 OTHER SEE NARRATIVE. OTHER
 SEE NARRATIVE. CLASS 2
 LOCATION 0 567000 201000 0 SEE NARRATIVE. 200 768200 169
 0 1308 32 32 36 PRESSURE DID NOT EXCEED MAOP NO
 "LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"
 OPERATOR EMPLOYEE "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) " SEE NARRATIVE.
 NO NO NATURAL FORCE DAMAGE HEAVY
 RAINS/FLOODS

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HEAVY RAINS/FLOODS YES OTHER SEE NARRATIVE. YES
 YES SEE NARRATIVE.

PHILIP KINGREY ENGINEER
 philipkingrey@mgcwv.com 888-420-4427 10/28/2016 THOMAS WESTFALL
 DIRECTOR OF GAS SUPPLY AND TECHNICAL SERVICES 888-420-4427
 thomaswestfall@mgcwv.com "A CATASTROPHIC RAINFALL EVENT IN THE EASTERN REGION
 OF WEST VIRGINIA CREATED A FLASH FLOOD THAT INUNDATED THE TOWN OF WHITE SULPHUR
 SPRINGS AND CAUSED DAMAGE TO LOCAL BUSINESSES AND RESIDENCES. A STATE OF EMERGENCY
 WAS DECLARED BY THE GOVERNOR. THE PIPELINE SEGMENTS THAT WERE AFFECTED BY THE
 FLOODWATERS WERE SHUT DOWN BY LOCAL OPERATIONS PERSONNEL, REPAIRED OR REPLACED AS
 NECESSARY, AND RESTORED TO SERVICE WHERE CUSTOMERS WERE ABLE TO RECEIVE GAS SERVICE.
 RESPONDING TO THE EMERGENCY COST APPROXIMATELY \$201,000 AND DAMAGE TO COMPANY
 PROPERTY COST APPROXIMATELY \$567,000. GIVEN THE SCOPE OF THE DAMAGE, IT IS DIFFICULT
 TO QUANTIFY THE TOTAL COST OF PUBLIC PROPERTY DAMAGE. THE PROPERTY DAMAGES THAT
 OCCURRED DID NOT OCCUR AT THE MOMENT OF THE RELEASE OF GAS, AND WERE NOT CAUSED BY
 OR THE RESULT OF THE RELEASE OF GAS."
 10/28/2016 2016 20160111 16420 ORIGINAL FINAL 12878 MOUNTAINEER
 GAS CO 501 56TH ST. SE CHARLESTON WV 25304 6/23/2016 21:00
 ELKVIEW CROSSINGS MALL RD ELKVIEW KANAWHA WV 25071 38.45693
 -81.49815 1151499 6/24/2016 9:00 REASONS OTHER THAN RELEASE OF GAS
 74 NO 0 YES 6/23/2016 21:00 7/5/2016
 16:00 NO NO 0 6/23/2016 21:00 6/23/2016 21:00 NO
 PRIVATE PROPERTY UNDERGROUND UNDER PAVEMENT UNKNOWN YES
 YES UNCAGED Little Sandy Creek
 UNKNOWN PRIVATELY OWNED MAIN 1989 2
 UNKNOWN UNKNOWN PLASTIC
 POLYETHYLENE (PE) UNKNOWN UNKNOWN OTHER
 SEE NARRATIVE. CLASS 2
 LOCATION 0 47000 500 0 SEE NARRATIVE. 300 47800 27
 0 0 15 15 30 PRESSURE DID NOT EXCEED MAOP NO
 "LOCAL OPERATING PERSONNEL, INCLUDING CONTRACTORS"
 OPERATOR EMPLOYEE "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) " SEE NARRATIVE.
 NO NO NATURAL FORCE DAMAGE HEAVY
 RAINS/FLOODS

HEAVY RAINS/FLOODS YES WASHOUTS/SCOURING YES
 YES CATASTROPHIC RAINFALL EVENT

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philipkingrey@mgcwv.com 888-420-4427 10/28/2016 PHILIP KINGREY ENGINEER
 DIRECTOR OF GAS SUPPLY AND TECHNICAL SERVICES 888-420-4427 THOMAS WESTFALL
 thomaswestfall@mgcwv.com "A CATASTROPHIC RAINFALL EVENT IN THE CENTRAL REGION
 OF WEST VIRGINIA CREATED A FLASH FLOOD THAT WASHED OUT THE LARGE CULVERT UNDER THE
 ELKVIEW CROSSINGS MALL ROAD. A STATE OF EMERGENCY WAS DECLARED BY THE GOVERNOR.
 MOUNTAINEER GAS COMPANY'S PIPELINE THAT PROVIDED GAS TO THE BUSINESSES AT THE MALL
 WAS DAMAGED AND SHUT DOWN BY LOCAL OPERATIONS PERSONNEL. MOUNTAINEER GAS HAS
 RELOCATED ITS PIPELINE AND RESTORED SERVICE TO OUR CUSTOMERS. SINCE THE EVENT, THE
 ROAD TO THE MALL HAS NOT BEEN RECONSTRUCTED. THE PROPERTY DAMAGES THAT OCCURRED WERE
 NOT CAUSED BY OR THE RESULT OF THE RELEASE OF GAS."

7/13/2016	2016	20160061	16452	SUPPLEMENTAL FINAL	2748
CONSUMERS ENERGY CO	ONE ENERGY PLAZA	JACKSON MI	49201	6/13/2016	
22:09	13400 DENVER DRIVE	HARTLAND	LIVINGSTON COUNTY	MI	
48353	42.6281 -83.69	1150568	6/14/2016 1:10	UNINTENTIONAL RELEASE OF GAS	
NATURAL GAS	154	NO			0
YES	0	0	1	1	YES 6/14/2016
2:08	7/6/2016 14:21	YES	NO	0	6/13/2016 22:31 6/13/2016
23:20	NO	PRIVATE PROPERTY	ABOVEGROUND	"TYPICAL ABOVEGROUND	
FACILITY PIPING OR APPURTENANCE (E.G. VALVE OR REGULATOR STATION, OUTDOOR METER SET)"					
NO					
PRIVATELY OWNED					
1998	OUTSIDE METER/REGULATOR SET				
					PLASTIC
OTHER				POLYETHYLENE (PE)	11
					2708
METER AND RISER DAMAGE DUE TO VEHICLE IMPACT					
330	0	1148	20449	0	0
PRESSURE DID NOT EXCEED MAOP					NO
FROM EMERGENCY RESPONDER					NOTIFICATION
"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) "					
"DAMAGE WAS CAUSED BY EXTERNAL FORCE, NOT DUE TO ANY OPERATOR ACTIONS"					
NO					NO
OTHER OUTSIDE FORCE DAMAGE					"DAMAGE BY
CAR, TRUCK, OR OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION"					

"DAMAGE BY CAR, TRUCK, OR OTHER MOTORIZED VEHICLE/EQUIPMENT NOT
 ENGAGED IN EXCAVATION" THIRD PARTY

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KARLI MAYER
 9892954218
 GENERAL ENGINEER I karli.mayer@cmsenergy.com
 12/6/2016 AMANDA WARD GAS REGULATORY SERVICES LEAD 248-431-0888
 amanda.ward@cmsenergy.com "ON JUNE 13, 2016, AT APPROXIMATELY 22:09 HOURS, A
 VEHICLE EXITED THE ROAD AND STRUCK A PEDESTAL CONTAINING BOTH GAS AND ELECTRIC
 METERS, RESULTING IN DAMAGE TO BOTH METERS AND THE 5/8" SERVICE RISER. THE ESCAPING
 GAS IGNITED, CAUSING DAMAGE TO THE HOME AT 13400 DENVER DR, HARTLAND TWP, MICHIGAN
 (LIVINGSTON COUNTY). THE MOTORIST WAS TAKEN TO THE HOSPITAL BY AMBULANCE, IT IS
 UNKNOWN IF INJURIES REQUIRED AN OVERNIGHT STAY OR IF INJURIES WERE CAUSED BY IMPACT
 OR IGNITION. CONSUMERS ENERGY PERSONNEL ARRIVED ON SITE AT 23:20, AND CALLED FOR
 A FULL CREW AT 23:27. THE CREW ARRIVED AT 00:02, AND SQUEEZED OFF THE MAIN AT 02:08,
 RESTRICTING GAS FEED TO THE HOME. SURROUNDING HOMES WERE BAR TESTED AT ALL FOUR
 CORNERS, AND NO GAS WAS PRESENT. THE SERVICE RISER WAS CUT AND CAPPED THAT NIGHT,
 AND REPLACED ON 7/6/2016."
 7/12/2016 2016 20160060 16341 ORIGINAL FINAL 31348 ATMOS ENERGY
 CORPORATION - MID-TEX "5420 LBJ FREEWAY, SUITE 1800" DALLAS TX 75240
 6/13/2016 11:23 SHELL ROAD & SEQUOIA SPUR GEORGETOWN WILLIAMSON TX
 78628 30.68552 -97.71607 1150511 6/13/2016 11:55 UNINTENTIONAL
 RELEASE OF GAS NATURAL GAS 1578 NO
 0 NO 0 YES
 6/13/2016 12:20 6/13/2016 18:00 YES NO 0 6/13/2016 11:23
 6/13/2016 11:30 NO PRIVATE PROPERTY UNDERGROUND EXPOSED DUE TO
 EXCAVATION 72 NO
 PRIVATELY OWNED MAIN 1997
 8 PE2406 DRISCOPIPE 1997 PLASTIC 2406
 POLYETHYLENE (PE) 11.5
 MECHANICAL PUNCTURE 24 8
 CLASS 1 LOCATION 0 500 167000 0 500
 168000 2 0 1424 19 20 60 PRESSURE DID NOT EXCEED MAOP
 NO NOTIFICATION FROM THIRD PARTY THAT CAUSED
 THE INCIDENT "NO, THE FACILITY WAS NOT MONITORED BY A
 CONTROLLER(S) AT THE TIME OF THE INCIDENT"
 NO
 NO EXCAVATION DAMAGE EXCAVATION DAMAGE BY THIRD PARTY
 YES EXCAVATION
 DAMAGE BY THIRD PARTY YES YES
 NO YES PRIVATE LANDOWNER YES
 DEVELOPER TRENCHER YES SITE DEVELOPMENT
 YES 1665287819 TEXAS811 CONTRACT LOCATOR YES YES YES
 24 EXCAVATION PRACTICES NOT SUFFICIENT FAILURE TO
 MAINTAIN CLEARANCE

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OPERATIONS SUPERVISOR michael.labay@atmosenergy.com 512-310-3820 512-310-3880
 7/12/2016 MARLO SUTTON COMPLIANCE DIRECTOR 214-206-2033
 marlo.sutton@atmosenergy.com "A THIRD-PARTY EXCAVATOR WAS WORKING IN AN AREA OF
 CLEARLY-MARKED GAS FACILITIES. WHILE PERFORMING TRENCHING WORK, THE EXCAVATOR
 STRUCK AN 8" PE MAIN OWNED BY ATMOS ENERGY OPERATING AT 19 PSIG. THE GAS
 ULTIMATELY IGNITED REQUIRING ATMOS ENERGY TO ISOLATE THE DAMAGED SECTION. THIS
 RESULTED IN THE INTERRUPTION OF GAS SERVICE TO 1,424 CUSTOMERS."
 8/11/2016 2016 20160066 16446 SUPPLEMENTAL FINAL 12408 DTE
 GAS COMPANY ONE ENERGY PLAZA DETROIT MI 48226 6/10/2016 17:01 6800
 GRATIOT DETROIT WAYNE COUNTY MI 48207 42.369644
 -83.020507 1150277 6/10/2016 20:01 UNINTENTIONAL RELEASE OF GAS NATURAL GAS
 160 NO 0 YES 0
 0 0 0 1 1 NO THE SERVICE TO THE VACANT BUILDING
 WAS CUT AND CAPPED. YES NO 1 6/10/2016
 17:01 6/10/2016 17:36 NO PRIVATE PROPERTY ABOVEGROUND "TYPICAL
 ABOVEGROUND FACILITY PIPING OR APPURTENANCE (E.G. VALVE OR REGULATOR STATION,
 OUTDOOR METER SET)" NO
 PRIVATELY OWNED OUTSIDE
 METER/REGULATOR SET UNKNOWN
 STEEL UNKNOWN
 LEAK UNKNOWN
 CRACK
 79654 1 CLASS 3 LOCATION 78000 1648 0 0 6
 0 0 0 10 10 10 PRESSURE DID NOT EXCEED MAOP
 NO NOTIFICATION FROM EMERGENCY RESPONDER
 "NO, THE FACILITY WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE
 INCIDENT"
 NO NO
 OTHER OUTSIDE FORCE DAMAGE "DAMAGE BY CAR, TRUCK, OR OTHER MOTORIZED
 VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION"

"DAMAGE BY
 CAR, TRUCK, OR OTHER MOTORIZED VEHICLE/EQUIPMENT NOT ENGAGED IN EXCAVATION"
 THIRD PARTY

smithff@dteenergy.com 313-389-7762 313-389-7755 11/29/2016 FRENAE F. SMITH
 SMITH MANAGER 313-389-7762 smithff@dteenergy.com "ON JUNE 10, 2016 AT 17:01
 DTE GAS WAS NOTIFIED FROM 911 THAT A VEHICLE HIT A COMMERCIAL BUILDING AT 6800
 GRATIOT IN DETROIT, MI. THE DTE GAS SERVICE TECHNICIAN ARRIVED ONSITE AT 17:36 AND
 IT WAS CONFIRMED THAT A VEHICLE HAD HIT THE VACANT COMMERCIAL BUILDING DAMAGING THE
 OUTSIDE GAS METER. THIS RESULTED IN A RELEASE OF NATURAL GAS. DTE GAS COORDINATED

incident_gas_distribution_jan2010_present

WITH FIRST RESPONDERS TO CONTAIN THE INCIDENT. LEAKING GAS DID IGNITE, AND THERE WAS ONE INJURY TO THE DRIVER. THE SERVICE LINE TO THIS BUILDING WAS DISCONNECTED FROM THE MAIN AND IS NOT IN SERVICE."

7/2/2016	2016	20160058	16334	ORIGINAL	792	ATLANTA GAS
LIGHT CO	10	PEACHTREE PLACE NE	ATLANTA GA	30309	6/3/2016 8:44	
JOSEPH E LOWERY BLVD	ATLANTA FULTON	GA	30318	33.76217014	-84.41702914	
1149649	6/3/2016 19:59	UNINTENTIONAL RELEASE OF GAS	NATURAL GAS			
608.42	NO		0	YES	0	0
0	1	0	1	YES	6/3/2016 9:27	6/3/2016 11:30
NO	NO	0	6/3/2016 8:44	6/3/2016 9:00	NO	PUBLIC PROPERTY
UNDERGROUND	EXPOSED	DUE TO EXCAVATION	4	NO		
						PRIVATELY OWNED
MAIN	2001	2	ASTM D2513	UNKNOWN		UNKNOWN
PLASTIC				POLYETHYLENE (PE)		11
	2406		MECHANICAL PUNCTURE	1.9	1.9	
			CLASS 3 LOCATION	0		100
10262	0	513	10875	0	0	62
45						45
PRESSURE DID NOT EXCEED MAOP	NO					
FROM THIRD PARTY THAT CAUSED THE INCIDENT						"NO, THE FACILITY
WAS NOT MONITORED BY A CONTROLLER(S) AT THE TIME OF THE INCIDENT"						
NO						
DAMAGE BY THIRD PARTY	NO			EXCAVATION DAMAGE		EXCAVATION

	EXCAVATION DAMAGE BY THIRD PARTY				YES
YES		YES	YES	CITY STREET	
				CONTRACTOR	BACKHOE/TRACKHOE
SEWER (SANITARY/STORM)	YES	5.2563E+12		CONTRACT LOCATOR	YES
YES	YES	7	EXCAVATION PRACTICES NOT SUFFICIENT		
FAILURE TO VERIFY LOCATION BY TEST-HOLD (POT-HOLING)					

RALPH MCCOLLUM SR. COMPLIANCE ENGINEER rmccollu@agresources.com
 (404) 584-3733 (404) 584-4710 7/2/2016 RICHARD R LONN MANAGING DIRECTOR
 COMPLIANCE AND PRM (404) 584-3552 rlonn@agresources.com A 2-INCH PLASTIC
 MAIN WITH ONE-WAY FEED WAS RUPTURED BY A CONTRACT CREW WHILE INSTALLING SEWER. ONE
 EMPLOYEE FOR THE CONTRACT CREW WAS IN THE EXCAVATION WHEN THE PLASTIC MAIN WAS
 STRUCK BY ANOTHER EMPLOYEE OPERATING A BACKHOE WHERE THE EMPLOYEE IN THE EXCAVATION
 WAS TAKEN TO THE HOSPITAL AS A PRECAUTION FOR CHEST PAINS. THE COMPANY WAS ABLE TO
 LATER DETERMINE THAT THE EMPLOYEE WAS BEING HELD OVERNIGHT FOR OBSERVATION. AT THIS
 POINT IT WAS DETERMINED THAT THE INCIDENT RESULTED IN AN INPATIENT HOSPITALIZATION
 MEETING THE THRESHOLD FOR REPORTING. NOTIFICATION TO THE ONE-CALL CENTER WAS MADE
 WHERE THE MAIN WAS ACCURATELY LOCATED AND MARKED BEFORE DAMAGE OCCURRED.
 7/1/2016 2016 20160057 16333 SUPPLEMENTAL 18456 SOUTHEAST
 ALABAMA GAS DISTRICT P.O. BOX 1338 ANDALUSIA AL 36420 6/2/2016
 6:15 103 ROBERTS STREET HEADLAND HENRY AL 36345 31.351925
 -85.344286 1149455 6/2/2016 8:20 REASONS OTHER THAN RELEASE OF GAS
 18 NO 0 YES 0

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5/22/2017 5:18:58 PM

in

Case No(s). 17-1298-GA-CSS

Summary: Exhibit E (Part 1 of 8) to Motion for Temporary Injunction, Request for Expedited Ruling and a Complaint Against Columbia Gas of Ohio, Inc. electronically filed by Mr. Christopher J. Allwein on behalf of German Village Society, Inc.