

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990001 **Condition Number(s)** 5
Operator ID **Operator Name** Oklahoma Natural Gas
Principal Business Address
Street 100 West Fifth **City** Tulsa
State OK **Zip** 74102
Interstate No **System Type** 1
Report Date 1/8/1999 **Receipt Date** 1/8/1999
Reporting Official Robert F. Smith
Reporting Official Title Chief Engineer **Phone** 9185887350
Determining Person David E. Wood
Determining Person Title Regional Manager **Phone** 4055566438

PART 2

Date of Condition Discovered 1/1/1999
Discovery Notes Technician discovered regulator failure.
Date Condition Determined to Exist 1/8/1999
Location of Condition
Condition State OK **Condition City** Near Edmond
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Malfunction or operating error

PART 4

Pipeline Product Natural Gas
Description of Condition On January 1, a pipeline distribution system carrying natural gas was found to be in excess of its 60 psig MAOP.
Significant Effects Possibly exceeding design criteria of PE pipeline and associated fittings.
Discovery Circumstances A technician received notification of blowing gas from a nearby pipeline. Investigation lead to the discovery of a regulator failure due to freeze off of pilots (due to fluids in pipeline).
Corrective Action Taken Regulator setting was turned off. Regulators were disassembled, cleaned, reassembled, and returned to service. Pipeline was repaired at coupling failure. Leakage survey performed twice.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Monthly leakage survey for the next 6 months. Will install heaters on regulators. Monitor and replace as necessary any pipeline and appurtances.		
Follow-up Begin Date 1/8/1999	Follow-up Complete Date 7/8/1999	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 1/13/1999	Region SOUTHWES	
Date Sent to State 1/13/1999	State/Agency OKCC	
OPS_Representative Linda Daugherty	Date 1/13/1999	
Complete Notes		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990001 **Condition Number(s)** 5
Operator Name Oklahoma Natural Gas
Date of Safety-Related Condition 1/8/1999 **Date of Follow-Up** 1/22/1999
Further Follow-Up Reports Y **Date Expected** 3/1/1999
Action Taken By Region THE OKLAHOMA CORPORATION COMMISSION IS REVIEWING ACTION TAKEN BY OPERATOR.
Action Taken By Operator OKLAHOMA NATURAL GAS (ONG) IDENTIFIED THE AREA OF OVER PRESSURE AND HAS BEEN CONDUCTING LEAK SURVEYS OF THE AREA. JANUARY 29, 1999, ONLY TWO STOP COCKS AT THE METER HAVE BEEN FOUND TO HAVE MINOR LEAKS. BOTH WERE REPAIRED. ONG COULD NOT DETERMINE IF THE LEAKS WERE CAUSED BY THE OVER PRESSURE OR JUST A NORMAL OCCURRENCE. ONG HAS CONDUCTED A COMPUTER MODEL OF THE OVER PRESSURE AND HAS DETERMINED THAT 138 ACCOUNTS MAY HAVE SEEN A PRESSURE IN EXCESS OF 125 PSIG. A REVIEW OF THE REGULATORS IN THE AFFECTED AREA INDICATED THAT ALL HAD WORKING PRESSURES OF 125 PSIG OR GREATER. DURING THE WEEK OF FEBRUARY 1 - 5, 1999, ONG WILL PULL AND INSPECT ALL 138 REGULATORS. ONG WILL CONTINUE LEAK SURVEYING THE SYSTEM FOR THE NEXT FOUR MONTHS.
Date Repair **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurred** Y
Prepared by DENNIS FOTHER **Reviewed by** R. M. SEELEY

Report ID 19990001 **Condition Number(s)** 5
Operator Name Oklahoma Natural Gas
Date of Safety-Related Condition 1/8/1999 **Date of Follow-Up** 5/20/1999
Further Follow-Up Reports Y **Date Expected** 6/20/1999
Action Taken By Region The Oklahoma Corporation Commission (OCC) is reviewing action taken by the operator. OCC has this information in their files.
Action Taken By Operator Operator to conduct leak surveys and replace where necessary.
Date Repair **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurred** Y
Prepared by OCC/T. Binns **Reviewed by** R. M. Seeley

Report ID 19990001 **Condition Number(s)** 5
Operator Name Oklahoma Natural Gas
Date of Safety-Related Condition 1/8/1999 **Date of Follow-Up** 7/29/1999
Further Follow-Up Reports N **Date Expected** 8/28/1999
Action Taken By Region The Oklahoma Corporation Commission requested that ONG evaluate all service regulators that experienced a pressure in excess of 125 psig. A computerized model identified 112 service regulators that were affected. ONG elected to replace all 112 service regulators. The regulator was examined and no damage was found. Ten regulators were sent to the manufacturer and were found in good working condition.
Action Taken By Operator ONG conducted system leaks surveys on January 2, January 4, February 1 and March 1, 1999. The first survey revealed two leaks in addition to the failed electro fusion coupling. The leak was on a service tee and a service stop. Both were minor and were repaired. Subsequent surveys failed to locate any additional leaks. Since the pressure in the system may have exceeded the operating pressure of the service regulators (125 psig), ONG was requested by the Commission to evaluate all service regulators that experienced a pressure in excess of 125 psig. A computerized model was used to define the area of concern.

SAFETY-RELATED CONDITION REPORT

Date Repair 6/1/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPFNumber** **Concur** N
Prepared by OCC/T. Binns **Reviewed by** R. M. Seeley

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990002 **Condition Number(s)** 5
Operator ID **Operator Name** Southern Indiana Gas and Electric Company
Principal Business Address
Street 20 N.W. FOURTH STREET **City** EVANSVILLE
State IN **Zip** 47741
Interstate No **System Type** 1
Report Date 1/7/1999 **Receipt Date** 1/8/1999
Reporting Official David Hodges
Reporting Official Title Sup-Gas Meter Ops&Syste **Phone** 8124644618
Determining Person David Hodges
Determining Person Title Sup-Gas Meter Ops&System **Phone** 8124644618

PART 2

Date of Condition Discovered 12/14/1998
Discovery Notes SCADA differential alarm
Date Condition Determined to Exist 12/29/1998
Location of Condition
Condition State IN **Condition City** Evansville
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Malfunction or operating error

PART 4

Pipeline Product Natural gas
Description of Condition Overpressure of piping at regulator station due to cracked pilot seat and a collapsed diaphragm on the feed regulator. The monitor regulator had multiple slits around the cage/diaphragm interface area.
Significant Effects Potential overpressure of downstream piping.
Discovery Circumstances SCADA differential alarm alerted personnel to over-pressure situation.
Corrective Action Taken The cracked pilot seat and both the feed and monitor diaphragms were replaced.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Damaged parts will be analyzed and new Fischer Controls diaphragm replacement kit for 399 regulators will be installed.		
Follow-up Begin Date	Follow-up Complete Date	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 1/13/1999	Region	CENTRAL
Date Sent to State 1/13/1999	State/Agency	IRUC
OPS_Representative Linda Daugherty	Date	1/13/1999
Complete Notes Dates not specified.		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990002 **Condition Number(s)** 5
Operator Name Southern Indiana Gas and Electric Company
Date of Safety-Related Condition 1/7/1999 **Date of Follow-Up** 1/20/1999
Further Follow-Up Reports N **Date Expected**
Action Taken By Region The state was notified of the situation by the company and does not believe that there are any further concerns. (per Larry Nisley, IURC.)
Action Taken By Operator The company found that the operator and monitor had failed and shut that rundown within the hour and brought the pressure within the MAOP. Both the operator and monitor were repaired the next day. The operator is currently talking with Fisher Controls to help determine why the regulators failed.
Date Repair 12/15/1998 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concur** Y
Prepared by Hans Shieh **Reviewed by** Ivan Hunttoon

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990003 Condition Number(s) 5
 Operator ID Operator Name Southern Indiana Gas and Electric Company
Principal Business Address
 Street 20 N.W. FOURTH STREET City EVANSVILLE
 State IN Zip 47741
 Interstate No System Type 1
 Report Date 1/7/1999 Receipt Date 1/8/1999
 Reporting Official David Hodges
 Reporting Official Title Sup-Gas Meter Ops&Syste Phone 8124644618
 Determining Person David Hodges
 Determining Person Title Sup-Gas Meter Ops&System Phone 8124644618

PART 2

Date of Condition Discovered 12/21/1998
 Discovery Notes Pressure increase-pilots blocked by ice.
 Date Condition Determined to Exist 12/29/1998
Location of Condition
 Condition State IN Condition City Mt. Vernon
 Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Malfunction or operating error

PART 4

Pipeline Product Natural gas
 Description of Condition The pilot vents on the feed and monitor regulators were completely block by ice. Overpressure of pipingto 100 psig (MAOP 60 psig)
 Significant Effects Overpressure of piping may result in dangerous leaks and pipeline failure.
 Discovery Circumstances Gas control noted high pressure alarm at regulator
 Corrective Action Taken The pilot vents were thawed and system returned to operation. The company has installed larger non-Fischer vents on one regulator.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action The area will be leak surveyed after the frozen ground thaws.		
Follow-up Begin Date	Follow-up Complete Date	
<u>Jurisdictional To (Region or State/Agency abbrev)</u>		
Date sent to Region 1/13/1999	Region CENTRAL	
Date Sent to State 1/13/1999	State/Agency IRUC	
OPS_Representative Linda Daugherty	Date 1/13/1999	
Complete Notes Dates not specified.		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990003

Condition Number(s) 5

Operator Name Southern Indiana Gas and Electric Company

Date of Safety-Related Condition 1/7/1999 Date of Follow-Up 1/20/1999

Further Follow-Up Reports N Date Expected

Action Taken By Region The company notified the state of the situation and the state does not believe that there are any further concerns. (per Larry Nisley, IURC).

Action Taken By Operator The company responded to a high pressure alarm and brought the pressure back down to the MAOP within an hour and a half. The cause was the vents for the regulators were frozen over during the ice storm. The company thawed them out and then replaced them with a larger vent the next day. They are evaluating other stations for the same set up and will replace accordingly. They will also leak survey the system when the ground thaws out.

Date Repair 12/22/1998 Resulted in Incident After N

Date of Incident

Enforcement Action Taken N CPF Number Concur Y

Prepared by Hans Shieh Reviewed by Ivan Hunttoon

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990004 **Condition Number(s)** 1
Operator ID **Operator Name** Columbia Gas Transmission Corporation
Principal Business Address
Street 1700 MacCorkle Ave., SW P.O. Box 1273 **City** Charleston
State WV **Zip** 25325
Interstate Yes **System Type** 1
Report Date 1/12/1999 **Receipt Date** 1/12/1999
Reporting Official John S. Zurcher
Reporting Official Title Manager, Pipeline Safety **Phone** 3043572669
Determining Person Andrew Lake
Determining Person Title District Superintendent **Phone** 6077210101

PART 2

Date of Condition Discovered 1/7/1999
Discovery Notes Leak caused by corrosion pitting.
Date Condition Determined to Exist 1/7/1999
Location of Condition
Condition State NY **Condition City** Warwick
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition Leak caused by corrosion pitting. The pipe is 10-inch, 0.279 wall, Grade B, uncoated and cathodically protected. Possible bacterial influence.
Significant Effects A dwelling is within approximately 340 feet from the site.
Discovery Circumstances
Corrective Action Taken Upon discovery, leak clamps were installed. After further evaluation, a crack was discovered. As a result 28.8 feet of piping was installed.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action None planned.
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 1/13/1999 **Region** EASTERN
Date Sent to State 1/13/1999 **State/Agency** NYPSC
OPS_Representative Linda Daugherty **Date** 1/13/1999
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990004 **Condition Number(s)** 1
Operator Name Columbia Gas Transmission Corporation
Date of Safety-Related Condition 1/12/1999 **Date of Follow-Up** 2/23/1999
Further Follow-Up Reports Y **Date Expected** 4/30/1999
Action Taken By Region NY-PSC MONITORED THE REMEDIAL WORK(REPLACEMENT OF 9 FT. OF PIPE). NY-PSCAWAITING METALLURGICAL REPORT ANALYSIS FROM COLUMBIA.
Action Taken By Operat PIPE CLAMP WAS INSTALLED; SUBSEQUENTLY 28 FT. WAS 10-INCH DIA PIPE WAS REPLACEDWITH 0.365 WALL/X60 COATED PIPE. CAUSE OF LEAK APPEARS TO BE DUE TO CORROSION,BACTERIAL PRESENCE WAS SUSPECTED. PIPE WILL BE METALLURIGICALLY ANALYZED.
Date Repair 1/9/1999 **Resulted in Incident After** Y
Date of Incident 1/7/1999
Enforcement Action Taken N **CPFNumber** **Concur** N
Prepared by DINO N. RATHOI **Reviewed by**

Report ID 19990004 **Condition Number(s)** 1
Operator Name Columbia Gas Transmission Corporation
Date of Safety-Related Condition 1/12/1999 **Date of Follow-Up** 4/1/1999
Further Follow-Up Reports Y **Date Expected** 7/16/1999
Action Taken By Region OPS/NY-PSC IS CURRENTLY REVIEWING INFORMATION SUBMITTED BY COLUMBIA(LONG TERMREMEDIATIONS AND VERIFICATION PLANS).
Action Taken By Operat LEAK WAS DUE TO GENERAL CORROSION RESULTING IN WALL THICKNESS REDUCTION.COLUMBIA HAS INCREASED LEAKAGE SURVEYS IN PERTINENT AREAS AS OF MARCH 1999.
Date Repair **Resulted in Incident After**
Date of Incident
Enforcement Action Taken N **CPFNumber** **Concur** N
Prepared by DINO N. RATHOI **Reviewed by**

Report ID 19990004 **Condition Number(s)** 1
Operator Name Columbia Gas Transmission Corporation
Date of Safety-Related Condition 1/12/1999 **Date of Follow-Up** 7/2/1999
Further Follow-Up Reports Y **Date Expected** 10/15/1999
Action Taken By Region NY-PSC INSEPECTORS REVIEWING THE REMEDIAL WORK.
Action Taken By Operat SAMPLES WERE COLLECTED FOR ANALYSIS. PRESENCE OF SULFUR REDUCING BACTERIA WASOBSERVED BUT NO ACID PROCUCING BACTERIA. GENERAL CORROSION WAS DICOVERED ATTHE BOTTOM OF PIPE.
Date Repair **Resulted in Incident After**
Date of Incident
Enforcement Action Taken N **CPFNumber** **Concur** N
Prepared by DINO N. RATHOI **Reviewed by**

Report ID 19990004 **Condition Number(s)** 1
Operator Name Columbia Gas Transmission Corporation
Date of Safety-Related Condition 1/12/1999 **Date of Follow-Up** 12/3/1999
Further Follow-Up Reports N **Date Expected** 1/2/2000
Action Taken By Region NY-PSC PERFORMED FOLLOW-UP INSPECITONS AND OBSERVED REMEDIAL ACITONS BYCOLUMBIA. NO ADDITONAL FOLLOW-UPS. NY-PSC RECOMMENDS SRCR CLOSURE.

SAFETY-RELATED CONDITION REPORT

Action Taken By Operator COLUMBIA REPLACED 29 FT OF 10-INCH 0.279"WALL THICKNESS WITH 10-INCH, 0.365WALL, X60 COATED PIPE. INITIAL CORROSION TESTING INDICATED BACTERIAL CORROSION-SUBSEQUENTLY FOUND TO BE SULFUR REDUCING. NO FURTHER REMEDIAL MEASURES

Date Repair 1/10/1999 **Resulted in Incident After** N

Date of Incident

Enforcement Action Taken N **CPFNumber** **Concurred** Y

Prepared by DINO N. RATHOL **Reviewed by** Phillip Nguyen

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990005 **Condition Number(s)** 5
Operator ID **Operator Name** Sinclair Pipeline Company
Principal Business Address
Street 550 EAST SOUTH TEMPLE **City** SALT LAKE C
State UT **Zip** 84102
Interstate Yes **System Type** 3
Report Date 1/25/1999 **Receipt Date** 1/25/1999
Reporting Official Don K. Neuwerth
Reporting Official Title District Manager **Phone** 3073283549
Determining Person Don K. Neuwerth
Determining Person Title District Manager **Phone** 3073283549

PART 2

Date of Condition Discovered 1/16/1999
Discovery Notes Pipeline overpressure during line switch
Date Condition Determined to Exist 1/16/1999
Location of Condition
Condition State WY **Condition City** Sinclair - ???
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Malfunction or operating error

PART 4

Pipeline Product Crude oil
Description of Condition Inadequate pressure relief protection on a 275 PSI MAOP meter manifold. Improper valve alignment in the crude tank manifold piping has resulted in overpressure of pipeline.
Significant Effects Not identified by Sinclair.
Discovery Circumstances Discovered when operator swung the two pipeline valves required to switch the incoming crude oil stream from a sour tank to a sweet tank. Valves were not properly aligned and pipeline was overpressured.
Corrective Action Taken Temp. corrected with revised operating procedure. All of the refinery valves are being chained and locked in the open position. When changes are made, they are being made with two valves and two operations people present operating the valves.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Installation of a relief valve and tank at the station.
Follow-up Begin Date 1/25/1999 **Follow-up Complete Date** 2/25/1999
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 1/26/1999 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative Linda Daugherty **Date** 1/25/1999
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990005 **Condition Number(s)** 5
Operator Name Sinclair Pipeline Company
Date of Safety-Related Condition 1/25/1999 **Date of Follow-Up** 3/25/1999
Further Follow-Up Reports N **Date Expected** 4/24/1999
Action Taken By Region FOLLOW UP BY OPS
Action Taken By Operator INSTALLATION OF A RELIEF VALVE AND RELIEF TANK AT THE
PUMP STATION WAS COMPLETED ON 3/25/1999
Date Repair 3/25/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurred** Y
Prepared by HADDOW **Reviewed by** KATCHMAR

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990006 **Condition Number(s)** 1
Operator ID **Operator Name** Tosco Pipeline Co
Principal Business Address
Street P.O. Box 661 **City** San Luis Obispo
State CA **Zip** 93406
Interstate No **System Type** 3
Report Date 2/17/1999 **Receipt Date** 2/23/1999
Reporting Official Peter L. Schnieders
Reporting Official Title Manager Northern Pipeline **Phone** 8055477200
Determining Person Chuck Harris
Determining Person Title Data Analyst **Phone** 2814428282

PART 2

Date of Condition Discovered 2/12/1999
Discovery Notes Identified by high resolution pig
Date Condition Determined to Exist 2/12/1999
Location of Condition
Condition State CA **Condition City** San Luis Obispo County
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product gas oil
Description of Condition A 81% metal loss feature in the #1 line 400. The specific nature of the anomaly is not yet known.
Significant Effects The anomaly is located in a cased crossing of highway 101. The pipeline is currently idle.
Discovery Circumstances Identified by high resolution internal inspection.
Corrective Action Taken Tosco will repair the anomaly as soon as possible after obtaining necessary permits.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action If the line returns to service before repair can be made, pressure will be reduced as required.
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 3/15/1999 **Region** WESTERN
Date Sent to State 3/18/1999 **State/Agency** CASFM
OPS_Representative Linda Daugherty **Date** 3/18/1999
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990006 **Condition Number(s)** 1
Operator Name Tosco Pipeline Co
Date of Safety-Related Condition 2/17/1999 **Date of Follow-Up** 11/23/1999
Further Follow-Up Reports Y **Date Expected** 12/23/1999
Action Taken By Region TRACKED BY OPS AND CASFM
Action Taken By Operator PIPELINE IS OUT OF SERVICE AND PURGED. THE OPERATOR IS
WAITING FOR PERMITS TO REPLACE PIPELINE.
Date Repair **Resulted in Incident After**
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurred** N
Prepared by HADDOW **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990007 Condition Number(s) 5
 Operator ID Operator Name EXXON COMPANY, USA, REFINING DEPARTMENT
Principal Business Address
 Street P. O. Box 551 City BATON ROUG
 State LA Zip 70821
 Interstate No System Type 3
 Report Date 2/19/1999 Receipt Date 2/26/1999
 Reporting Official Shawn A. Wentz
 Reporting Official Title Section Supervisory,Zone I Phone 5043594406
 Determining Person Grayson Fleming
 Determining Person Title Feed Controller Phone 2253597698

PART 2

Date of Condition Discovered 2/12/1999
 Discovery Notes Alarm sounded on process control comp.
 Date Condition Determined to Exist 2/12/1999
Location of Condition
 Condition State LA Condition City BATON ROUGE
 Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Malfunction or operating error

PART 4

Pipeline Product crude oil
 Description of Condition ATF P-8 was energized during #2 crude pipeline start up against tank field block valve located 3 miles away in the Baton Rough Refinery resulting in an overpressure condition.
 Significant Effects The pipeline is in the R-O-W of an active highway and railroad. A release would have likely entered the Mississippi River.
 Discovery Circumstances Alarm sounded on Honeywell TDC - 3000 process control computer.
 Corrective Action Taken The pipeline was shutdown and valves, flanges, ROW at river crossings were visually inspected for signs of leaks prior to re-start of pump. The employee was counseled on the importance of verifying proper valve line up prior to energizing main line pump.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Line will be upgraded from 150# to 300# system. Will reestablish higher over- pressure alarm setting of 630 psi from current 313 psi.		
Follow-up Begin Date 2/12/1999	Follow-up Complete Date 6/1/1999	
<u>Jurisdictional To (Region or State/Agency abbrev)</u>		
Date sent to Region 3/15/1999	Region SOUTHWES	
Date Sent to State 3/18/1999	State/Agency LA DNR	
OPS_Representative Linda Daugherty	Date 2/18/1999	
Complete Notes		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990007 **Condition Number(s)** 5
Operator Name EXXON COMPANY, USA, REFINING DEPARTMENT
Date of Safety-Related Condition 2/19/1999 **Date of Follow-Up** 3/26/1999
Further Follow-Up Reports N **Date Expected** 4/25/1999
Action Taken By Region INSTRUCTED OPERATOR TO INTENSIFY THE TRAINING OF ALL
EMPLOYEES CONCERNING THE START-UP AND SHUT-DOWN OF THE
PIPELINE.
Action Taken By Operator OPERATOR IS IN THE PROCESS OF UP-RATING ALL PIPELINES TO A
HIGHER MOP.
Date Repair 2/12/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrent** Y
Prepared by DANA ARABIE/T **Reviewed by** R.M. SEELEY

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990008 **Condition Number(s)** 8
Operator ID 2552 **Operator Name** COLONIAL PIPELINE CO
Principal Business Address
Street 945 East Paces Ferry Road P.O. Box 188 **City** ATLANTA
State GA **Zip** 30326
Interstate Yes **System Type** 3
Report Date 2/23/1999 **Receipt Date** 2/23/1999
Reporting Official JAMES A. COX
Reporting Official Title Codes and Standards Lead **Phone** 4048412396
Determining Person Jim Lummus
Determining Person Title Project Manager **Phone** 4098422022

PART 2

Date of Condition Discovered 2/17/1999
Discovery Notes Discovered by internal inspection tool.
Date Condition Determined to Exist 2/17/1999
Location of Condition
Condition State TX **Condition City** Deer Park
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Material defect due to gas or liquid

PART 4

Pipeline Product Hazardous liquid
Description of Condition Buckle in line pipe.
Significant Effects Not identified.
Discovery Circumstances The anomaly was located as a result of an internal inspection tool run. It was exposed on February 17, 1999.
Corrective Action Taken The average discharge pressure at Houston Station for ten days prior to the exposure of the buckle was 264 psig. This discharge pressure was restricted to 200psig until a repair can be completed.

PART 5

Reduced Pressure From (PSIG) 264 **To(PSIG)** 200 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Repair of buckle.
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 3/18/1999 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Linda Daugherty **Date** 3/18/1999
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990008 **Condition Number(s)** 8
Operator Name COLONIAL PIPELINE CO
Date of Safety-Related Condition 2/23/1999 **Date of Follow-Up** 3/23/1999
Further Follow-Up Reports N **Date Expected** 4/22/1999
Action Taken By Region Observed repair of buckle utilizing epoxy sleeve technology.
Action Taken By Operator Reduced pressure, installed epoxy sleeve over buckle on the pipeline
and returned pipeline to normal operating pressure.
Date Repair 3/5/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence** Y
Prepared by Juan Mendoza **Reviewed by** Larry Atwell

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990009 **Condition Number(s)** 1
Operator ID **Operator Name** Alyeska Pipeline
Principal Business Address
Street P.O. Box 60489 **City** Fairbanks
State AK **Zip** 99706
Interstate Yes **System Type** 3
Report Date 3/16/1999 **Receipt Date** 3/19/1999
Reporting Official William D. Howitt
Reporting Official Title Senior Vice President **Phone** 9074569417
Determining Person Bill F. Flanders
Determining Person Title Not Listed **Phone** 9074569478

PART 2

Date of Condition Discovered 3/12/1999
Discovery Notes Excavation because of smart pig anomaly
Date Condition Determined to Exist 2/13/1999
Location of Condition
Condition State AK **Condition City**
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Crude Oil
Description of Condition General longitudinal wall loss at the bottom of pipe and around girth weld. Theregion of general exterior corrosion was approximately 20 feet long.
Significant Effects The integrity of the line was not in question at any time.
Discovery Circumstances An excavation was performed as a result of instrumented pig data.
Corrective Action Taken The pressure capability of the corroded segment of pipe was calculated at 899 psig using the RSTRENG method. The MAOP of the segment of pipe was derated to 899psig to 901 psig. The pipe has been recoated. Additional cathodic protection in the form of anodes have been installed.

PART 5

Reduced Pressure From (PSIG) 901 **To(PSIG)** 899 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action The pipeline will be monitored through future pig runs, corrosion investigations and surveys
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 3/19/1999 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative Linda Daugherty **Date** 3/19/1999
Complete Notes Ongoing.

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990009 **Condition Number(s)** 1
Operator Name Alyeska Pipeline
Date of Safety-Related Condition 3/16/1999 **Date of Follow-Up** 4/1/1999
Further Follow-Up Reports N **Date Expected** 5/1/1999
Action Taken By Region investigated corrosion
Action Taken By Operator derated MOP from 901 to 899 due to wall lose caused by corrosion.
Date Repair 3/16/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPFNumber** **Concur** Y
Prepared by HADDOW **Reviewed by** KATCHMAR

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990010 **Condition Number(s)** 8
Operator ID **Operator Name** The Gas Company
Principal Business Address
Street 555 W. Fifth Street **City** Los Angeles
State CA **Zip** 90013
Interstate No **System Type** 1
Report Date 3/9/1999 **Receipt Date** 3/15/1999
Reporting Official Greg Roddick
Reporting Official Title Safety Manager **Phone** 2132445730
Determining Person Geral Nichol
Determining Person Title Distric Operations Manager **Phone** 6617632813

PART 2

Date of Condition Discovered 3/3/1999
Discovery Notes Leakage found on line
Date Condition Determined to Exist 3/3/1999
Location of Condition
Condition State CA **Condition City** Kern County
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Imminent hazard

PART 4

Pipeline Product natural gas
Description of Condition This is on Line 80.90 which is a 22", 0.281" wall Grade "a" (24,000#) pipe. This line operates at over 20% of SMYS. Leakage found on line and age combination made it advisable to lower operating pressure.
Significant Effects Not specified. Note that condition exists near Hwy 119 E and Elk Hills Road.
Discovery Circumstances Not specified.
Corrective Action Taken Looking at alternatives, including abandonment, replacement and/or repair. Engineering review and cost analysis to determine next steps.

PART 5

Reduced Pressure From (PSIG) 400 **To(PSIG)** 200 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Abandonment, replacement and/or repair.
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 3/29/1999 **Region** WESTERN
Date Sent to State 3/29/1999 **State/Agency** CA PUC
OPS_Representative Linda Daugherty **Date** 3/29/1999
Complete Notes Dates not specified

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990010 **Condition Number(s)** 8
Operator Name The Gas Company
Date of Safety-Related Condition 3/9/1999 **Date of Follow-Up** 11/22/1999
Further Follow-Up Reports N **Date Expected**
Action Taken By Region TRACKED BY OPS AND CAPUC
Action Taken By Operator ABANDONED PIPELINE
Date Repair 10/31/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrent** Y
Prepared by HADDOW **Reviewed by** STAHOVIAK

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990011 **Condition Number(s)** 2
Operator ID **Operator Name** The Gas Company
Principal Business Address
Street 555 W. Fifth Street **City** Los Angeles
State CA **Zip** 90013
Interstate No **System Type** 1
Report Date 3/19/1999 **Receipt Date** 3/22/1999
Reporting Official Greg Roddick
Reporting Official Title Safety Manager **Phone** 2132445730
Determining Person Pete Pietrzak
Determining Person Title Field Operations Supervisor **Phone** 8056817924

PART 2

Date of Condition Discovered 3/18/1999
Discovery Notes Earth movement identified by employee
Date Condition Determined to Exist 3/19/1999
Location of Condition
Condition State CA **Condition City** Ventura County
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Environmental causes

PART 4

Pipeline Product Natural gas
Description of Condition This condition exists on Line 1003, a 16 inch, 150#, , 0.250" wall, X30 grade steel pipeline. The line operates over 20% of SMYS. Earth movement was discovered directly over the pipeline.
Significant Effects
Discovery Circumstances Discovered by employee who was performing scheduled drip run. Concern confirmed by consulting geologist.
Corrective Action Taken The section of the line where the condition exist was shut in. The condition is being reviewed by a consul-ting geologist.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes** Date not specified
Planned Follow-up/Corrective Action Further action and completion dates will be determined pending the completed review
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 3/29/1999 **Region** WESTERN
Date Sent to State 3/29/1999 **State/Agency** CA PUC
OPS_Representative Linda Daugherty **Date** 3/29/1999
Complete Notes Dates not specified

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990011 **Condition Number(s)** 2
Operator Name The Gas Company
Date of Safety-Related Condition 3/19/1999 **Date of Follow-Up** 11/22/1999
Further Follow-Up Reports N **Date Expected**
Action Taken By Region TRACKED BY OPS AND CAPUC
Action Taken By Operator RELOCATED PIPELINE OUTSIDE SLIDE AREA
Date Repair 10/31/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence** Y
Prepared by HADDOW **Reviewed by** STAHOVIAK

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990012 **Condition Number(s)** 4
Operator ID **Operator Name** Koch Gateway Pipeline Company
Principal Business Address
Street 520 Alliance St. **City** Kenner
State LA **Zip** 70062
Interstate Yes **System Type** 1
Report Date 3/26/1999 **Receipt Date** 3/26/1999
Reporting Official Wayne F. St. Germain
Reporting Official Title Not Specified **Phone** 3189887102
Determining Person Not Specified Christie Lassere
Determining Person Title Area Manager **Phone** 5044695903

PART 2

Date of Condition Discovered 3/20/1999
Discovery Notes Discovered while repairing another dent.
Date Condition Determined to Exist 3/20/1999
Location of Condition
Condition State LA **Condition City** Marrero
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Material defect due to gas or liquid

PART 4

Pipeline Product Natural Gas
Description of Condition Gouge in dent involving weld requires repair to prevent outward movement.
Significant Effects Not specified.
Discovery Circumstances While repairing a dent a contractor put in the pipe, (the operator was) digging around the pipeline and removed some dirt near the dent and discovered another dent near a weld.
Corrective Action Taken The pressure was lowered to 660# and a split sleeve was installed over the first dent. The pressure will remain below 660# until a sleeve is installed over second dent.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** 660 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Sleeve ordered for second dent. Should receive it in 3 weeks. Was ordered on 03/23/99.
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 3/29/1999 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Linda Daugherty **Date** 3/29/1999
Complete Notes Dates not specified.

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990012 **Condition Number(s)** 4
Operator Name Koch Gateway Pipeline Company
Date of Safety-Related Condition 3/26/1999 **Date of Follow-Up** 4/30/1999
Further Follow-Up Reports N **Date Expected** 4/30/1999
Action Taken By Region 4/28/99,BILL BERTGES OBSERVED THE REPAIR OF THE SUBJECT SRC.
Action Taken By Operator THE OPERATOR WELD OVER A SPECIAL MADE SPLIT SLEEVE ON
THE DAMAGED SEGMENT. THE OTHER TWO DAMAGE AREAS WERE
REPAIRED BY INSTALLING FULL ENCIRCLEMENT
WELDOVERSLEEVES AS AN ADDED PRECAUTION.
Date Repair 4/28/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence** Y
Prepared by Lisa S Wu **Reviewed by** R.M SEELEY

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990013 **Condition Number(s)** 8
Operator ID **Operator Name** Kentucky Hydrocarbon
Principal Business Address
Street 72 Maple Street **City** Langley
State KY **Zip** 41645
Interstate No **System Type** 3
Report Date 4/7/1999 **Receipt Date** 4/7/1999
Reporting Official James Keith Hayes
Reporting Official Title Plant Manager **Phone** 6062853949
Determining Person James Keith Hayes
Determining Person Title Plant Manager **Phone** 6062853949

PART 2

Date of Condition Discovered 4/1/1999
Discovery Notes Leak reported by third party.
Date Condition Determined to Exist 4/2/1999
Location of Condition
Condition State WV **Condition City** Kermit
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Imminent hazard

PART 4

Pipeline Product Natural Gas Liquids
Description of Condition Small amount of vapors exiting the pipeline approx. 100 feet from a valve box. The cause of the leak was not indicated.
Significant Effects Not stated.
Discovery Circumstances Third party notified company of gas odor. Personnel confirmed gas odor but did not identify the leak until the following day.
Corrective Action Taken Pipeline was shut down until repairs were made five days later. 100 feet of pipeline was replaced.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action 4/2/1999 **Notes**
Planned Follow-up/Corrective Action None stated.
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 4/16/1999 **Region** EASTERN
Date Sent to State **State/Agency**
OPS_Representative Linda Daugherty **Date** 4/16/1999
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990013 **Condition Number(s)** 8
Operator Name Kentucky Hydrocarbon
Date of Safety-Related Condition 4/7/1999 **Date of Follow-Up** 11/22/1999
Further Follow-Up Reports N **Date Expected** 12/22/1999
Action Taken By Region
Action Taken By Operator Replaced 70' of pipe.
Date Repair 4/25/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurred** Y
Prepared by Joy O. Kadnar **Reviewed by** Phillip Nguyen

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990014 **Condition Number(s)** 1
Operator ID **Operator Name** Koch Gateway Pipeline Company
Principal Business Address
Street P.O. Box 1229 **City** Kenner
State LA **Zip** 70063
Interstate Yes **System Type** 1
Report Date 4/12/1999 **Receipt Date** 4/16/1999
Reporting Official Wayne F. St. Germain
Reporting Official Title Not Specified **Phone** 3189887102
Determining Person Not Specified Christie Lassere
Determining Person Title Area Manager **Phone** 5044695903

PART 2

Date of Condition Discovered 4/12/1999
Discovery Notes None noted
Date Condition Determined to Exist 4/12/1999
Location of Condition
Condition State LA **Condition City** Quarantine Bay Meter St
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition General Corrosion Pitting on a meter tube.
Significant Effects None stated.
Discovery Circumstances None stated.
Corrective Action Taken Meter tube has been isolated.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Work has been scheduled with the contrac-tor and has been ordered.
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 4/16/1999 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Linda Daugherty **Date** 4/16/1999
Complete Notes Dates not specified.

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990014 **Condition Number(s)** 1
Operator Name Koch Gateway Pipeline Company
Date of Safety-Related Condition 4/12/1999 **Date of Follow-Up** 4/12/1999
Further Follow-Up Reports N **Date Expected** 5/12/1999
Action Taken By Region BILL BERTGES OBSERVED THE REMOVAL THE SUBJECT SRCR
6-INCH CORRODED METER TUBELOCATED ON PENNZOIL'S
QUARANTINE BAY PLATFORM ON 4/22/1999.
Action Taken By Operator THE OPERATOR REPLACED WITH NEW PRETESTED FABRICATED
4-IN SPOOL PIPE. THECORRODED VALVE HANDLES WERE
REPLACED AND THE METER RUN WAS PAINTED.
Date Repair 4/22/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPFNumber** **Concur** Y
Prepared by LISA SUEN WU **Reviewed by** R. M. SEELEY

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990015 **Condition Number(s)** 1
Operator ID **Operator Name** Lone Star Pipeline Company
Principal Business Address
Street 301 S. Harwood Street, 509 North **City** Dallas
State TX **Zip** 75201
Interstate No **System Type** 1
Report Date 4/9/1999 **Receipt Date** 4/9/1999
Reporting Official M.E. English
Reporting Official Title General Superintendent- P. **Phone** 2146702732
Determining Person M.E. English
Determining Person Title General Superintendent-PL C **Phone** 2146702732

PART 2

Date of Condition Discovered 3/28/1999
Discovery Notes A corrosion leak was discovered on Line8
Date Condition Determined to Exist 4/6/1999
Location of Condition
Condition State TX **Condition City** Bryan
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Leak that constitutes an emergency

PART 4

Pipeline Product Natural Gas
Description of Condition A corrosion leak was discovered. At the time of the leak, the operating pressure was 330 psig and general corrosion was determined to exist.
Significant Effects Not Specified. It is noted that the leak is near a public street.
Discovery Circumstances Not specified.
Corrective Action Taken The operating pressure was reduced from 330 to 150 psig and a temporary leak clamp was installed.

PART 5

Reduced Pressure From (PSIG) 330 **To(PSIG)** 150 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action To accomplish a permanent repair, the road crossing will be replaced.
Follow-up Begin Date **Follow-up Complete Date** 6/1/1999
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 4/16/1999 **Region** SOUTHWES
Date Sent to State 4/16/1999 **State/Agency** TXRRC
OPS_Representative Linda Daugherty **Date** 4/16/1999
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990015 **Condition Number(s)** 1
Operator Name Lone Star Pipeline Company
Date of Safety-Related Condition 4/9/1999 **Date of Follow-Up** 5/6/1999
Further Follow-Up Reports N **Date Expected**
Action Taken By Region The Railroad Commission of Texas (RCT) personnel contacted the operator and verified the action to be taken. RCT has this information in their files.
Action Taken By Operator Operator to replace the road crossing.
Date Repair 5/6/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrent** Y
Prepared by RCT/T. Binns **Reviewed by** R. M. Seeley

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990016 **Condition Number(s)** 8
Operator ID **Operator Name** Duke Energy
Principal Business Address
Street 5400 WESTHEIMER COURT **City** HOUSTON
State TX **Zip** 77056
Interstate Yes **System Type** 2
Report Date 4/20/1999 **Receipt Date** 4/21/1999
Reporting Official Dwayne Teschendorf
Reporting Official Title Senior Engineer **Phone** 7136275573
Determining Person Andy Davidson
Determining Person Title Division Operations Supervisor **Phone** 6175601496

PART 2

Date of Condition Discovered 4/19/1999
Discovery Notes Low temperatures observed.
Date Condition Determined to Exist 4/19/1999
Location of Condition
Condition State RI **Condition City** Providence
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Imminent hazard

PART 4

Pipeline Product LNG
Description of Condition Low temperatures were observed in the area of one of the tank outlet piping vaults.
Significant Effects None specified.
Discovery Circumstances
Corrective Action Taken All LNG must be removed from the tank to determine the cause of the temperature variation.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Corrective actions have been taken and temperatures have returned to normal. The tank's condition will be evaluated after the tank is emptied.		
Follow-up Begin Date 4/20/1999	Follow-up Complete Date	6/4/1999
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 4/26/1999	Region	EASTERN
Date Sent to State	State/Agency	
OPS_Representative Linda Daugherty	Date	4/26/1999
Complete Notes It will take 30-45 days to empty tank.		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990016 **Condition Number(s)** 8
Operator Name Duke Energy
Date of Safety-Related Condition 4/20/1999 **Date of Follow-Up** 12/15/1999
Further Follow-Up Reports N **Date Expected** 1/15/2000
Action Taken By Region
Action Taken By Operator evacuate the tank, internally inspect, and repair the transfer pump recirculation line, and put the tank back into service late October 1999.
Date Repair 10/30/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurred** Y
Prepared by Chuck Behounek **Reviewed by** Phillip Nguyen

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990017 Condition Number(s) 1
 Operator ID Operator Name Alyeska Pipeline
Principal Business Address
 Street P.O. Box 60489 City Fairbanks
 State AK Zip 99706
 Interstate Yes System Type 3
 Report Date 4/28/1999 Receipt Date 4/28/1999
 Reporting Official William D. Howitt
 Reporting Official Title Senior Vice President Phone 9074569417
 Determining Person Bill F. Flanders
 Determining Person Title Not Listed Phone 9074569478

PART 2

Date of Condition Discovered 4/24/1999
 Discovery Notes Excavation because of smart pig anomaly
 Date Condition Determined to Exist 4/27/1999
Location of Condition
 Condition State AK Condition City
 Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Crude Oil
 Description of Condition External circumference corrosion was found on the two girth welds exposed by this investigation.
 Significant Effects The integrity of the line was not in question at any time.
 Discovery Circumstances An excavation was performed at this location as a result of instrument pig data.
 Corrective Action Taken Two structural sleeves were installed one at each girth weld to increase the capacity of the pipe in the corroded regions to 901 psi. The exterior corrosion has been stopped by recoating. Additional cathodic protection in the form of mag.anode rods have been installed to prevent further corrosion.een installed to prevent further corrosion.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action The pipe will continue to be monitored through future pig runs, corrosion investigations and surveys.		
Follow-up Begin Date	Follow-up Complete Date	
<u>Jurisdictional To (Region or State/Agency abbrev)</u>		
Date sent to Region 4/29/1999	Region WESTERN	
Date Sent to State	State/Agency	
OPS_Representative Linda Daugherty	Date 4/29/1999	
Complete Notes		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990017 **Condition Number(s)** 1
Operator Name Alyeska Pipeline
Date of Safety-Related Condition 4/28/1999 **Date of Follow-Up** 4/27/1999
Further Follow-Up Reports N **Date Expected** 5/27/1999
Action Taken By Region FOLLOW UP BY OPS
Action Taken By Operator TWO STRUCTURAL SLEEVES WERE INSTALLED, PIPELINE WAS RECOATED, AND ADDITIONAL MAGNESIUM ANODE RODS HAVE BEEN INSTALLED.
Date Repair 4/27/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence** Y
Prepared by HADDOW **Reviewed by** KATCHMAR

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990018 Condition Number(s) 4
 Operator ID Operator Name TRANS MOUNTAIN OIL PIPE LINE CORPORATION
Principal Business Address
 Street 1009 EAST SMITH ROAD City BELLINGHAM
 State WA Zip 98226
 Interstate Yes System Type 3
 Report Date 5/7/1999 Receipt Date 5/7/1999
 Reporting Official ALISON J. TAYLOR
 Reporting Official Title CORPORATE SOLICITOR Phone 6047395279
 Determining Person DALE McCLARY
 Determining Person Title MAINTENANCE TECHNIC Phone 3603981541

PART 2

Date of Condition Discovered 5/3/1999
 Discovery Notes
 Date Condition Determined to Exist 5/3/1999
Location of Condition
 Condition State WA Condition City SUMAS
 Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Material defect due to gas or liquid

PART 4

Pipeline Product CRUDE OIL
 Description of Condition THE PIPE WAS STRUCK BY A FARM IMPLEMENT CAUSING MECH.DAMAGE (GOUGES) TO THE PIPE.
 Significant Effects NOT APPLICABLE (NA)
 Discovery Circumstances THE FARM EQUIPMENT OPERATOR CALLED THE COMPANY AT 11:00 AM ON MAY 3, 1999 TO REPORT THAT HE THOUGHT HAD STRUCK SOMETHING WHILE SUB SOILING ON MAY 1, 1999.
 Corrective Action Taken A PRESSURE REDUCTION WAS IMPOSED WHILE THE DAMAGE WAS EVALUATED AND MITIGATED. ON MAY 5, 1999, THE DAMAGE WAS REPAIRED BY INSTALLING A FIBERGLASS REINFORCEMENTSLEEVE. ON MAY 6, 1999, THE PRESSURE RESTRICTION WAS REMOVED. IN ADDITION, UPON BACKFILLING THE PIPE LINE THE AREA WAS CONTOURED TO INCREASE THE GROUND COVER.

PART 5

Reduced Pressure From (PSIG) 550 To(PSIG) 421 Shutdown
 Date Action Notes
 Planned Follow-up/Corrective Action NOT APPLICABLE (NA)
 Follow-up Begin Date Follow-up Complete Date
Jurisdictional To (Region or State/Agency abbrev)
 Date sent to Region 5/7/1999 Region WESTERN
 Date Sent to State State/Agency
 OPS_Representative MICHAEL J. KHAYATA Date 5/10/1999

Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990018 **Condition Number(s)** 4
Operator Name TRANS MOUNTAIN OIL PIPE LINE CORPORATION
Date of Safety-Related Condition 5/7/1999 **Date of Follow-Up** 5/6/1999
Further Follow-Up Reports N **Date Expected** 6/5/1999
Action Taken By Region FOLLOW UP BY OPS
Action Taken By Operator REPAIRED BY CLOCKSPPRING.
Date Repair 5/6/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrent** Y
Prepared by HADDOW **Reviewed by** KATCHMAR

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990019 **Condition Number(s)** 1
Operator ID **Operator Name** TOSCO
Principal Business Address
Street 3220 S. Higuera Street, Suite 101 **City** San Luis Obispo
State CA **Zip** 93401
Interstate No **System Type** 3
Report Date 5/18/1999 **Receipt Date** 5/24/1999
Reporting Official Peter L. Schnieders
Reporting Official Title Manager, Northern Pipelin **Phone** 8055477200
Determining Person Dale Rydberg
Determining Person Title Senior Pipeline Engineer **Phone** 8055477259

PART 2

Date of Condition Discovered 5/12/1999
Discovery Notes Discovered by internal inspection.
Date Condition Determined to Exist 5/12/1999
Location of Condition
Condition State CA **Condition City** Martinez
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product hazardous liquid
Description of Condition An internal pipe inspection report for the 16" segment of Unocap's line 200 was received on 5/12/1999. This report identified an anomaly with an ERF of 1.07 based upon B31G analysis and a maximum wall loss of 68%.
Significant Effects Not stated in report.
Discovery Circumstances The anomaly was discovered by a December 18, 1998 internal inspection. The report for this inspection was provided to TOSCO on May 12, 1999.
Corrective Action Taken The precise location of this anomaly is being performed and permits being obtained to perform pipe repairs or replacement. Until pipe repairs or replacement are completed, the MOP has been reduced for the section of line 200 from Patterson station to the Rodeo refinery from 1136 psi to 1061 psi. All related pressure shutdown devices on this segment of pipe have been adjusted accordingly.

PART 5

Reduced Pressure From (PSIG) 1136 **To(PSIG)** 1061 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action The pipe will be repaired or replaced.
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 5/24/1999 **Region** WESTERN
Date Sent to State 5/24/1999 **State/Agency** CASFM
OPS_Representative Linda Daugherty **Date** 5/24/1999
Complete Notes Dates not specified.

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990019 Condition Number(s) 1
Operator Name TOSCO
Date of Safety-Related Condition 5/18/1999 Date of Follow-Up 11/23/1999
Further Follow-Up Reports N Date Expected 12/23/1999
Action Taken By Region TRACKED BY OPS AND CASFM
Action Taken By Operator INSTALLED WELDED FULL ENCIRCLEMENT SLEEVE
Date Repair 10/7/1999 Resulted in Incident After N
Date of Incident
Enforcement Action Taken N CPFNumber Concur N
Prepared by HADDOW Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990020 **Condition Number(s)**
Operator ID **Operator Name** Pacific Gas and Electric Company
Principal Business Address
Street Mail Code H158, P.O. Box 770000 **City** San Francisco
State CA **Zip** 94177
Interstate Null **System Type** 1
Report Date 6/2/1999 **Receipt Date** 6/3/1999
Reporting Official Shan Bhattacharya
Reporting Official Title Vice Pres., Dist. Eng. & Pl **Phone** 4159736998
Determining Person George Karkazis
Determining Person Title Sr. Pipeline Engineer **Phone** 9169237152

PART 2

Date of Condition Discovered 5/25/1999
Discovery Notes Leak Survey
Date Condition Determined to Exist 5/26/1999
Location of Condition
Condition State **Condition City**
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Imminent hazard

PART 4

Pipeline Product Natural Gas
Description of Condition 1/4-inch crack in pipeline (hairline crack) fuzz leak.
Significant Effects Not an imminent danger, but it is a cause for safety concern, as this condition could lead to an imminent hazard and cause a shutdown of the line.
Discovery Circumstances leak survey, then by excavation.
Corrective Action Taken Lowered pressure to 400 psig. Monitoring the line pressure by SCADA and conducting foot patrols twice a week in the area.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** 400 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 6/4/1999 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 6/4/1999
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990020 **Condition Number(s)**
Operator Name Pacific Gas and Electric Company
Date of Safety-Related Condition 6/2/1999 **Date of Follow-Up** 12/16/1999
Further Follow-Up Reports N **Date Expected** 1/15/2000
Action Taken By Region TRACKED BY OPS AND CAPUC
Action Taken By Operator REPLACED 100 FEET OF 12 INCH PIPE AT AFFECTED AREA.
Date Repair 6/29/1999 **Resulted in Incident After** N
Date of Incident 6/21/1999
Enforcement Action Taken N **CPF Number** **Concurrent** Y
Prepared by HADDOW **Reviewed by** STAHOVIAK

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990021 **Condition Number(s)**
Operator ID **Operator Name** Venoco Inc.
Principal Business Address
Street 217 State Street, Suite 300 **City** Santa Barbara
State CA **Zip** 93101
Interstate Null **System Type** 1
Report Date 6/4/1999 **Receipt Date** 6/4/1999
Reporting Official Keith Wenal
Reporting Official Title DOT Coordinator **Phone** 8059666596
Determining Person Campbell Taylor
Determining Person Title Facility Engineer **Phone**

PART 2

Date of Condition Discovered 5/9/1999
Discovery Notes
Date Condition Determined to Exist 6/3/1999
Location of Condition
Condition State FL **Condition City** Goleta
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Material defect due to gas or liquid

PART 4

Pipeline Product

Description of Condition Three gouges from a back hoe in the Ellwood sales gas pipeline located at approximately 5 o'clock on the pipeline. The first gouge is 1.7"L X 4.5" W X 0.1"D, second gouge is 2.7"L X .3"W X .05"D, the third gouge is superficial.

Significant Effects

Discovery Circumstances

Corrective Action Taken A plan is being developed to cut out and repair the damaged section within sixty (60) days. In the interim the pipeline can be operated under normal operating conditions.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**

Date Action **Notes**

Planned Follow-up/Corrective Action

Follow-up Begin Date **Follow-up Complete Date**

Jurisdictional To (Region or State/Agency abbrev)

Date sent to Region 6/9/1999 **Region** WESTERN

Date Sent to State **State/Agency**

OPS_Representative Michael J. Khayata **Date** 6/9/1999

Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990022 Condition Number(s)
 Operator ID Operator Name ARCO Alaska, Inc.
Principal Business Address
 Street 700 G Street, P.O. Box 196105 City Anchorage
 State AK Zip 99519
 Interstate Null System Type 3
 Report Date 6/4/1999 Receipt Date 6/4/1999
 Reporting Official C. L. Clark and M.A. Morris
 Reporting Official Title Operations Supervisor Phone 9076597727
 Determining Person Dr. L. C. Dash
 Determining Person Title Corrosion Engineer Phone 9076597773

PART 2

Date of Condition Discovered 6/3/1999
 Discovery Notes
 Date Condition Determined to Exist 6/3/1999
Location of Condition
 Condition State AK Condition City
 Did Condition Occured on Outer Continental Shelf

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Crude Oil
 Description of Condition Localized external corrosion was discovered under a centralizer that was attached to the pipeline to provide standoff between the pipe and a saddle at VSM 536. The corrosion was a result of water intrusion between the centralizer and the pipe. An ultrasonic thickness measurement of the pipe wall indicated a 41% wall loss. The MOP at this location was determined to be 1295 psi by RSTRENG. The approximate operating pressure at this location is less than 500 psi.
 Significant Effects
 Discovery Circumstances
 Corrective Action Taken The MAOP has been reduced and the appropriate over pressure devices have been adjusted as per RSTRENG. The MAOP will be returned to 1415 psig as soon as necessary repairs are complete.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action		
Follow-up Begin Date	Follow-up Complete Date	
<u>Jurisdictional To (Region or State/Agency abbrev)</u>		
Date sent to Region 6/9/1999	Region	WESTERN
Date Sent to State	State/Agency	
OPS_Representative Michael J. Khayata	Date	6/9/1999
Complete Notes		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990022 **Condition Number(s)**
Operator Name ARCO Alaska, Inc.
Date of Safety-Related Condition 6/4/1999 **Date of Follow-Up** 6/4/1999
Further Follow-Up Reports N **Date Expected** 7/4/1999
Action Taken By Region FOLLOW UP BY OPS.
Action Taken By Operator MAOP HAS BEEN REDUCED AND OVER PRESSURE DEVICES WERE ADJUSTED PER RSTRENGCALCULATIONS. THE PIPELINE OPERATES SUBSTANTIALLY LOWER THAN MAOP. REPAIRSHAVE BEEN COMPLETED ON JUNE 4, 1999 AND MAOP RETURNED TO 1415 PSI.
Date Repair 6/4/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPFNumber** **Concur** Y
Prepared by HADDOW **Reviewed by** KATCHMAR

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990023 **Condition Number(s)**
Operator ID 12628 **Operator Name** Mobil Pipe Line Company
Principal Business Address
Street 216 Lincon Street **City** South Portland,
State ME **Zip** 04106
Interstate Yes **System Type** 3
Report Date 7/8/1999 **Receipt Date** 7/9/1999
Reporting Official M.D. DiCenso
Reporting Official Title Pipe Line Supervisor **Phone** 2079459841
Determining Person M.D. DiCenso
Determining Person Title Pipe Line Supervisor **Phone** 2079459841

PART 2

Date of Condition Discovered 7/1/1999
Discovery Notes 3" dent w/7" deformation & corrosion
Date Condition Determined to Exist 7/1/1999
Location of Condition
Condition State ME **Condition City** Hallowell
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion
 Material defect due to gas or liquid

PART 4

Pipeline Product Gasoline
Description of Condition A dent measurin 3" in length w/ a 7" deformation and a corrosion area approx. 3' long. The defect was discovered after the data from ultrasonic inspection was analyzed and field verified.
Significant Effects
Discovery Circumstances
Corrective Action Taken Line pressure will be reduced 27% of its established MOP. Also MOP at South Portland has been reduced.

PART 5

Reduced Pressure From (PSIG) 1243 **To(PSIG)** 900 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 7/9/1999 **Region** EASTERN
Date Sent to State **State/Agency**
OPS_Representative **Date**
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990023

Condition Number(s)

Operator Name Mobil Pipe Line Company

Date of Safety-Related Condition 7/8/1999

Date of Follow-Up 12/15/1999

Further Follow-Up Reports N

Date Expected 1/15/2000

Action Taken By Region

Action Taken By Operator A split sleeve was used to repair the anomaly, and the pipeline was put back into normal service.

Date Repair 11/10/1999 **Resulted in Incident After**

Date of Incident

Enforcement Action Taken N **CPF Number** **Concurred** Y

Prepared by Chuck Behounek **Reviewed by** Phillip Nguyen

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990024 Condition Number(s)
 Operator ID Operator Name CHEVRON PIPE LINE
Principal Business Address
 Street POST OFFICE BOX 1013 City BURAS
 State LA Zip
 Interstate Null System Type 3
 Report Date 7/14/1999 Receipt Date 7/14/1999
 Reporting Official L. J. SIEBERTY
 Reporting Official Title FIELD TEAM LEADER Phone 5045341999
 Determining Person KEVIN P. GAUDES
 Determining Person Title ENGINEER Phone

PART 2

Date of Condition Discovered 6/21/1999
 Discovery Notes
 Date Condition Determined to Exist
Location of Condition
 Condition State LA Condition City MUSTANG
 Did Condition Occured on Outer Continental Shelf

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product CRUDE OIL
Description of Condition ON 6/30/99 A LEAK WAS DISCOVERED ON THE 12" PIPELINE. DIVERS WERE MOBILIZED TO THE LEAK SITE LOCATION AND A 12" PIPELINE REPAIR CLAMP WAS INSTALLED. AFTER RETURNING THE PIPELINE TO SERVICE, DIVERS SURVEYED THE PIPING AROUND THE LEAK AREA. DIVERS NOTED THAT THE PIPELINE WAS EXPOSED AND THE EXTERNAL COATING WAS GONE FOR SEVERAL HUNDRED FEET IN EACH DIRECTION. APPROXIMATELY 1600 FEET WAS VISUALLY INSPECTED UTILIZING PIT GAUGES. EXTERNAL CORROSION AND PITTING WAS OBSERVED ON APPROXIMATELY 1000' OF THE PIPELINE AND THE MAXIMUM PIT DEPTH MEASURED WAS 1/16".
Significant Effects
Discovery Circumstances
Corrective Action Taken LOWER THE MOP FROM 1144 TO 1070 PSI AS CALCULATED BY ASME B31G FORMULAS. NORMAL OPERATING PRESSURE IS APPROXIMATELY 150 PSI. CURRENTLY PLANNING THE REPLACEMENT OF APPROXIMATELY 1000 FEET OF 12" PIPE.

PART 5

Reduced Pressure From (PSIG) 1144 **To(PSIG)** 1070 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date _____ **Follow-up Complete Date** _____
Jurisdictional To (Region or State/Agency abbrev) _____

Date sent to Region _____ **Region** SOUTHWES

Date Sent to State _____ **State/Agency** _____

OPS_Representative MICHAEL J KHAYATA **Date** 7/16/1999

Complete Notes

SAFETY-RELATED CONDITON FOLLOW-UP

Report ID 19990024 **Condition Number(s)** _____

Operator Name CHEVRON PIPE LINE

Date of Safety-Related Condition 7/14/1999 **Date of Follow-Up** 8/16/1999

Further Follow-Up Reports N **Date Expected** _____

Action Taken By Region Contacted operator, operator is working on repair specifications and bidpackage for repair/replacement. Operator plans to start work within next 2months. Will contact region before repairs/replacement starts. No furtheraction by region ofc.

Action Taken By Operat Lowered mop to 1070 from 1144 psi. Normal operating pressure is 150 psi.Working on specifications and bid package for repair/replacement.Replaced 1800 feet on 11/10/99. Hydro-tested replacement pipe to 1800 psi.Operator will smart pig line in January 2000.

Date Repair 11/10/1999 **Resulted in Incident After** N

Date of Incident _____

Enforcement Action Taken N **CPFNumber** _____ **Concur** Y

Prepared by Aaron M. Sheets, J; **Reviewed by** R. M. Seeley

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990025 **Condition Number(s)**
Operator ID **Operator Name** Penn Fuel Gas, Inc.
Principal Business Address
Street 55 South 3rd Street **City** Oxford
State PA **Zip** 19363
Interstate No **System Type** 1
Report Date 7/17/1999 **Receipt Date** 7/17/1999
Reporting Official Robert Beard, PE
Reporting Official Title Manager, Engineering **Phone** 6109326544
Determining Person Robert Beard, PE
Determining Person Title Manager, Engineering **Phone** 6109326544

PART 2

Date of Condition Discovered 7/9/1999
Discovery Notes Smart pig survey indicated wall loss
Date Condition Determined to Exist 7/13/1999
Location of Condition
Condition State PA **Condition City** Lebanon
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion
 Imminent hazard

PART 4

Pipeline Product Natural Gas
Description of Condition Excessive wall loss in some areas of pipeline due to corrosion
Significant Effects Leakage may result if corrosion is not addressed
Discovery Circumstances Smart pig survey results indicated excessive wall loss in some areas of the pipeline due to corrosion
Corrective Action Taken Pressure in pipeline was reduced. Permanent repairs scheduled for 07/21/99

PART 5

Reduced Pressure From (PSIG) 720 **To(PSIG)** 141 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Operate pipeline at reduced pressure until anomalies are excavated and permanently repaired
Follow-up Begin Date 7/21/1999 **Follow-up Complete Date** 11/30/1999
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 7/19/1999 **Region** EASTERN
Date Sent to State **State/Agency** PAPUC
OPS_Representative **Date**
Complete Notes (Best estimate)

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990025 **Condition Number(s)**
Operator Name Penn Fuel Gas, Inc.
Date of Safety-Related Condition 7/17/1999 **Date of Follow-Up** 12/28/1999
Further Follow-Up Reports Y **Date Expected** 1/31/2000
Action Taken By Region PA-PUC IS CLOSELY MONITORING THE REMEDIAL ACTIVITIES
Action Taken By Operator CONSTRUCTION IN CONJUNCTION WITH HIGHWAY IS EXPECTED TO BE COMPLETED BY END OF DECEMBER 1999.
Date Repair **Resulted in Incident After**
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrent** N
Prepared by **Reviewed by**

Report ID 19990025 **Condition Number(s)**
Operator Name Penn Fuel Gas, Inc.
Date of Safety-Related Condition 7/17/1999 **Date of Follow-Up** 3/17/2000
Further Follow-Up Reports N **Date Expected** 4/16/2000
Action Taken By Region PA-PUC MONITORED REMEDIAL ACTIONS BY THE OPERATOR. BASED ON JAN 25, 2000 LETTER TO PUC, PENN FUEL ESTABLISHED MAOP OF 550 PSIG. NO FURTHER ACTION NEEDED NOW. PUC RECOMMENDED SRCR CLOSURE.
Action Taken By Operator NEW MAOP OF 550 PSIG ESTABLISHED BY PENN FUEL. THEY AGREED NOT TO RE-ESTABLISH MAOP OF 720 PSIG OF THE DAIPHIN LINE. IN THE FUTURE, IF PENN FUEL DECIDES TO INCREASE MAOP ABOVE 550 PSIG, ADDITIONAL ANALYSIS AND AN UPDATING PLAN WILL BE WRITTEN AND PROVIDED TO PUC.
Date Repair **Resulted in Incident After**
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrent** N
Prepared by DINO N. RATHO **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990026 **Condition Number(s)**
Operator ID **Operator Name** Sabine Pipeline Company
Principal Business Address
Street Post Office Box 4781 **City** Houston
State TX **Zip** 77210
Interstate Null **System Type** 1
Report Date 7/19/1999 **Receipt Date** 7/19/1999
Reporting Official Morris Olivier
Reporting Official Title Safety Specialist **Phone** 5047125653
Determining Person Bill Wied
Determining Person Title Pipeline Superintendent **Phone** 3187373306

PART 2

Date of Condition Discovered 7/10/1999
Discovery Notes
Date Condition Determined to Exist 7/14/1999
Location of Condition
Condition State LA **Condition City** Bird Island Bayou
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

PART 4

Pipeline Product
Description of Condition Pipeline is presently 1.4' below surface of water at Bird Island Bayou. No rupture of pipeline.
Significant Effects There is no eminent safety affect to the public with the present corrective actions being taken.
Discovery Circumstances
Corrective Action Taken Remove and replace with new pipeline by first week of August.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 7/21/1999
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990026

Condition Number(s)

Operator Name Sabine Pipeline Company

Date of Safety-Related Condition 7/19/1999

Date of Follow-Up 11/17/1999

Further Follow-Up Reports N

Date Expected 12/17/1999

Action Taken By Region Telephonic followup with operator advising replacement will be made for exposed pipeline river crossing.

Action Taken By Operator Operator directionally bored new 16-in X .500" API 5L X52 4 feet below river crossing eliminating SRCR. Completion on August 7, 1999 and pipeline placed back in service on August 9, 1999. Completion report available for review in December by Dale Bennett during scheduled operator inspection.

Date Repair 8/9/1999 **Resulted in Incident After** N

Date of Incident

Enforcement Action Taken N **CPF Number** **Concurrence** N

Prepared by Bill Bertges **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990027 Condition Number(s)
 Operator ID Operator Name ARCO PIPE LINE COMPANY
Principal Business Address
 Street 1801 E. SEPULVEDA BLVD City CARSON
 State CA Zip 90745
 Interstate Null System Type 3
 Report Date 7/22/1999 Receipt Date 7/22/1999
 Reporting Official MARK MARMES
 Reporting Official Title Phone 5625904739
 Determining Person MARK SILVERMAN
 Determining Person Title CORROSION ENGINEER Phone 3108168735

PART 2

Date of Condition Discovered 7/12/1999
 Discovery Notes NOTICED DURING ROUTINE INSPECTION
 Date Condition Determined to Exist
Location of Condition
 Condition State CA Condition City ARCO LAS ANGLER R
 Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Material defect due to gas or liquid

PART 4

Pipeline Product PRODUCTS
 Description of Condition GOUGE IN PIPELINE ESTIMATED TYO BE GREATER THAN 12.5% OF NOMINAL WALL THICKNESS
 Significant Effects
 Discovery Circumstances LINE RIDER NOTICED DAMAGE DURING ROUTINE INSPECTION OF JOB SITES
 Corrective Action Taken TEMPORARY BOLT ON SLEEVE INSTALLED. PIPELINE SHUTDOWN PERMANENT RE-ENFORCEMENTSLEEVE WILL BE INSTALLED AFTER GOUGE IS REMOVED VIAL GRINDING.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action	ARCO INTENDS TO INSTALL A PERMANENT RE-ENFORCEMENT SLEEVE AFTER GOUGE IS REMOVED VIA GRINDING	
Follow-up Begin Date	Follow-up Complete Date	
<u>Jurisdictional To (Region or State/Agency abbrev)</u>		
Date sent to Region 7/23/1999	Region WESTERN	
Date Sent to State	State/Agency	
OPS_Representative	Date	
Complete Notes		

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990028 Condition Number(s)
 Operator ID Operator Name SOUTHERN CALIFORNIA GAS COMPANY
Principal Business Address
 Street 555 WEST FIFTH STREET City LOS ANGELES
 State CA Zip 90013
 Interstate Yes System Type 1
 Report Date 7/26/1999 Receipt Date 7/26/1999
 Reporting Official RICHARD COLLINS
 Reporting Official Title TECHNICAL CONSULTANT Phone 8187014548
 Determining Person PETE PLETRZAK
 Determining Person Title FIELE OPERATIONS SUPERVISOR Phone 8056817924

PART 2

Date of Condition Discovered 7/19/1999
 Discovery Notes INTERNAL GENERAL CORROSION
 Date Condition Determined to Exist 7/19/1999
Location of Condition
 Condition State CA Condition City MONTECITO
 Did Condition Occur on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product NATURAL GAS
 Description of Condition INTERNAL GENERAL CORROSION
 Significant Effects
 Discovery Circumstances ONGOING PROGRAM TO EVALUATE PIPELINE INTEGRITY
 Corrective Action Taken MAOP REDUCED. LINE SEGMENT WILL EVENTUALLY BE TAKEN OUT OF SERVICE AND THE CORRODED SECTION WILL BE REPLACED.

PART 5

Reduced Pressure From (PSIG) 1000 To(PSIG) 925 Shutdown
 Date Action Notes
 Planned Follow-up/Corrective Action LINE WILL BE TAKEN OUT OF SERVICE AND CORRODED SECTION OF PIPE WILL BE REPLACED
 Follow-up Begin Date Follow-up Complete Date
Jurisdictional To (Region or State/Agency abbrev)
 Date sent to Region 7/27/1999 Region WESTERN
 Date Sent to State State/Agency
 OPS_Representative Date
 Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990028 **Condition Number(s)**
Operator Name SOUTHERN CALIFORNIA GAS COMPANY
Date of Safety-Related Condition 7/26/1999 **Date of Follow-Up** 8/4/1999
Further Follow-Up Reports N **Date Expected** 9/3/1999
Action Taken By Region CAPUC FOLLOWED UP ON THIS CASE
Action Taken By Operator 20'8" SECTION OF THE 22" DRIP LEG WAS REPLACED
Date Repair 7/27/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurred** Y
Prepared by HADDOW **Reviewed by** KATCHMAR

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990030 **Condition Number(s)**
Operator ID **Operator Name** Southern California Gas Company
Principal Business Address
Street 555 West Fifth Street **City** Los Angeles
State CA **Zip** 90013
Interstate Yes **System Type** 1
Report Date 6/16/1999 **Receipt Date** 8/16/1999
Reporting Official Richard Collins
Reporting Official Title Technical Consultant **Phone** 8187014548
Determining Person Pete Pietrzak
Determining Person Title Field Operations, Supervisor **Phone** 8056817924

PART 2

Date of Condition Discovered 8/11/1999
Discovery Notes
Date Condition Determined to Exist 8/11/1999
Location of Condition
Condition State **Condition City**
Did Condition Occure on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition Internal corrosion resulting in reduced wall thickness.
Significant Effects
Discovery Circumstances Internal corrosion inspection as part of an ongoing pipeline integrity evaluation program.
Corrective Action Taken Reduction of MAOP

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** 815 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date** 8/19/1999
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 8/30/1999 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative **Date**
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990030 **Condition Number(s)**
Operator Name Southern California Gas Company
Date of Safety-Related Condition 6/16/1999 **Date of Follow-Up** 11/22/1999
Further Follow-Up Reports N **Date Expected**
Action Taken By Region TRACKED BY OPS AND CAPUC
Action Taken By Operator DRIP LEG REPLACED
Date Repair 8/31/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence** Y
Prepared by HADDOW **Reviewed by** STAHOVIAK

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990031 Condition Number(s)
 Operator ID Operator Name Colorado Interstate Gas Company
Principal Business Address
 Street 2 North Nevada Avenue City Colorado Springs
 State CO Zip 80903
 Interstate Yes System Type 1
 Report Date 8/11/1999 Receipt Date 8/12/1999
 Reporting Official Richard H. Flint II
 Reporting Official Title Manager, Codes and Stand Phone 7195204350
 Determining Person Richard H. Flint II
 Determining Person Title Manager, Codes and Stand Phone 7195204350

PART 2

Date of Condition Discovered 8/6/1999
 Discovery Notes
 Date Condition Determined to Exist 8/11/1999
Location of Condition
 Condition State WY Condition City
 Did Condition Occure on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Malfunction or operating error

PART 4

Pipeline Product Natural Gas
 Description of Condition Lighting strike at compressor station caused station control system to malfunction.
 Significant Effects Pipelines operated at a pressure of 1170 psig which exceeded MAOP plus allowable build up of 1145 psig.
 Discovery Circumstances Telemetering equipment reported overpressure condition.
 Corrective Action Taken Gas deliveries in both pipelines were reduced and by pass valves were opened.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action CGI will install overpressure protection at each location where gas enters into both of these pipelines		
Follow-up Begin Date 8/13/1999	Follow-up Complete Date 10/1/1999	
<u>Jurisdictional To (Region or State/Agency abbrev)</u>		
Date sent to Region 8/30/1999	Region WESTERN	
Date Sent to State	State/Agency	
OPS_Representative	Date	
Complete Notes		

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990032 **Condition Number(s)**
Operator ID **Operator Name** Ohio Valley Gas Corporation
Principal Business Address
Street 111 Energy Park Drive, Post Office Box 4 **City** Winchester
State IN **Zip** 47394
Interstate No **System Type** 1
Report Date 8/30/1999 **Receipt Date** 9/13/1999
Reporting Official R.L. Loyd
Reporting Official Title Vice President/Chief Engir **Phone** 7655846842
Determining Person R.L. Loyd
Determining Person Title Vice President/Chief Engineer **Phone** 7655846842

PART 2

Date of Condition Discovered
Discovery Notes
Date Condition Determined to Exist
Location of Condition
Condition State IN **Condition City** Cannelton
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Environmental causes
 Other (none of above 8 conditions)

PART 4

Pipeline Product Natural Gas
Description of Condition Certain property owners at the "base" of the hill have excavated (removed) a portion of said "base" causing an unintended "sliding" of hill, to the detriment of the elevated street, buried facilities along said street, etc.
Significant Effects Several problems in the way of leakage, broken meter sets, etc., all of which are directly related to the movement described above have been experienced. These problems have been promptly corrected, however, the earth (hill) continues to move, thus placing our facilities in continued jeopardy. These problems have
Discovery Circumstances Several repairs have been effected to correct both underground and above groundleaks caused by the earth movement described above.
Corrective Action Taken An alternate source of gas will be installed along 7th Street. Corrective action is planned for late September 1999, with the abandonment of the threatened facilities to be completed on or before October 15, 1999.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date _____ **Follow-up Complete Date** _____
Jurisdictional To (Region or State/Agency abbrev) _____

Date sent to Region 9/15/1999 **Region** CENTRAL

Date Sent to State _____ **State/Agency** _____

OPS_Representative Michael J. Khayata **Date** 9/15/1999

Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990032 **Condition Number(s)** _____

Operator Name Ohio Valley Gas Corporation

Date of Safety-Related Condition 8/30/1999 **Date of Follow-Up** 10/15/1999

Further Follow-Up Reports Y **Date Expected** 10/15/1999

Action Taken By Region

Action Taken By Operator An alternative source of gas will be installed along 7th Street. Two of the three services affected by the retirement of the existing main will be served from this new main. Service to the third customer will be discontinued and conversion made to an alternative fuel (LP gas).

Date Repair _____ **Resulted in Incident After** N

Date of Incident _____

Enforcement Action Taken N **CPF Number** _____ **Concurrence** N

Prepared by Stewart Rickey **Reviewed by** _____

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990033 **Condition Number(s)**
Operator ID **Operator Name** Tosco Refining Company
Principal Business Address
Street 9645 Santa Fe Springs Road **City** Santa Fe Spring
State CA **Zip** 90670
Interstate No **System Type** 3
Report Date 9/10/1999 **Receipt Date** 9/13/1999
Reporting Official Richard Harbison
Reporting Official Title Manager, Northern Pipelin **Phone** 5629067508
Determining Person Paul Morton
Determining Person Title Senior Pipeline Engineer **Phone** 5629067590

PART 2

Date of Condition Discovered 9/7/1999
Discovery Notes
Date Condition Determined to Exist 9/7/1999
Location of Condition
Condition State CA **Condition City** Carson
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Crude Oil
Description of Condition Internal pipe inspection report received by operator which identified anomalies.
Significant Effects
Discovery Circumstances Operator was conducting a high resolution inspection on a section of teh Unocapline 600.
Corrective Action Taken The MOP on the "A" line will be de-rated

PART 5

Reduced Pressure From (PSIG) 720 **To(PSIG)** 550 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 9/16/1999 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative **Date**
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990033 **Condition Number(s)**
Operator Name Tosco Refining Company
Date of Safety-Related Condition 9/10/1999 **Date of Follow-Up** 11/22/1999
Further Follow-Up Reports N **Date Expected** 12/22/1999
Action Taken By Region TRACKED BY OPS AND CASFM
Action Taken By Operator REPAIRD BY REPLACEMENT AND/OR INSTALLATION OF FULL
ENCIRCLEMENT WELDED SLEEVE.
Date Repair 9/17/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPFNumber** **Concurrence** N
Prepared by HADDOW **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990034 Condition Number(s)
 Operator ID Operator Name Panhandle Eastern Pipe Line
Principal Business Address
 Street 5444 Westheimer Road City Houston
 State TX Zip 77056
 Interstate Yes System Type 1
 Report Date 9/3/1999 Receipt Date 9/3/1999
 Reporting Official
 Reporting Official Title Phone
 Determining Person Jerry Rau
 Determining Person Title Principal Corrosion Engineer Phone

PART 2

Date of Condition Discovered
 Discovery Notes Result of in-line tool inspection rpt.
 Date Condition Determined to Exist
Location of Condition
 Condition State MI Condition City Carleton and Maybee
 Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
 Description of Condition Localized corrosion pitting
 Significant Effects Localized corrosion pitting is to a degree that leakage might result.
 Discovery Circumstances Condition discovered as a result of an internal in-line inspection with a high resolution tool.
 Corrective Action Taken Line section has been taken out of service

PART 5

Reduced Pressure From (PSIG) To(PSIG) Shutdown
 Date Action Notes
 Planned Follow-up/Corrective Action Line section will be visually inspected to determine if a safety related condition does in fact exist.
 Follow-up Begin Date Follow-up Complete Date 11/1/1999
Jurisdictional To (Region or State/Agency abbrev)
 Date sent to Region 9/17/1999 Region CENTRAL
 Date Sent to State State/Agency
 OPS_Representative Date
 Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990035 **Condition Number(s)**
Operator ID **Operator Name** Alyeska Pipeline
Principal Business Address
Street P.O. Box 60469 **City** Fairbanks
State AK **Zip** 99706
Interstate Null **System Type** 3
Report Date 9/7/1999 **Receipt Date** 9/8/1999
Reporting Official William D. Howitt
Reporting Official Title Senior Vice President **Phone** 9074569417
Determining Person Bill Flanders
Determining Person Title **Phone**

PART 2

Date of Condition Discovered 8/28/1999
Discovery Notes Discovered as result of pig data
Date Condition Determined to Exist 9/7/1999
Location of Condition
Condition State **Condition City**
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Oil
Description of Condition General longitudinal wall loss was detected at the bottom of this section of pipe and around a girth weld.
Significant Effects
Discovery Circumstances
Corrective Action Taken The MOP of the line segment was derated

PART 5

Reduced Pressure From (PSIG) 1012 **To(PSIG)** 962 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 9/17/1999 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative **Date**
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990035 **Condition Number(s)**
Operator Name Alyeska Pipeline
Date of Safety-Related Condition 9/7/1999 **Date of Follow-Up** 9/7/1999
Further Follow-Up Reports N **Date Expected** 10/7/1999
Action Taken By Region FOLLOW UP BY OPS.
Action Taken By Operator DERATE MOP FROM 1012 TO 962, RECOAT PIPELINE, ADD MAGNESIUM ANODES.
Date Repair 9/7/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence** Y
Prepared by HADDOW **Reviewed by** KATCHMAR

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990036 **Condition Number(s)**
Operator ID **Operator Name** Williston Basin Interstate Pipeline Company
Principal Business Address
Street 1250 West Century Avenue **City** Bismarck
State ND **Zip** 58501
Interstate Yes **System Type** 1
Report Date 9/17/1999 **Receipt Date** 9/17/1999
Reporting Official Tony Finneman
Reporting Official Title Vice President of Operations **Phone** 7015301622
Determining Person Keith seifert
Determining Person Title Pipeline Construction Super. **Phone** 4063597223

PART 2

Date of Condition Discovered 9/8/1999
Discovery Notes Ongoing activities to assure CP
Date Condition Determined to Exist 9/10/1999
Location of Condition
Condition State WY **Condition City** Basin and Greybull
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Other (none of above 8 conditions)

PART 4

Pipeline Product Natural Gas
Description of Condition
Significant Effects
Discovery Circumstances
Corrective Action Taken Reduced operating pressure

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 9/17/1999 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative **Date**
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990036

Condition Number(s)

Operator Name Williston Basin Interstate Pipeline Company

Date of Safety-Related Condition 9/17/1999 **Date of Follow-Up** 10/4/1999

Further Follow-Up Reports Y **Date Expected** 2/1/2000

Action Taken By Region TRACKING BY WESTERN REGION OPS.

Action Taken By Operator GATHERING LINE OPERATING AT LESS THAN 20% SMYS PLAN TO REMOVE 12" RAINDEN LOOP FROM SERVICE. THEY GAVE THE PRODUCER UNTILL JAN OF 2000 THEN PIPELINE WILL BE ABANDONED.

Date Repair **Resulted in Incident After**

Date of Incident

Enforcement Action Taken N **CPF Number** **Concurrence** N

Prepared by HADDOW **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990037 Condition Number(s)
 Operator ID Operator Name UNOCAL CORPORATION
Principal Business Address
 Street 909 WEST 9TH AVENUE, P.O. BOX 196247 City ANCHORAGE
 State AK Zip 99501
 Interstate Yes System Type 1
 Report Date 9/29/1999 Receipt Date 9/29/1999
 Reporting Official JON A. CRONK
 Reporting Official Title PRODUCTION ENGINEER Phone 9072637631
 Determining Person JON A. CRONK
 Determining Person Title PRODUCTION ENGINEER Phone 9072637631

PART 2

Date of Condition Discovered 9/27/1999
 Discovery Notes RISER INSPECTION
 Date Condition Determined to Exist 9/27/1999
Location of Condition
 Condition State AK Condition City GRANITE POINT PLAI
 Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product NATURAL GAS
 Description of Condition THREE EXTERNAL CORROSION AMOMALIES
 Significant Effects
 Discovery Circumstances DURING AUGUST 1999, UNOCAL INSPECTED RISERS AND PIPELINES FOR COOK INLET OPERATIONS. THE FINAL REPORT FROM THE CONTRACTOR INDICATED 3 EX. ANOMALIES
 Corrective Action Taken

PART 5

Reduced Pressure From (PSIG) 1480 To(PSIG) 1392 Shutdown
 Date Action Notes
 Planned Follow-up/Corrective Action
 Follow-up Begin Date Follow-up Complete Date
Jurisdictional To (Region or State/Agency abbrev)
 Date sent to Region 9/29/1999 Region WESTERN
 Date Sent to State State/Agency
 OPS_Representative Date
 Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990037 **Condition Number(s)**
Operator Name UNOCAL CORPORATION
Date of Safety-Related Condition 9/29/1999 **Date of Follow-Up** 10/13/1999
Further Follow-Up Reports N **Date Expected** 11/12/1999
Action Taken By Region TRACKED BY WESTERN REGION OPS
Action Taken By Operator APPLIED ANSI 31G REDUCED MAOP FROM 1480 TO 1392 PSI
OPERATING PRESSURE AND OVERPRESSURE PROTECTION IS SET
WELL BELOW 1392 PSI.
Date Repair 9/27/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence** Y
Prepared by HADDOW **Reviewed by** STAHOVIAK

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990038 **Condition Number(s)**
Operator ID 809 **Operator Name** Brooklyn Union
Principal Business Address
Street 175 EAST OLD COUNTRY ROAD **City** HICKSVILLE
State NY **Zip** 11801
Interstate No **System Type** 1
Report Date 10/4/1999 **Receipt Date** 10/20/1999
Reporting Official Peter F. Baker, Jr.
Reporting Official Title Manager, Gas Systems Op **Phone** 5165455572
Determining Person Peter F. Baker, Jr.
Determining Person Title Manager, Gas Systems Opera **Phone** 5165455572

PART 2

Date of Condition Discovered 9/28/1999
Discovery Notes
Date Condition Determined to Exist 9/28/1999
Location of Condition
Condition State NY **Condition City** Island Park
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition General Corrosion
Significant Effects
Discovery Circumstances While performing a wall thickness inspection on a 30" pipeline, operator discovered general corrosion on the pipe.
Corrective Action Taken As a precautionary measure, a portion of the line was isolated and the pressure in the pipeline was reduced.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Replacement of pipe is being pursued.
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region **Region** EASTERN
Date Sent to State **State/Agency**
OPS_Representative **Date**
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990038 **Condition Number(s)**
Operator Name Brooklyn Union
Date of Safety-Related Condition 10/4/1999 **Date of Follow-Up** 12/28/1999
Further Follow-Up Reports N **Date Expected** 1/27/2000
Action Taken By Region NY-PSC MONITORED REMEDIAL ACTIONS INCLUDING PIPE REPLACEMENT 100 FT AND REMOVAL OF TWO ANOMALIES. NO FURTHER ACTION. NY-PSC RECOMMENDS SRCR CLOSURE
Action Taken By Operator COMPLETED REPLACEMENT OF ABOUT 100 FT PIPE WITH 30-INCH DIA ; 0.344 WALL THICKNESS; X65 FT PIPE (BRIDGE CROSSING) AS WELL REMOVED TWO ANOMALIES IN THE ISOLATED SEGMENT
Date Repair 10/13/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurred** Y
Prepared by DINO N. RATHOI **Reviewed by** Phillip Nguyen

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990039 **Condition Number(s)**
Operator ID 26149 **Operator Name** Alyeska Pipeline
Principal Business Address
Street P.O. Box 60469 **City** Fairbanks
State AK **Zip** 99706
Interstate Yes **System Type** 3
Report Date 10/22/1999 **Receipt Date** 10/22/1999
Reporting Official Bill Howitt
Reporting Official Title Senior Vice President **Phone** 9074569417
Determining Person Wes Tonkins
Determining Person Title Engineering Advisor **Phone** 9074505449

PART 2

Date of Condition Discovered 10/16/1999
Discovery Notes
Date Condition Determined to Exist 10/18/1999
Location of Condition
Condition State **Condition City** Trans-Alaska Pipeline
Did Condition Occured on Outer Continental Shelf

PART 3

REASON FOR REPORTING

Malfunction or operating error

PART 4

Pipeline Product Crude Oil
Description of Condition A communications failure at RCV caused Operations Control Center to shut down line. This resulted in a relief event at Pump Station Number 5. Also, leak was discovered on 6" check-valve on the relief system
Significant Effects
Discovery Circumstances
Corrective Action Taken

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Install new relief valve rated for higher pressure
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 10/22/1999 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative **Date**
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990040 **Condition Number(s)** 1
Operator ID 20230 **Operator Name** KOCH GATEWAY PIPELINE CO
Principal Business Address
Street 1415 Miller **City** Westlake
State LA **Zip** 70669
Interstate Null **System Type** 1
Report Date 11/9/1999 **Receipt Date** 11/10/1999
Reporting Official Wayne F. St. Germain
Reporting Official Title **Phone** 3189816699
Determining Person
Determining Person Title **Phone**

PART 2

Date of Condition Discovered 11/3/1999
Discovery Notes
Date Condition Determined to Exist 11/3/1999
Location of Condition
Condition State LA **Condition City** Lake Charles
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition Discovered 0.155 pit in .188 w pipe as a result of a IR Drop test.
Significant Effects
Discovery Circumstances
Corrective Action Taken Installing a reinforcing sleeve over dressor coupling. Pressure will continue to be below 250# until 10 ft. section of pipe can be replaced on 11/16/99.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** 250 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 11/15/1999 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 11/15/1999
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990040 **Condition Number(s)** 1
Operator Name KOCH GATEWAY PIPELINE CO
Date of Safety-Related Condition 11/9/1999 **Date of Follow-Up** 12/16/1999
Further Follow-Up Reports N **Date Expected**
Action Taken By Region Telephoned operations manager, Rudy Perciful. Explained how large pit, .155" deep was discovered on pipeline when pipeline was exposed, while trying to putsleeve over a dresser. Pipeline is a 6" OD, .188" WT, MAOP is 780#.
Action Taken By Operator Operator reduced MAOP to 200#. Pipeline is being repaired on 11/16/1999 by replacing about 10 feet of pipeline. Had to schedule repairs with Entex, to reduce service interruptions. Operator (Mr. Perciful) telephoned on 11/16/1999 at 5:45 pm stating that repairs had been complete. A 12 1/2' section of pipeline was replaced with pretested pipe. Pipeline was put back in service.
Date Repair 11/16/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence** N
Prepared by Agustin Lopez **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990041 **Condition Number(s)**
Operator ID 19080 **Operator Name** Peoples Gas
Principal Business Address
Street 625 Liberty Avenue **City** Pittsburgh
State PA **Zip** 15222
Interstate Yes **System Type** 1
Report Date 11/15/1999 **Receipt Date** 11/18/1999
Reporting Official John D. Popovich
Reporting Official Title Pipeline Safety Representative **Phone** 7248424870
Determining Person John D. Popovich
Determining Person Title Pipeline Safety Representative **Phone** 7248424870

PART 2

Date of Condition Discovered 11/9/1999
Discovery Notes Corrosion leak discovered
Date Condition Determined to Exist 11/9/1999
Location of Condition
Condition State PA **Condition City** Murrysville
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition Corrosion leak
Significant Effects
Discovery Circumstances Corrosion leak discovered as a result of Customer Service call-in.
Corrective Action Taken Dresser style 96 split-sleeve was installed on 11/09/99

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 11/19/1999 **Region** EASTERN
Date Sent to State **State/Agency**
OPS_Representative **Date**
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990041 **Condition Number(s)**
Operator Name Peoples Gas
Date of Safety-Related Condition 11/15/1999 **Date of Follow-Up** 12/2/1999
Further Follow-Up Reports Y **Date Expected** 1/31/2000
Action Taken By Region PA-PUC MONITORING REMEDIAL ACTIVITIES.
Action Taken By Operator LINE TP7320- PEOPLES INSTALLED DRESSER STYLE 96 SLIT
 SLEEVE. PEOPLES GAS PLANNING TO REPLACE PORTION OF PIPE
 SHORTLY.
Date Repair 10/9/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrent** N
Prepared by DINO N. RATHOI **Reviewed by**

Report ID 19990041 **Condition Number(s)**
Operator Name Peoples Gas
Date of Safety-Related Condition 11/15/1999 **Date of Follow-Up** 7/28/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region
Action Taken By Operator
Date Repair **Resulted in Incident After**
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrent** N
Prepared by DINO N. RATHOI **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990042 Condition Number(s) 2
 Operator ID 3466 Operator Name DOME PIPELINE CORP
Principal Business Address
 Street Plaza Centre One, Suite 380, 125 S. Dubu City Iowa City
 State IA Zip 52240
 Interstate Null System Type 3
 Report Date 11/12/1999 Receipt Date 11/15/1999
 Reporting Official David D. Millage
 Reporting Official Title Manager NGL Operations Phone 3196885301
 Determining Person David D. Millage
 Determining Person Title Manager NGL Operations Phone 3196885301

PART 2

Date of Condition Discovered 11/6/1999
 Discovery Notes
 Date Condition Determined to Exist 11/6/1999
Location of Condition
 Condition State IA Condition City Cedar River Crossing
 Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Environmental causes

PART 4

Pipeline Product HAZARDOUS LIQUID
 Description of Condition Land owner called the Cochin Control Center to report that the pipeline crossing the Little Cedar River was exposed and suspended. As a precaution, the line pressure was reduced from 800 psi to 220 psi.reduced from 800 psi to 220 psi.
 Significant Effects
 Discovery Circumstances The pipeline and coating was found to be unharmed and in good condition. No trees or other debris was observed as being snagged on the pipeline. The Little Cedar River is not considered a navigable waterway. The pipeline personnel determined the pipeline was not in nor threatened by a hazardous condition. The pipeline was brought back up to previous line pressure.
 Corrective Action Taken The pipeline will properly covered by dirt and rock to avoid any future erosion.

PART 5

Reduced Pressure From (PSIG) 800 To(PSIG) 220 Shutdown
 Date Action Notes
 Planned Follow-up/Corrective Action The pipeline will be properly covered by dirt and rock to avoid any future erosion.
 Follow-up Begin Date 11/15/1999 Follow-up Complete Date 12/2/1999
Jurisdictional To (Region or State/Agency abbrev)
 Date sent to Region 11/22/1999 Region CENTRAL
 Date Sent to State State/Agency
 OPS_Representative Michael J. Khayata (amer Date 11/22/1999
 Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition	Date of Follow-Up	
Further Follow-Up Reports	Date Expected	
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990043 **Condition Number(s)**
Operator ID 4060 **Operator Name** East Ohio Gas
Principal Business Address
Street 1717 East Ninth Street **City** Cleveland
State OH **Zip** 44101
Interstate Yes **System Type** 1
Report Date 11/24/1999 **Receipt Date** 12/1/1999
Reporting Official Clarence Moore
Reporting Official Title Manager, Pipeline Safety **Phone** 2167366835
Determining Person Pamela Michalski
Determining Person Title Senior Engineer **Phone** 2167366835

PART 2

Date of Condition Discovered 11/21/1999
Discovery Notes Pipeline patrol discovered corrosion
Date Condition Determined to Exist 11/21/1999
Location of Condition
Condition State PA **Condition City** Murrysville
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition Corrosion leak on bottom of pipeline
Significant Effects Localized corrosion pitting to a degree where leakage resulted was discovered
Discovery Circumstances Pipeline patrol discovered corrosion
Corrective Action Taken Dresser Style 96 split sleeve was installed on Nov 21, 1999. Approximately 1000 feet of the pipeline wil be replaced.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Approximately 1000 feet of the pipeline will be replaced.
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 12/2/1999 **Region** EASTERN
Date Sent to State **State/Agency**
OPS_Representative **Date**
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990043 **Condition Number(s)**
Operator Name East Ohio Gas
Date of Safety-Related Condition 11/24/1999 **Date of Follow-Up** 1/5/2000
Further Follow-Up Reports Y **Date Expected** 1/31/2000
Action Taken By Region PA-PUC MONITORING THE FINAL PHASE OF REMEDIAL ACTIVITIES.
PUC WILL PROVIDE ANUPDATE.
Action Taken By Operator FINAL TIE-IN OF NEW PIPE EXPECTED BY END OF JANUARY 2000.
Date Repair **Resulted in Incident After**
Date of Incident
Enforcement Action Taken N **CPF Number** **Concur** N
Prepared by DINO N. RATHOL **Reviewed by**

Report ID 19990043 **Condition Number(s)**
Operator Name East Ohio Gas
Date of Safety-Related Condition 11/24/1999 **Date of Follow-Up** 7/28/2000
Further Follow-Up Reports N **Date Expected** 8/27/2000
Action Taken By Region PA-PUC REVIEWED THE REMEDIAL ACTIVITIES PERFORMED BY
PEOPLES GAS. PA-PUCRECOMMENDED SRCR CLOSURE. NO
FURTHER UPDATES REQUIRED
Action Taken By Operator PEOPLES COMPLETED NECESSARY REMEDIAL ACTIONS RELATED
TO SRCR. NO FURTHER ACTION.
Date Repair **Resulted in Incident After**
Date of Incident
Enforcement Action Taken N **CPF Number** **Concur** N
Prepared by DINO N. RATHOL **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990044 **Condition Number(s)**
Operator ID 13162 **Operator Name** Navajo Refining Company
Principal Business Address
Street Post Office Box 159 **City** Artesia
State NM **Zip** 88211
Interstate Null **System Type** 1
Report Date 11/19/1999 **Receipt Date** 12/3/1999
Reporting Official Georgia Raga
Reporting Official Title Regulatory Coordinator **Phone** 5057483311
Determining Person Greg Cardwell
Determining Person Title Control Room Supervisor **Phone** 5057483311

PART 2

Date of Condition Discovered 11/17/1999
Discovery Notes
Date Condition Determined to Exist 11/17/1999
Location of Condition
Condition State TX **Condition City** Salt Flat
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

PART 4

Pipeline Product
Description of Condition Rio Grande Pipeline Company's 8" pipeline transporting HVLs ruptured and ignited. Wind direction spread the flames from the Rio Grande pipeline rupture directly over the Chevron Pipeline 20" crude line. The heat caused a 10" 600# flange gasket and 3" bleeder valve to start leaking and a rupture on the top of the inlet riser to catch fire on the Chevron fire.
Significant Effects
Discovery Circumstances The 12" Navajo pipeline is located in the vicinity of the 8" Rio Grand pipeline that ruptured.
Corrective Action Taken Reduced pressure from the 800# to 850# range to the 600# to 650# range. Inspected block valve 134. Took thickness of risers, 2" bleeders, 1" bleeders, and mapped. performed Brinell hardness test, a metallurgical test that determines fire damage to the steel as a result of de-carbonization and indicates as to whether the steel has lost some of its elasticity.

PART 5

Reduced Pressure From (PSIG) 850 **To(PSIG)** 650 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 12/3/1999 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 12/3/1999
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 19990044

Condition Number(s)

Operator Name Navajo Refining Company

Date of Safety-Related Condition 11/19/1999

Date of Follow-Up

4/17/2000

Further Follow-Up Reports N

Date Expected

Action Taken By Region Chris Payne and Agustin Lopez, OPS SW Region, conducted an accident investigation of the Rio Grande Pipeline failure. The product released was ignited and Navajo Refining Company's above ground valve was in close proximity. During the investigation of the accident, Messrs. Payne and Lopez witnessed Navajo Refining Company perform a Brinnell Hardness Test of their pipeline facility to ensure it was not structurally damaged. The test showed that the steel was not structurally damaged.

Action Taken By Operator Rio Grande Pipeline Company's 8" HVL pipeline ruptured and ignited near Navajo Refining Company aboveground valve site. Navajo reduced the operating pressure of their 12" pipeline from 800-850 psi to 600-650 psi. When the area was made safe Navajo personnel performed a Brinnell Hardness Test on the valve site to ensure the steel had not been structurally damaged by the radiant heat of the fire. The test proved no damage occurred and the pressure was raised back to normal operating conditions.

Date Repair 11/19/1999

Resulted in Incident After N

Date of Incident

Enforcement Action Taken N

CPF Number

Concurrence N

Prepared by Chris Payne

Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 19990045 **Condition Number(s)**
Operator ID 26149 **Operator Name** Alyeska Pipeline
Principal Business Address
Street P.O. Box 60469 **City** Fairbanks
State AK **Zip** 99706
Interstate Yes **System Type** 3
Report Date 12/29/1999 **Receipt Date** 12/30/1999
Reporting Official William D. Howitt
Reporting Official Title Senior Vice President **Phone** 9074569417
Determining Person Jim Giles
Determining Person Title Asset Manager **Phone** 9074504702

PART 2

Date of Condition Discovered 12/23/1999
Discovery Notes Overpressure in relief header piping
Date Condition Determined to Exist 12/24/1999
Location of Condition
Condition State AK **Condition City**
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Other (none of above 8 conditions)

PART 4

Pipeline Product Oil
Description of Condition Overpressure in relief header piping caused a gasket to leak.
Significant Effects
Discovery Circumstances
Corrective Action Taken Relieved pressure on suction header by opening valves. Also removed pressure relief valves from service. Identified leak source to be a gasket.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Actions will include modifications of existing procedure		
Follow-up Begin Date	Follow-up Complete Date	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 1/30/2000	Region WESTERN	
Date Sent to State	State/Agency	
OPS_Representative	Date	
Complete Notes		

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000001 **Condition Number(s)** 1
Operator ID 6420 **Operator Name** GOLDEN MEADOW GAS DEPT, TOWN OF
Principal Business Address
Street 313 North Bayou Drive, Post Office Box 307 **City** Golden Meadow
State LA **Zip** 70357
Interstate Null **System Type** 1
Report Date 1/27/2000 **Receipt Date** 1/27/2000
Reporting Official David W. Rushing
Reporting Official Title Gas Forman **Phone** 5044755212
Determining Person David W. Rushing
Determining Person Title Gas Forman **Phone** 5044745212

PART 2

Date of Condition Discovered 1/25/2000
Discovery Notes
Date Condition Determined to Exist 1/26/2000
Location of Condition
Condition State LA **Condition City** Golden Meadow
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product natural gas
Description of Condition Extensive external corrosion condition on pipeline. The size of the pipeline is 4 inch steel with coal tar enamel wrap. The MAOP was 200 p.s.i.g. The age of the pipe is unknown.
Significant Effects Due to the extensive external corrosion condition of the pipeline, it was deemed beyond repair.
Discovery Circumstances The Town of Golden Meadow was conducting a cathodic protection survey. It was discovered that the potential on the Towns feeder line was below the -0.85 volt criteria. Anode locations were checked to determine proper operations. During this time, it was found that external atmospheric corrosion existed on the pipeline. The anodes were found to be depleted. It was determined that the condition may lead to a severe leak or line rupture. However, this feeder line is the single source of gas for the town.
Corrective Action Taken Replace existing feeder line into town and obtain another source of gas supply for town.

PART 5

Reduced Pressure From (PSIG) 200 **To(PSIG)** 60 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 2/24/2000 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 2/24/2000
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition	Date of Follow-Up	
Further Follow-Up Reports	Date Expected	
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000002 **Condition Number(s)** 5
Operator ID 12127 **Operator Name** MARATHON ASHLAND PIPE LINE LLC
Principal Business Address
Street 5825 E. Cumberland Road **City** Martinsville
State IL **Zip** 62442
Interstate No **System Type** 3
Report Date 2/18/2000 **Receipt Date** 2/18/2000
Reporting Official Gary Steed
Reporting Official Title District Manager **Phone** 2173822225
Determining Person Gary Steed
Determining Person Title District Manager **Phone** 2173822225

PART 2

Date of Condition Discovered 2/11/2000
Discovery Notes
Date Condition Determined to Exist 2/11/2000
Location of Condition
Condition State IN **Condition City** Lake
Did Condition Occure on Outer Continental Shelf

PART 3

REASON FOR REPORTING

Malfunction or operating error

PART 4

Pipeline Product Refined Product
Description of Condition Prover Loop malfunction caused a restriction in the pipeline. The Prover Ball stuck in the 4-way diverter valve. The station and line pressure reached 793 psig.
Significant Effects Station piping includes 300 ANSI rated equipment with a historical maximum operating pressure rating of 700 psig. The restriction caused a 113% over pressure event.
Discovery Circumstances Third party shipper was delivering product to MAPL when the pressure relief system at the third party facility activated at 720 psig and the pumping was immediately shut down by the third party.
Corrective Action Taken Restriction in the prover loop has been corrected by replacing the prover ball. Also, after a brief review of the third party shipper station equipment at the delivery point, MAPL requested lowering of the third party pressure relief to 700 psi during future deliveries at this facility for a 60 day interim period.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action		
Follow-up Begin Date	Follow-up Complete Date	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 2/25/2000	Region CENTRAL	
Date Sent to State	State/Agency	
OPS_Representative Michael J. Khayata	Date 2/25/2000	
Complete Notes		

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition	Date of Follow-Up	
Further Follow-Up Reports	Date Expected	
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000003 **Condition Number(s)** 1
Operator ID 2325 **Operator Name** CHEVRON USA INC
Principal Business Address
Street 935 Gravier Street **City** NEW ORLEAN
State LA **Zip** 70174
Interstate Null **System Type** 3
Report Date 2/22/2000 **Receipt Date** 2/22/2000
Reporting Official S. J. Molloy
Reporting Official Title Operations Specialist **Phone** 5045927688
Determining Person Jack Baker
Determining Person Title Facility Engineer **Phone** 5045926291

PART 2

Date of Condition Discovered 2/10/2000
Discovery Notes
Date Condition Determined to Exist 2/10/2000
Location of Condition
Condition State LA **Condition City** New Orleans
Did Condition Occured on Outer Continental Shelf

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product
Description of Condition During NDT inspection of the subject riser, a paint blister was x-rayed and NDT determined that there was 53% wall loss in this area. The MAOP of the line lowered from 1440 psig to 1100 psig and the platform PSHs were reset to 1050 psig.
Significant Effects
Discovery Circumstances During NDT inspection of the subject riser, a paint blister was x-rayed.
Corrective Action Taken A repair procedure was developed and approved by the Mineral Management Service. A clockspring composite sleeve reinforcement system was installed on 2/16/00. This material is applied to the outside of the affected pipe to structurally reinforce the pipe. The clockspring design analysis shows the repair rating of the pipe to be 4750 psig after installation. The MAOP of the line was returned to 1440 psig., limited by fitting ratings. The PSHs were reset to 1170 psig.

PART 5

Reduced Pressure From (PSIG) 1440 **To(PSIG)** 1170 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date** 2/16/2000
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 2/25/2000 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 2/25/2000
Complete Notes Remedial action completed on 2/26/00 wit

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition	Date of Follow-Up	
Further Follow-Up Reports	Date Expected	
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000004 **Condition Number(s)**
Operator ID 27 **Operator Name** ABITA SPRINGS NAT GAS & WATER
Principal Business Address
Street Post Office Box 461 **City** Abita Springs
State LA **Zip** 70420
Interstate Null **System Type** 1
Report Date 2/29/2000 **Receipt Date** 2/29/2000
Reporting Official Joseph W. Lloyd
Reporting Official Title Utility Supervisor **Phone** 5048920711
Determining Person Joseph W. Lloyd
Determining Person Title Utility Supervisor **Phone** 5048920711

PART 2

Date of Condition Discovered 2/25/2000
Discovery Notes
Date Condition Determined to Exist 2/25/2000
Location of Condition
Condition State LA **Condition City** Abita Springs
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Environmental causes

PART 4

Pipeline Product natural gas
Description of Condition
Significant Effects
Discovery Circumstances Inspecting Station
Corrective Action Taken Getting bids to replace regulator.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 3/1/2000 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date**
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000005 **Condition Number(s)**
Operator ID 30918 **Operator Name** KINDER MORGAN GP, INC.
Principal Business Address
Street 1100 TOWN & COUNTRY ROAD **City** ORANGE
State CA **Zip** 92868
Interstate Null **System Type** 3
Report Date 3/6/2000 **Receipt Date** 3/8/2000
Reporting Official Bob Pliska
Reporting Official Title Pipeline Integrity Manager **Phone** 714564945
Determining Person Ron Thompson
Determining Person Title Senior Pipeliner **Phone** 6022783323

PART 2

Date of Condition Discovered 3/2/2000
Discovery Notes
Date Condition Determined to Exist 3/2/2000
Location of Condition
Condition State AZ **Condition City** Coolige
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Refined Petroleum Pro
Description of Condition General corrosion has reduced wall thickness to less than required for the maximum operating pressure.
Significant Effects Reduced pipe wall thickness corrosion had reduced the design safety margin below the desired level.
Discovery Circumstances Excavation and examination of the pipe during data verification process following internal inspection survey.
Corrective Action Taken Reduced maximum discharge pressure of Phoenix pumps from 2000 psi to 1735 psi to maintain safe operating pressure at the location of general corrosion. (MP 71.52) Insatllled three (3) full encirclement split steel reinforcement sleeves(26",21",and 12") over areas of general corrosion on 3/3/00

PART 5

Reduced Pressure From (PSIG) 2000 **To(PSIG)** 1735 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date 3/2/2000 **Follow-up Complete Date** 3/3/2000
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 3/10/2000 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 3/10/2000
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition	Date of Follow-Up	
Further Follow-Up Reports	Date Expected	
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000006 **Condition Number(s)**
Operator ID 15156 **Operator Name** SINCLAIR PIPELINE CO
Principal Business Address
Street 550 East South Temple **City** Salt Lake City
State WY **Zip** 84102
Interstate Yes **System Type** 3
Report Date 3/1/2000 **Receipt Date** 3/1/2000
Reporting Official Don K. Neuwerth
Reporting Official Title District Manager **Phone** 3073283549
Determining Person Don K. Neuwerth
Determining Person Title District Manager **Phone** 3073283549

PART 2

Date of Condition Discovered 2/23/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 2/23/2000
Location of Condition
Condition State WY **Condition City** Natrona County
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Crude Oil
Description of Condition External corrosion
Significant Effects
Discovery Circumstances Sinclair was running an ultrasonic inspection tool during the week of November 15, 1999. The results of the tool run indicated external corrosion at the location where the pipeline crosses Poison Spider Road near the intersection of Poison Spider and Robertson Roads, Mills, Wyoming in Section 11, Township 33 North, Range 80 West, Natrona County.
Corrective Action Taken On February 23, 2000, Sinclair Pipeline reduced the pressure shutdown setting at its Casper Pump Station 1.4 miles upstream of the corroded section of pipeline from 1100 psi to 800 psi.

 On February 29, 2000, the corroded section of pipeline was excavated. The corroded section was scheduled to be repaired on March 2, 2000. The intended repair method is to install a "Patchmaster" synthetic sleeve rated at 2150 psi (Patchmaster is similar to a Clockspring repair sleeve).

PART 5

Reduced Pressure From (PSIG) 1100 **To(PSIG)** 800 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000007 **Condition Number(s)**
Operator ID 15156 **Operator Name** SINCLAIR PIPELINE CO
Principal Business Address
Street 550 EAST SOUTH TEMPLE **City** SALT LAKE C
State UT **Zip** 84102
Interstate Yes **System Type** 3
Report Date 3/1/2000 **Receipt Date** 3/1/2000
Reporting Official Don K. Neuwerth
Reporting Official Title District Manager **Phone** 3073283549
Determining Person Don K. Neuwerth
Determining Person Title District Manager **Phone** 3073283549

PART 2

Date of Condition Discovered 2/23/2000
Discovery Notes See Part 4 - Discovery Circumstances
Date Condition Determined to Exist 2/23/2000
Location of Condition
Condition State WY **Condition City** Natrona County
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Crude Oil
Description of Condition External corrosion
Significant Effects
Discovery Circumstances Sinclair Pipeline Company ran an ultrasonic inspection tool during the week of November 15, 1999. Sinclair obtained preliminary results for the pig run on February 23, 2000. Those results indicated a reduction of pipe wall thickness due to edternal corrosion. The location of the indication is where the pipeline crosses the Sweetwater River in Section 6, Township 29 North, Range 85 West, Natrona County, Wyoming.
Corrective Action Taken Sinclair reduced tht pressure shutdown setting at its Sanford Pump station 3.8 miles upstream of the external corrosion location identified by the Ultrasonic inspection tool.

 On February 23, 2000, the pressure shutdown was reduced from 1100 psi to 800 psi. On February 24, the pressure shutdown was reduced again from 800 psi to 750 psi.

 Sinclair intend to either make a permanent repair to the corroded section of pipeline or replace the corroded section of pipeline within the next three (3) months.

PART 5

Reduced Pressure From (PSIG) 1100 **To(PSIG)** 750 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Sinclair intends to either repair the corroded section of pipeline or replace the failed section of pipeline within the next three (3) months

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date 3/1/2000 **Follow-up Complete Date** 6/1/2000

Jurisdictional To (Region or State/Agency abbrev)

Date sent to Region 1/3/1999 **Region** WESTERN

Date Sent to State **State/Agency**

OPS_Representative James Reynolds **Date** 5/17/2000

Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)
Operator Name	
Date of Safety-Related Condition	Date of Follow-Up
Further Follow-Up Reports	Date Expected
Action Taken By Region	
Action Taken By Operator	
Date Repair	Resulted in Incident After
Date of Incident	
Enforcement Action Taken	CPFNumber Concur
Prepared by	Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000008 **Condition Number(s)**
Operator ID 15017 **Operator Name** PACIFIC GAS TRANSMISSION
Principal Business Address
Street 123 Misson Street **City** Sanfrancisco
State CA **Zip** 94177
Interstate Null **System Type** 1
Report Date 3/10/2000 **Receipt Date** 3/15/2000
Reporting Official Shan Bhattacharya
Reporting Official Title VP, Dist. Eng & Planning **Phone** 4159736998
Determining Person Dan Ries
Determining Person Title OM&C Superintendent, Area **Phone** 6505987324

PART 2

Date of Condition Discovered 3/7/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 3/8/2000
Location of Condition
Condition State CA **Condition City** Millbrae
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Environmental causes

PART 4

Pipeline Product Natural Gas
Description of Condition A landslide that developed between Crestview Drive and Pinehurst Court in the City of Millbrae was is endangering several homes. Five (5) homes on Pinehurst have been red tagged
Significant Effects Further earth movement could potentially cause damage to gas distribution facilities in the area and result in an unintentional release of gas.
Discovery Circumstances The City of millbrae alerted the PG&E of the landslide
Corrective Action Taken PG&E Sr. Engineering Geologist made an assessment of the area. Two (2) mainline valves were installed to isolate the affected facilities on Pinehurst.

 The valves were shut off on March 8, 2000, at the request of the fire department, discontinuing gas service to six (6) homes.

 Flexible service lines are being installed on three (3) homes on Crestview.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action	PG&E plans to continue to monitor the area. Continue to maintain constant communication with the City of Millbrae and the County of San Mateo, Office of Emergency Services. Restore servic if and when it is safe to do so.	

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date	Follow-up Complete Date
Jurisdictional To (Region or State/Agency abbrev)	
Date sent to Region 3/3/2000	Region WESTERN
Date Sent to State	State/Agency
OPS_Representative James Reynolds	Date 5/18/2000
Complete Notes	

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)
Operator Name	
Date of Safety-Related Condition	Date of Follow-Up
Further Follow-Up Reports	Date Expected
Action Taken By Region	
Action Taken By Operat	
Date Repair	Resulted in Incident After
Date of Incident	
Enforcement Action Taken	CPFNumber Concur
Prepared by	Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000009 **Condition Number(s)**
Operator ID 4900 **Operator Name** TEJAS GAS PIPELINE LP
Principal Business Address
Street 1301 MCKINNEY STREET, SUITE 700 **City** HOUSTON
State TX **Zip** 77010
Interstate Null **System Type** 1
Report Date 3/27/2000 **Receipt Date** 3/27/2000
Reporting Official Fred Dennis
Reporting Official Title Manager, Regulatory Comj **Phone** 7132303283
Determining Person Gary V. Henneke
Determining Person Title Corrosion Control - Gulf Coa **Phone** 3615733283

PART 2

Date of Condition Discovered 3/22/2000
Discovery Notes
Date Condition Determined to Exist 3/23/2000
Location of Condition
Condition State TX **Condition City** Victoria
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product
Description of Condition External corrosion found 0.040" internal corrosion found 0.170" on 14" X.250 Grade A pipe.
Significant Effects
Discovery Circumstances While making preparations for extending a road casing for a highway relocation project, operator discovered internal and external corrosion on 14" pipeline system.
Corrective Action Taken Pipeline was cut out of service at time of discovery in preparation of extending casing for Highway Relocations. Operator will hydrostatically test 8 miles of the pipeline system for 8 hours to establish a MAOP of 617 psig. Preparation and testing to occur the week of March 27, 2000.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action		
Follow-up Begin Date 3/27/2000	Follow-up Complete Date	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 3/28/2000	Region SOUTHWES	
Date Sent to State	State/Agency	
OPS_Representative Michael J. Khayata	Date 3/28/2000	
Complete Notes		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000009 **Condition Number(s)**
Operator Name TEJAS GAS PIPELINE LP
Date of Safety-Related Condition 3/27/2000 **Date of Follow-Up** 3/27/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region The Railroad Commission personnel, contact Tejas by phone and obtained the information below in the "Action taken by operator" section.
Action Taken By Operator The operator cut out and replaced the section of corroded pipe. The operator then hydrostatically test and reset MAOP at 575 psig.
Date Repair 3/27/2000 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPFNumber** **Concur**
Prepared by Jaime Hernandez **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000010 **Condition Number(s)**
Operator ID 18484 **Operator Name** SOUTHERN CALIFORNIA GAS CO
Principal Business Address
Street 555 W. Fifth Street **City** Los Angles
State CA **Zip** 90013-1011
Interstate Yes **System Type** 1
Report Date 3/28/2000 **Receipt Date** 3/29/2000
Reporting Official Jeff Koskie
Reporting Official Title Safety Manager **Phone** 2132443283
Determining Person Rick Gailing
Determining Person Title Senior Engineer **Phone** 2132445404

PART 2

Date of Condition Discovered 3/24/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 3/26/2000
Location of Condition
Condition State CA **Condition City** Ventura County
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Environmental causes

PART 4

Pipeline Product Natural Gas
Description of Condition A special aerial patrol discovered land movement across Line 1004. Further investigation by engineers and a geologist revealed potential for excess stress upon the pipeline.
Significant Effects
Discovery Circumstances
Corrective Action Taken An eight (8) mile section of the 16" Line 1004 was blown down and taken out of service from Ventura Station to M.P. 1004-25.76. Engineering and Tecnnical Services is presently evaluation this pipeline to determine what final action will be taken.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes** Line was taken out of service
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 3/29/2000 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative James Reynolds **Date** 5/17/2000
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000011 **Condition Number(s)**
Operator ID 451 **Operator Name** AMOCO PRODUCTION CO
Principal Business Address
Street 2225 WEST OKLAHOMA **City** ULYSSES
State KS **Zip** 67880
Interstate No **System Type** 1
Report Date 4/18/2000 **Receipt Date** 4/20/2000
Reporting Official Richard Perez
Reporting Official Title Field Technician **Phone** 3163567016
Determining Person Rayburn Langston
Determining Person Title Field Technician **Phone** 3163566919

PART 2

Date of Condition Discovered 4/18/2000
Discovery Notes
Date Condition Determined to Exist 4/18/2000
Location of Condition
Condition State KS **Condition City** Ulysses
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Material defect due to gas or liquid
 Leak that constitutes an emergency
 Imminent hazard

PART 4

Pipeline Product Natural Gas
Description of Condition 1" drip riser struck by grain semi truck driven by Paul Abernathy of Joe and Sons Trucking, 300 psig gas relaeased, plume covered HWY 160 and Road C for approximately 1.5 hours.
Significant Effects The potential for serious injury of death from fire, explosion and electrical shock existed for the driver of the truck, no other people or building were in the immediate vicinity of the occurrence. Lesser risks associated with this occurrence were to other drivers on the adjacent highway and for the fire or explosion at our west main compressor station across the highway.
Discovery Circumstances A passerby witnessed the event and notified local emercency officials of the occurrence. Grant County Emergency Services then notified BP Amoco. BP Amoco immediately dispatched an investigator to verify the existance of the event on our facilities.
Corrective Action Taken Followed company incident command system (ICS) protocol. Isolated and blew down the line immediately as per BP Amocos ICS. Called Leo Haynos of the KCC at 11:01 am., to report the safety related condition. Immediately followed pipeline repair procedures after area was cleared by all involved agencies.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action 4/18/2000	Notes	
Planned Follow-up/Corrective Action Immediately followed BP Amocos pipeline repair procedures to replace 1" damaged apputence. Line segment was placed back in service at 3:20 pm. New prefabricated 6" guard is cemented in place around 1" drip riser. Future follow-up not required since the line is back in service.		

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date 4/18/2000 **Follow-up Complete Date** 4/18/2000

Jurisdictional To (Region or State/Agency abbrev)

Date sent to Region 4/21/2000 **Region** CENTRAL

Date Sent to State **State/Agency**

OPS_Representative Michael J. Khayata **Date** 4/21/2000

Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)
Operator Name	
Date of Safety-Related Condition	Date of Follow-Up
Further Follow-Up Reports	Date Expected
Action Taken By Region	
Action Taken By Operator	
Date Repair	Resulted in Incident After
Date of Incident	
Enforcement Action Taken	CPFNumber Concur
Prepared by	Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000012 **Condition Number(s)**
Operator ID 18484 **Operator Name** SOUTHERN CALIFORNIA GAS CO
Principal Business Address
Street 555 W. Fifth Street **City** Los Angles
State CA **Zip** 900131011
Interstate Null **System Type** 1
Report Date 4/17/2000 **Receipt Date** 4/18/2000
Reporting Official Jeff Koskie
Reporting Official Title Pipeline Safety Consultant **Phone** 2132443219
Determining Person Ed Weigman
Determining Person Title Regional Engineer **Phone** 8187033331

PART 2

Date of Condition Discovered 3/13/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 4/13/2000
Location of Condition
Condition State CA **Condition City** Kingsburg
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Leak that constitutes an emergency

PART 4

Pipeline Product Natural Gas
Description of Condition The Souther California Gas Companys (SCGC) pipeline was overpressured due to a leak on a by-pass valve on a regulator. The regulator station is ID 1316A and is located in the city of Kingston, California.
Significant Effects
Discovery Circumstances On March 13, 2000 MDO received a high pressure indication from their electronic measurement instument. The SCGCs notified their regional office of the occurrence. Their regional office inspected the station and performed a lockup test only to discover that the regulation had a high lockup. Regulator parts were replaced.
 On March 14, 2000 the regional office performed a follow up visit to the incident site and performed another lockup test and the test was successful.
 On April 13, 2000, MDO received a high pressure indication form their electronic measurement instrument. SCGCc regional office inspected the instrument and dicovered the leaking by-pass valve. The valve was removed.
Corrective Action Taken Southern California Gas Company removed the leaking by-pass valve.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action		

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date	Follow-up Complete Date
Jurisdictional To (Region or State/Agency abbrev)	
Date sent to Region 4/21/2000	Region WESTERN
Date Sent to State	State/Agency
OPS_Representative James Reynolds	Date 5/19/2000
Complete Notes No information on system shutdown.	

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)
Operator Name	
Date of Safety-Related Condition	Date of Follow-Up
Further Follow-Up Reports	Date Expected
Action Taken By Region	
Action Taken By Operator	
Date Repair	Resulted in Incident After
Date of Incident	
Enforcement Action Taken	CPFNumber Concur
Prepared by	Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000013 **Condition Number(s)** 1
Operator ID 13750 **Operator Name** NORTHERN NATURAL GAS CO (ENRON)
Principal Business Address
Street PO BOX 1188 **City** HOUSTON
State TX **Zip** 77251
Interstate Null **System Type** 1
Report Date 4/28/2000 **Receipt Date** 4/28/2000
Reporting Official Will Burks
Reporting Official Title Project Engineer **Phone** 7136467966
Determining Person Mike Gleaves
Determining Person Title Senior O&M Technician **Phone** 7124826101

PART 2

Date of Condition Discovered 4/17/2000
Discovery Notes Discovered a leak at a road crossing.
Date Condition Determined to Exist 4/21/2000
Location of Condition
Condition State IA **Condition City** Oakland
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Leak that constitutes an emergency

PART 4

Pipeline Product Natural Gas
Description of Condition The Company repaired the condition by inserting a six inch piece of pipe in the existing 10 inch that was leaking. The leaking pipe was not removed. It is now a casing for the 6".
Significant Effects
Discovery Circumstances While performing a leak detection survey on the A-line, a natural gas transmission line, small amounts of gas were detected coming from the casing vent on Hwy 6 road crossing. This is a cased crossing in front of the Oakland compressor station. The gas is only coming from the casing vent. The casing vent sits back off the highway and no gas has been detected at the highway.
Corrective Action Taken The line pressure was reduced to 50 psig to support farm taps until a positive determination of the condition can be made. The casing vent is being monitored with leak detection equipment daily. Operations is currently awaiting FERC approval to replace the pipe in the road crossing. Approval is expected early week of May 1st. Upon approval, the pipe will be replaced inside the casing with pipe commensurate with the existing line MAOP.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** 50 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Awaiting FERC approval to excavate, remove, and replace the leaking piece of pipe.

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date _____ **Follow-up Complete Date** 5/25/2000
Jurisdictional To (Region or State/Agency abbrev) _____
Date sent to Region 5/2/2000 **Region** CENTRAL
Date Sent to State _____ **State/Agency** _____
OPS_Representative Michael J. Khayata **Date** 5/2/2000
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000013 **Condition Number(s)** 1
Operator Name NORTHERN NATURAL GAS CO (ENRON)
Date of Safety-Related Condition 4/28/2000 **Date of Follow-Up** 5/2/2000
Further Follow-Up Reports Y **Date Expected** _____
Action Taken By Region Called Willl Burks for an update on the progress of this SRCR. They are still waiting on FERC approval. Indicated that they would replace that section as soon as they recieved FERC approval. They were expecting it today or tomorrow. He will call when it is done.
Action Taken By Operat _____
Date Repair 5/25/2000 **Resulted in Incident After** N
Date of Inciden _____
Enforcement Action Taken N **CPFNumber** _____ **Concur** Y
Prepared by H. Shieh **Reviewed by** Ivan Hunttoon

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000014 **Condition Number(s)**
Operator ID 31202 **Operator Name** RELIANT ENERGY FIELD SERVICES CORP
Principal Business Address
Street 525 Milam Street **City** Shreveport
State LA **Zip** 71151
Interstate Yes **System Type** 1
Report Date 5/15/2000 **Receipt Date** 5/15/2000
Reporting Official Ted Vande Kamp
Reporting Official Title Pipeline Technical Leader **Phone** 3184293606
Determining Person Ted Vande Kamp
Determining Person Title Pipeline Technical Leader **Phone** 3184293606

PART 2

Date of Condition Discovered 5/8/2000
Discovery Notes
Date Condition Determined to Exist 5/12/2000
Location of Condition
Condition State IL **Condition City** Madison County
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition A patch of atmospheric corrosion was found during routine maintenance on MRTs 24" O.D. Alton Loop East pipeline that transports natural gas. The maximum depth of the anomaly was 170 mils with a length of 12 inches.
Significant Effects
Discovery Circumstances
Corrective Action Taken The pressure in the pipeline was lowered on May 8th to an MOP of 276 psi. Repair work was completed on May 13th, approximately 60 ft. of pipe was replaced.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** 276 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 5/16/2000 **Region** CENTRAL
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date**
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	20000014	Condition Number(s)	
Operator Name	RELIANT ENERGY FIELD SERVICES CORP		
Date of Safety-Related Condition	5/15/2000	Date of Follow-Up	3/1/2001
Further Follow-Up Reports		Date Expected	
Action Taken By Region			
Action Taken By Operator			
Date Repair	Resulted in Incident After		
Date of Incident			
Enforcement Action Taken	CPFNumber	Concur	Y
Prepared by	Reviewed by		

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000015 **Condition Number(s)**
Operator ID 2748 **Operator Name** CONSUMERS ENERGY
Principal Business Address
Street 212 West Michigan Avenue **City** Jackson
State MI **Zip** 48722
Interstate Null **System Type** 1
Report Date 4/28/2000 **Receipt Date** 5/16/2000
Reporting Official Benedict C. Sosinski
Reporting Official Title Manager of Gas Transmiss **Phone** 5177881890
Determining Person Wayne DeVoies
Determining Person Title Senior Engineer **Phone**

PART 2

Date of Condition Discovered 4/26/2000
Discovery Notes
Date Condition Determined to Exist 4/26/2000
Location of Condition
Condition State MI **Condition City** Rose
Did Condition Occured on Outer Continental Shelf

PART 3

REASON FOR REPORTING
 Other (none of above 8 conditions)

PART 4

Pipeline Product Natural Gas
Description of Condition Lightning hit the 16" pipeline
Significant Effects The actual defect was 3/4" X 1/2" in size and melted approximately 25% of the pipe wall thickness.
Discovery Circumstances Notified by property owner near the line of disturbed earth over the line.
Corrective Action Taken The defect caused by the lightning strike was cutout and removed as a cylinder on April 27, 2000.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 5/19/2000 **Region** CENTRAL
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 5/19/2000
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000015

Condition Number(s)

Operator Name CONSUMERS ENERGY

Date of Safety-Related Condition 4/28/2000

Date of Follow-Up 5/26/2000

Further Follow-Up Reports

Date Expected 6/25/2000

Action Taken By Region The state followed up on the records portion of repair. Michigan was not notified until the day of the repair.

Action Taken By Operator Consumers found the defect in the line, caused by lightening, on April 26, 2000. The wall thickness was found 75% of the original. Consumers cut out and removed damaged area on April 27, 2000. Although this did not meet the SRC reporting criteria, Consumers notified OPS. The line is back in operation.

Date Repair 4/27/2000 **Resulted in Incident After** N

Date of Incident

Enforcement Action Taken **CPFNumber** **Concurred** Y

Prepared by WARREN MILLEI **Reviewed by** Ivan Hunttoon

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000016 **Condition Number(s)**
Operator ID 12582 **Operator Name** MISSISSIPPI VALLEY GAS
Principal Business Address
Street 711 West Capitol Street **City** Jackson
State MS **Zip** 39203
Interstate Null **System Type** 1
Report Date 5/17/2000 **Receipt Date** 5/18/2000
Reporting Official Roy Stubbs
Reporting Official Title Area Manager **Phone** 6628873611
Determining Person Kinch Ledbetter
Determining Person Title Crew Leader A **Phone** 6628873611

PART 2

Date of Condition Discovered 5/15/2000
Discovery Notes
Date Condition Determined to Exist 5/15/2000
Location of Condition
Condition State MS **Condition City** Indianola
Did Condition Occured on Outer Continental Shelf

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition Small natural gas leak due to corrosion on 8" steel pipe, also corrosion pits to pipe surface.
Significant Effects Natural gas leak and deterioration of integrity of pipeline.
Discovery Circumstances
Corrective Action Taken Uncovered and examined all pipe until no pits were found to the west of gas leak, uncovered to the east of the leak and found a dresser coupling in the line with good pipe to the east of the dresser coupling. Replaced all pitted pipe and the dresser coupling with 90 50" of new 8" wrapped steel pipe.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action This is a permanent repair for this section of pipeline. Plan to locate and remove any additional dresser coupling in this pipeline.
Follow-up Begin Date 5/18/2000 **Follow-up Complete Date** 5/26/2000
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 5/19/2000 **Region** SOUTHERN
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 5/19/2000
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000016 **Condition Number(s)**
Operator Name MISSISSIPPI VALLEY GAS
Date of Safety-Related Condition 5/17/2000 **Date of Follow-Up** 7/25/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region CLOSED
Action Taken By Operator OPERATOR REPLACED PIPE
Date Repair 5/17/2000 **Resulted in Incident After** N
Date of Incident 5/15/2000
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by G HINDMAN **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000017 **Condition Number(s)**
Operator ID 4483 **Operator Name** ENSTAR NATURAL GAS CO
Principal Business Address
Street P.O. Box 190288 **City** Anchorage
State AK **Zip**
Interstate Yes **System Type** 1
Report Date 5/11/2000 **Receipt Date** 5/11/2000
Reporting Official Drew Smith
Reporting Official Title Senior Engineer **Phone** 9072643744
Determining Person John Lau
Determining Person Title Director, Trans/Engineering **Phone** 9072643736

PART 2

Date of Condition Discovered 5/5/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 5/10/2000
Location of Condition
Condition State AK **Condition City** kenai Borough
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Imminent hazard

PART 4

Pipeline Product Natural Gas
Description of Condition Two 12" transmission pipelines are exposed in a tide gut just northeast of Burnt Island on the south side of Turnagain Arm. Approximately 150' of both the pipeline are exposed in a tide gut. Both pipes are concrete coated and were last inspected on 5/5/00.

 The concrete appears to be in tact except for the weld joint area where the pipe is coated with a polyethylene tape. The pipe in the joint area appears in good condition (no bends, dents, etc). The pipelines are located in a tidally influenced area that is only visible during very low tides.
Significant Effects
Discovery Circumstances
Corrective Action Taken Enstar has selected to monitor the exposure until a solution is determined. Pipeline and Gas Control personnel have been notified and briefed on shut down procedures in case a leak develops. The Turnagain Arm Pipeline crossings have valves on both sides. The exposures are in a remote and unpopulated area.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action		

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date	Follow-up Complete Date
Jurisdictional To (Region or State/Agency abbrev)	
Date sent to Region 5/19/2000	Region WESTERN
Date Sent to State	State/Agency
OPS_Representative James Reynolds	Date 5/19/2000
Complete Notes	

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition	Date of Follow-Up	
Further Follow-Up Reports	Date Expected	
Action Taken By Region		
Action Taken By Operat		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPFNumber	Concur
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000018 **Condition Number(s)**
Operator ID 26149 **Operator Name** ALYESKA PIPELINE SERVICE CO
Principal Business Address
Street 1835 South Bragaw Street, MS 542 **City** Anchorage
State AK **Zip** 99512
Interstate Yes **System Type** 3
Report Date 5/24/2000 **Receipt Date** 5/25/2000
Reporting Official Bill Howitt
Reporting Official Title Senior Vice President **Phone** 9074505417
Determining Person Bill Flanders
Determining Person Title Engineering Coordinator **Phone** 9074505478

PART 2

Date of Condition Discovered 5/16/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 5/22/2000
Location of Condition
Condition State **Condition City** MP 710-77
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Other (none of above 8 conditions)

PART 4

Pipeline Product

Description of Condition Operator discovered five (5) areas with wall loss located on the top half of the pipe. Operator states that the wall loss does not appear to be corrosion related. Using a combination of ultra-sonic and pit gauge measurements, operator determined that in the areas of the wall loss, the percent of wall loss ranged from 15% to 83%, each over a short axial length.

Significant Effects

Discovery Circumstances Operator discovered the five (5) areas of wall loss on the pipe as a result of excavation activities performed on May 15, 2000. The excavation activities were performed after reviewing the results of instrument pig data.

Corrective Action Taken The three (3) shallower wall-loss areas were ground to a smooth contour, analyzed in accordance with ASMEB31.4, and found to be acceptable for continued service.

Sleeves were installed on the two (2) deeper wall-loss areas, retuning the Maximum Allowable Operating Pressure (MAOP) to the original 901 psig.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**

Date Action **Notes**

Planned Follow-up/Corrective Action

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date	Follow-up Complete Date
Jurisdictional To (Region or State/Agency abbrev)	
Date sent to Region 5/25/2000	Region WESTERN
Date Sent to State	State/Agency
OPS_Representative James Reynolds	Date 6/1/2000
Complete Notes Pressure reduced?? Cause of wall loss??	

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)
Operator Name	
Date of Safety-Related Condition	Date of Follow-Up
Further Follow-Up Reports	Date Expected
Action Taken By Region	
Action Taken By Operat	
Date Repair	Resulted in Incident After
Date of Incident	
Enforcement Action Taken	CPFNumber
Prepared by	Concur
	Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000019 Condition Number(s)
 Operator ID 26086 Operator Name SEADRIFT PIPELINE CORP
Principal Business Address
 Street Post Office Box 186 City Port Lavaca
 State TX Zip 779790186
 Interstate Null System Type 1
 Report Date 5/19/2000 Receipt Date 5/19/2000
 Reporting Official K.A. McKnight
 Reporting Official Title HSE Manager Phone 3615533172
 Determining Person H.D. Gonzalez
 Determining Person Title Projects Manager Phone 3615533055

PART 2

Date of Condition Discovered 5/15/2000
 Discovery Notes
 Date Condition Determined to Exist 5/16/2000
Location of Condition
 Condition State TX Condition City King Ranch
 Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition Pipeline O.D. = 10.75"; W.T. = 0.250"; SMYS = 42,000 lbs. External localized pitting. Depth 200 mils. Length 1.75". Position 6 o'clock. Coating: poor. P-S reading 889 mv. Reduced wall thickness would not support current MAOP of 1092.
Significant Effects
Discovery Circumstances During an on-going maintenance and inspection in 1999, pigging this section could not be done due to solids build-up. The line section was recently chemically cleaned and an in-line inspection tool run on May 6-7, 2000. The inspection results were available to company personnel on May 15, 2000. The indicated anomalies were excavated and inspected on May 16, 2000. One anomaly fit the safety-related report criteria.
Corrective Action Taken The pitted area was cut out and replaced. The line section recoated. C-P. level adequate. Since no additional action is necessary, no-follow-up report is required.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action		
Follow-up Begin Date	Follow-up Complete Date	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 6/2/2000	Region SOUTHWES	
Date Sent to State	State/Agency	
OPS_Representative Michael J. Khayata	Date 6/2/2000	

SAFETY-RELATED CONDITION REPORT

Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)
Operator Name	
Date of Safety-Related Condition	Date of Follow-Up
Further Follow-Up Reports	Date Expected
Action Taken By Region	
Action Taken By Operator	
Date Repair	Resulted in Incident After
Date of Incident	
Enforcement Action Taken	CPF Number
Prepared by	Concurred
	Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000020 **Condition Number(s)**
Operator ID 26149 **Operator Name** ALYESKA PIPELINE SERVICE CO
Principal Business Address
Street PO Box 60469 **City** Fairbanks
State AK **Zip** 99706
Interstate Yes **System Type** 3
Report Date 6/7/2000 **Receipt Date** 6/9/2000
Reporting Official William D. Howitt
Reporting Official Title Senior Vice President **Phone** 9074505417
Determining Person Bill Flanders
Determining Person Title Engineering Coordinator **Phone** 9074505478

PART 2

Date of Condition Discovered 5/29/2000
Discovery Notes
Date Condition Determined to Exist 6/2/2000
Location of Condition
Condition State **Condition City**
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Material defect due to gas or liquid

PART 4

Pipeline Product

Description of Condition At station number 985+21.4, a vertical gouge, from the one to three oclock position, approximately 3/16 inches wide, 3 inches in length and with a maximum depth of a 0.042 inches. In addition, there were two (2) rounded dents, with a maximum depth of 1/4 inches

Significant Effects

Discovery Circumstances The physical defects were discovered during an excavation to expose the Fuel Gas Line(FGL) propartory to install a hot tap.

Corrective Action Taken

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** 800 **Shutdown**

Date Action **Notes**

Planned Follow-up/Corrective Action The vertical gouge has been buffed out to a smooth contour and will be recoated and reburied.
 Two (2) repair sleeves will be installed over the dents for structural reinforcement

Follow-up Begin Date **Follow-up Complete Date**

Jurisdictional To (Region or State/Agency abbrev)

Date sent to Region 6/9/2000 **Region** WESTERN

Date Sent to State **State/Agency**

OPS_Representative James Reynolds **Date** 6/15/2000

Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000021 **Condition Number(s)**
Operator ID 7350 **Operator Name** HOPE GAS CO
Principal Business Address
Street 625 Liberty Ave **City** Pittsburgh
State PA **Zip** 152223197
Interstate Yes **System Type** 1
Report Date 6/9/2000 **Receipt Date** 6/9/2000
Reporting Official Roger Brown
Reporting Official Title **Phone** 3046238615
Determining Person Mike Smith
Determining Person Title Supervisor **Phone** 7248572145

PART 2

Date of Condition Discovered 6/8/2000
Discovery Notes
Date Condition Determined to Exist 6/8/2000
Location of Condition
Condition State PA **Condition City** Aliquippa
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

PART 4

Pipeline Product Natural Gas
Description of Condition There was a natural gas leak discovered on a 12 inch bare transmission pipeline
Significant Effects The leak was located 52 feet from an occupied dwelling
Discovery Circumstances The leak was discovered during pipeline surveillance for damage prevention of new house construction.
Corrective Action Taken The pipel was excavated and the leak was repaired with using clamp/spit sleeves.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action Additional follow up actions planned to include replacement of leaking pipe
Follow-up Begin Date 6/12/2000 **Follow-up Complete Date** 10/31/2000
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 6/16/2000 **Region** EASTERN
Date Sent to State **State/Agency**
OPS_Representative **Date**
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrent
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000022 **Condition Number(s)** 1
Operator ID 26303 **Operator Name** UNOCAL PIPELINE CO - EASTERN REGION
Principal Business Address
Street 4023 Ambassador Caffery **City** Lafayette
State LA **Zip** 70503
Interstate Null **System Type** 1
Report Date 6/21/2000 **Receipt Date** 6/21/2000
Reporting Official Danny Trahan
Reporting Official Title District Engineer **Phone** 3372956167
Determining Person Lance Adams
Determining Person Title GCI Technician **Phone** 3379931835

PART 2

Date of Condition Discovered 6/16/2000
Discovery Notes
Date Condition Determined to Exist 6/18/2000
Location of Condition
Condition State LA **Condition City** Lafayette
Did Condition Occured on Outer Continental Shelf Y

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product
Description of Condition Visually inspected and measured corrosion pits on riser on June 18, 2000 upon completion of sandblasting before painting. External corrosion pited areas were further evaluated once measurements and data gathering were complete. ASME B31G calculations resulted in a safe operating pressure of 989 psig based on the remaining wall thickness.
Significant Effects
Discovery Circumstances
Corrective Action Taken The line was temporarily de-rated and the PSH was set at 980 psig. A new riser is currently being fabricated and installation is tentatively scheduled for the week of June 26, 2000.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** 980 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 6/22/2000 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 6/22/2000
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000022 **Condition Number(s)** 1
Operator Name UNOCAL PIPELINE CO - EASTERN REGION
Date of Safety-Related Condition 6/21/2000 **Date of Follow-Up** 6/30/2000
Further Follow-Up Reports **Date Expected**
Action Taken By Region Contacted operator and obtained additional information and time line for correction of event.
Action Taken By Operator Operator fabricated and installed a new 28 section of riser on 06/30/00.
Date Repair 6/30/1999 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPFNumber** **Concur**
Prepared by Buddy Sheets **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000023 **Condition Number(s)**
Operator ID 26149 **Operator Name** ALYESKA PIPELINE SERVICE CO
Principal Business Address
Street P.O. Box 60469 **City** Fairbanks
State AK **Zip** 99706
Interstate Yes **System Type** 3
Report Date 7/5/2000 **Receipt Date** 7/5/2000
Reporting Official William D. Howitt
Reporting Official Title Senior Vice President **Phone** 9074505478
Determining Person Bill Flanders
Determining Person Title Engineering Coordinator **Phone** 9074505478

PART 2

Date of Condition Discovered 6/30/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 7/1/2000
Location of Condition
Condition State **Condition City**
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Crude Oil
Description of Condition An excavation was performed on the Tran-Alaska Pipeline System (TAPS), north of Pump Station 4, Pipeline Milepost 23745 (station 1253752) as a result of instrument pig data.
Significant Effects
Discovery Circumstances General longitudinal wall loss was detected along the sides of this section of pipe and around a girth weld. The region of general exterior corrosion was approximately 60 feet long.
Corrective Action Taken The MAOP of the segment of pipe was derated and the exterior corrosion was mitigated by recoating the pipeline. The pipeline will continue to be monitored through future pig runs, corrosion investigations and surveys.

PART 5

Reduced Pressure From (PSIG) 1012 **To(PSIG)** 980 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 7/7/2000 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative James Reynolds **Date** 7/7/2000
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrent
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000024 **Condition Number(s)** 000
Operator ID 99329 **Operator Name** EXXON PIPELINE COMPANY
Principal Business Address
Street PO Box 2220 Rm KT-401 **City** Houston
State TX **Zip** 77252-2220
Interstate Yes **System Type** 3
Report Date 7/12/2000 **Receipt Date** 7/12/2000
Reporting Official Joel C. Larkin
Reporting Official Title Mgr, Ops Integrity Departu **Phone** 7136560227
Determining Person Joel C. Larkin
Determining Person Title Mgr, Ops Integrity Departme **Phone** 7136560227

PART 2

Date of Condition Discovered 2/12/2000
Discovery Notes See part 4
Date Condition Determined to Exist 7/11/2000
Location of Condition
Condition State **Condition City**
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Imminent hazard

PART 4

Pipeline Product Refined Products
Description of Condition Exxon Mobil Pipe Line Company has been operating their Malvern, PA to Buffalo, NY 8 inch and 6 inch Products Pipeline System at an established Maximum Operating Pressue (MOP) of 1440 psi for over 30 years. However, it has been discovered that the WKM Gate Valves on this pipeline system are only rated for 1200 psi.
Significant Effects Although these valves have seen operating pressures of 1440 psi for the past 30 years, because the valves are rated at 1200 psi, the threat of failure of these valve exist.
Discovery Circumstances During recent mainline valve inspection/maintenance activities, it was noted that a 1200 CWP casting was on the shell of a WKM Gate Valve. Further investigation revealed other WKM Gate Valves in the pipeline system had the same 1200 CWP casting. The gate valves were manufactured in the late 1940s, class ASA 600, and rated at 1200 psi.
Corrective Action Taken Exxon Mobil Pipe Line Company has developed and initiated a valve replacement program. Other corrective actions include: Review Emergency Operating /Shutdown procdedures and Emergency Response Plans with all personnel, visually inspect valves every two weeks, and review and confirm system over/short alarm settings with the Dallas Pipeline Operations Control Center.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action	The valves that are subject to pressures greater than 1200 psi will be replaced within 60 days (9/11/00).	

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date	Follow-up Complete Date	9/11/2000
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region	7/12/2000	Region EASTERN
Date Sent to State		State/Agency
OPS_Representative	James Reynolds	Date 7/17/2000
Complete Notes		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition	Date of Follow-Up	
Further Follow-Up Reports	Date Expected	
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPFNumber	Concur
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000025 **Condition Number(s)** 1
Operator ID 31084 **Operator Name** DUKE ENERGY CORP
Principal Business Address
Street 5400 WESTHEIMER COURT **City** HOUSTON
State TX **Zip** 77056
Interstate Yes **System Type** 1
Report Date 7/24/2000 **Receipt Date** 7/24/2000
Reporting Official Dwayne Teschendorf
Reporting Official Title Principle Engineer **Phone** 7136275573
Determining Person Peter Kerrigan
Determining Person Title Division Technician Speciali: **Phone** 6175601385

PART 2

Date of Condition Discovered 7/19/2000
Discovery Notes
Date Condition Determined to Exist 7/20/2000
Location of Condition
Condition State RI **Condition City** East Providence
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition General corrosion on 10" inlet pipe for the meter station discovered when the pipe was exposed while replacing an inlet valve. The subject pipe is less than 660 ft from a place of human occupancy.
Significant Effects
Discovery Circumstances
Corrective Action Taken Gas pressure has been limited to the safe operating pressure of 703 psig which is less than the MAOP of 770 psig for the subject pipe. The affedted pipe will be replaced by August 11, 2000, after replacement material received.

PART 5

Reduced Pressure From (PSIG) 770 **To(PSIG)** 703 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 7/25/2000 **Region** EASTERN
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 7/25/2000
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrent
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000026 **Condition Number(s)** 0000
Operator ID 26149 **Operator Name** ALYESKA PIPELINE SERVICE CO
Principal Business Address
Street PO Box 60469 **City** Fairbanks
State AK **Zip** 99706
Interstate Yes **System Type** 3
Report Date 3/28/2000 **Receipt Date** 3/28/2000
Reporting Official William Howitt
Reporting Official Title Senior Vice President **Phone** 9074505417
Determining Person Bill Flanders
Determining Person Title **Phone** 9074505478

PART 2

Date of Condition Discovered 3/23/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 3/24/2000
Location of Condition
Condition State **Condition City** Station 7594+64
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Crude Oil
Description of Condition General wall loss was detected on the Trans-Alaska Pipeline , North of Pump Station 4 Pipeline Milepost 143.84 (Station 7594+64)
Significant Effects
Discovery Circumstances An excavation was performed at this location as a result of instrument pig data. General longitudinal wall loss was detected along the sides of this section of pipe and around a girth weld. The region of general exterior corrosion was approximately 60 feet long.
Corrective Action Taken The MOP of the segment of pipe was derated from 901 psig to 871 psig. The exterior surface of the pipe has been recoated. Alyeska will continue to monitor the pipe through future pig runs, corrosion investigations, and surveys.

PART 5

Reduced Pressure From (PSIG) 901 **To(PSIG)** 871 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 7/28/2000 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative James Reynolds **Date** 7/28/2000
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition	Date of Follow-Up	
Further Follow-Up Reports	Date Expected	
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000027 **Condition Number(s)** 1
Operator ID 11169 **Operator Name** LAKEHEAD PIPE LINE CO INC
Principal Business Address
Street Lake Superior Place, 21 West Superior Street **City** Duluth
State MN **Zip** 55802
Interstate Null **System Type** 3
Report Date 7/28/2000 **Receipt Date** 7/28/2000
Reporting Official John Sobojinski
Reporting Official Title Manager, Operations Servi **Phone** 2187250505
Determining Person John Sobojinski
Determining Person Title Manager, Operations Service **Phone** 2187250505

PART 2

Date of Condition Discovered 7/24/2000
Discovery Notes
Date Condition Determined to Exist 7/22/2000
Location of Condition
Condition State MN **Condition City** Leonard
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Imminent hazard

PART 4

Pipeline Product Crude Oil
Description of Condition At the recommendation of the DNR and Minnesota Pollution Control Agency, the leak at MP 914.1 on the 34" crude oil line south of Clearbrook MN on 7/22/2000 was mitigated in part by burning off a portion of the crude oil product which was released. 49 CFR Part 195.106 requires a de-rating of the design factor of pipe from 0.72 to 0.54 for cold expanded pipe exposed to 900 degree F., for any period of time or over 600 degree f., for more than 1 hour. Although, visual inspection was not able to ascertain with 100% certainty that the above conditions were not met.
Significant Effects
Discovery Circumstances
Corrective Action Taken On 07/25/00 a self-imposed pressure reduction of 25% of MAOP was put into affect on this section of Line 3. The pipe will be tested to determine whether or not the conditions in CFR 195.106 were exceeded. The planned follow-up or future corrective action including the anticipated schedule for starting and concluding such action, will be determined after engineering analysis of the test results.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action		

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date	Follow-up Complete Date
Jurisdictional To (Region or State/Agency abbrev)	
Date sent to Region 7/31/2000	Region CENTRAL
Date Sent to State	State/Agency
OPS_Representative Michael J. Khayata	Date 7/31/2000
Complete Notes	

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)
Operator Name	
Date of Safety-Related Condition	Date of Follow-Up
Further Follow-Up Reports	Date Expected
Action Taken By Region	
Action Taken By Operator	
Date Repair	Resulted in Incident After
Date of Incident	
Enforcement Action Taken	CPFNumber Concur
Prepared by	Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000029 **Condition Number(s)** 00
Operator ID 4350 **Operator Name** ELIZABETHTOWN GAS CO
Principal Business Address
Street 1085 Morris Avenue **City Union**
State NJ **Zip** 07083
Interstate No **System Type** 1
Report Date 8/21/2000 **Receipt Date** 8/21/2000
Reporting Official Stephen Freedley
Reporting Official Title Distribution Operations M: **Phone** 9082895000
Determining Person Stephen Freedley
Determining Person Title Distribution Operations Man: **Phone** 9082895000

PART 2

Date of Condition Discovered 8/14/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 8/16/2000
Location of Condition
Condition State NJ **Condition City** Holland Township
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Other (none of above 8 conditions)
Environmental causes

PART 4

Pipeline Product Natural Gas
Description of Condition Elizabethtowns eight inch steel natural gas pipeline became exposed and undermined due to the erosion of surrounding material caused by heavy rain.
Significant Effects Erosion of surroundin material created bending stresses in the pipeline
Discovery Circumstances Fiber Mark Facility Maintenance Department notified the Elizabethtown Gas Companies Measurement and Regulation Department
Corrective Action Taken Elizabethtown Gas Company shut down the affected pipeline section, eliminated cause fo erosion, raised, supported, and backfilled under pipeline. Elezabethtown also intends to monitor the disturbed area montly for the next four (4) months.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Follow-up action planned in September, 2000		
Follow-up Begin Date 9/1/2000	Follow-up Complete Date	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 8/21/2000	Region EASTERN	
Date Sent to State	State/Agency	
OPS_Representative James Reynolds	Date 8/25/2000	
Complete Notes		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000029 **Condition Number(s)** 00
Operator Name ELIZABETHTOWN GAS CO
Date of Safety-Related Condition 8/21/2000 **Date of Follow-Up** 12/13/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region NJ-BPU inspectors performed inspection, reviewed associated documentation and visited site.
Action Taken By Operator 8-inch exposed pipe due to erosion of surrounding material due to heave rain, Pipe was X-rayed, calculations were performed and found to be acceptable. Backfilling was completed
Date Repair 8/22/2000 **Resulted in Incident After** N
Date of Incident 8/21/2000
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Dino N. Rathod **Reviewed by**

Report ID 20000029 **Condition Number(s)** 00
Operator Name ELIZABETHTOWN GAS CO
Date of Safety-Related Condition 8/21/2000 **Date of Follow-Up** 12/13/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region NJ-BPU inspectors performed inspection, reviewed associated documentation and visited site.
Action Taken By Operator 8-inch exposed pipe due to erosion of surrounding material due to heave rain, Pipe was X-rayed, calculations were performed and found to be acceptable. Backfilling was completed
Date Repair 8/22/2000 **Resulted in Incident After** N
Date of Incident 8/21/2000
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Dino N. Rathod **Reviewed by**

Report ID 20000029 **Condition Number(s)** 00
Operator Name ELIZABETHTOWN GAS CO
Date of Safety-Related Condition 8/21/2000 **Date of Follow-Up** 12/13/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region NJ-BPU inspectors performed inspection, reviewed associated documentation and visited site.
Action Taken By Operator 8-inch exposed pipe due to erosion of surrounding material due to heave rain, Pipe was X-rayed, calculations were performed and found to be acceptable. Backfilling was completed
Date Repair 8/22/2000 **Resulted in Incident After** N
Date of Incident 8/21/2000
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Dino N. Rathod **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000029 **Condition Number(s)** 00
Operator ID 4350 **Operator Name** ELIZABETHTOWN GAS CO
Principal Business Address
Street 1085 Morris Avenue **City Union**
State NJ **Zip** 07083
Interstate No **System Type** 1
Report Date 8/21/2000 **Receipt Date** 8/21/2000
Reporting Official Stephen Freedley
Reporting Official Title Distribution Operations M: **Phone** 9082895000
Determining Person Stephen Freedley
Determining Person Title Distribution Operations Man: **Phone** 9082895000

PART 2

Date of Condition Discovered 8/14/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 8/16/2000
Location of Condition
Condition State NJ **Condition City** Holland Township
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Other (none of above 8 conditions)
Environmental causes

PART 4

Pipeline Product Natural Gas
Description of Condition Elizabethtowns eight inch steel natural gas pipeline became exposed and undermined due to the erosion of surrounding material caused by heavy rain.
Significant Effects Erosion of surroundin material created bending stresses in the pipeline
Discovery Circumstances Fiber Mark Facility Maintenance Department notified the Elizabethtown Gas Companies Measurement and Regulation Department
Corrective Action Taken Elizabethtown Gas Company shut down the affected pipeline section, eliminated cause fo erosion, raised, supported, and backfilled under pipeline. Elezabethtown also intends to monitor the disturbed area montly for the next four (4) months.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Follow-up action planned in September, 2000		
Follow-up Begin Date 9/1/2000	Follow-up Complete Date	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 8/21/2000	Region EASTERN	
Date Sent to State	State/Agency	
OPS_Representative James Reynolds	Date 8/25/2000	
Complete Notes		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000029 **Condition Number(s)** 00
Operator Name ELIZABETHTOWN GAS CO
Date of Safety-Related Condition 8/21/2000 **Date of Follow-Up** 12/13/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region NJ-BPU inspectors performed inspection, reviewed associated documentation and visited site.
Action Taken By Operator 8-inch exposed pipe due to erosion of surrounding material due to heave rain, Pipe was X-rayed, calculations were performed and found to be acceptable. Backfilling was completed
Date Repair 8/22/2000 **Resulted in Incident After** N
Date of Incident 8/21/2000
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Dino N. Rathod **Reviewed by**

Report ID 20000029 **Condition Number(s)** 00
Operator Name ELIZABETHTOWN GAS CO
Date of Safety-Related Condition 8/21/2000 **Date of Follow-Up** 12/13/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region NJ-BPU inspectors performed inspection, reviewed associated documentation and visited site.
Action Taken By Operator 8-inch exposed pipe due to erosion of surrounding material due to heave rain, Pipe was X-rayed, calculations were performed and found to be acceptable. Backfilling was completed
Date Repair 8/22/2000 **Resulted in Incident After** N
Date of Incident 8/21/2000
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Dino N. Rathod **Reviewed by**

Report ID 20000029 **Condition Number(s)** 00
Operator Name ELIZABETHTOWN GAS CO
Date of Safety-Related Condition 8/21/2000 **Date of Follow-Up** 12/13/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region NJ-BPU inspectors performed inspection, reviewed associated documentation and visited site.
Action Taken By Operator 8-inch exposed pipe due to erosion of surrounding material due to heave rain, Pipe was X-rayed, calculations were performed and found to be acceptable. Backfilling was completed
Date Repair 8/22/2000 **Resulted in Incident After** N
Date of Incident 8/21/2000
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Dino N. Rathod **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000029 **Condition Number(s)** 00
Operator ID 4350 **Operator Name** ELIZABETHTOWN GAS CO
Principal Business Address
Street 1085 Morris Avenue **City Union**
State NJ **Zip** 07083
Interstate No **System Type** 1
Report Date 8/21/2000 **Receipt Date** 8/21/2000
Reporting Official Stephen Freedley
Reporting Official Title Distribution Operations M: **Phone** 9082895000
Determining Person Stephen Freedley
Determining Person Title Distribution Operations Man: **Phone** 9082895000

PART 2

Date of Condition Discovered 8/14/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 8/16/2000
Location of Condition
Condition State NJ **Condition City** Holland Township
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Other (none of above 8 conditions)
Environmental causes

PART 4

Pipeline Product Natural Gas
Description of Condition Elizabethtowns eight inch steel natural gas pipeline became exposed and undermined due to the erosion of surrounding material caused by heavy rain.
Significant Effects Erosion of surroundin material created bending stresses in the pipeline
Discovery Circumstances Fiber Mark Facility Maintenance Department notified the Elizabethtown Gas Companies Measurement and Regulation Department
Corrective Action Taken Elizabethtown Gas Company shut down the affected pipeline section, eliminated cause fo erosion, raised, supported, and backfilled under pipeline. Elezabethtown also intends to monitor the disturbed area montly for the next four (4) months.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Follow-up action planned in September, 2000		
Follow-up Begin Date 9/1/2000	Follow-up Complete Date	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 8/21/2000	Region EASTERN	
Date Sent to State	State/Agency	
OPS_Representative James Reynolds	Date 8/25/2000	
Complete Notes		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000029 **Condition Number(s)** 00
Operator Name ELIZABETHTOWN GAS CO
Date of Safety-Related Condition 8/21/2000 **Date of Follow-Up** 12/13/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region NJ-BPU inspectors performed inspection, reviewed associated documentation and visited site.
Action Taken By Operator 8-inch exposed pipe due to erosion of surrounding material due to heave rain, Pipe was X-rayed, calculations were performed and found to be acceptable. Backfilling was completed
Date Repair 8/22/2000 **Resulted in Incident After** N
Date of Incident 8/21/2000
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Dino N. Rathod **Reviewed by**

Report ID 20000029 **Condition Number(s)** 00
Operator Name ELIZABETHTOWN GAS CO
Date of Safety-Related Condition 8/21/2000 **Date of Follow-Up** 12/13/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region NJ-BPU inspectors performed inspection, reviewed associated documentation and visited site.
Action Taken By Operator 8-inch exposed pipe due to erosion of surrounding material due to heave rain, Pipe was X-rayed, calculations were performed and found to be acceptable. Backfilling was completed
Date Repair 8/22/2000 **Resulted in Incident After** N
Date of Incident 8/21/2000
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Dino N. Rathod **Reviewed by**

Report ID 20000029 **Condition Number(s)** 00
Operator Name ELIZABETHTOWN GAS CO
Date of Safety-Related Condition 8/21/2000 **Date of Follow-Up** 12/13/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region NJ-BPU inspectors performed inspection, reviewed associated documentation and visited site.
Action Taken By Operator 8-inch exposed pipe due to erosion of surrounding material due to heave rain, Pipe was X-rayed, calculations were performed and found to be acceptable. Backfilling was completed
Date Repair 8/22/2000 **Resulted in Incident After** N
Date of Incident 8/21/2000
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Dino N. Rathod **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000030 **Condition Number(s)** 1
Operator ID 22617 **Operator Name** WILLIAMS GAS PIPELINE CENTRAL, INC.
Principal Business Address
Street Post Office Box 20008 **City** Owensboro
State KY **Zip** 42301
Interstate Yes **System Type** 1
Report Date 9/6/2000 **Receipt Date** 9/6/2000
Reporting Official Joe Freisberg
Reporting Official Title Sr. Pipeline Safety Speciali **Phone** 2706888920
Determining Person Jeff Harris
Determining Person Title Sr. Technical Specialist **Phone**

PART 2

Date of Condition Discovered 8/29/2000
Discovery Notes
Date Condition Determined to Exist 8/29/2000
Location of Condition
Condition State KS **Condition City**
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition
Significant Effects
Discovery Circumstances
Corrective Action Taken

PART 5

Reduced Pressure From (PSIG) 511 **To(PSIG)** 100 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 9/7/2000 **Region** CENTRAL
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 9/7/2000
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000030 **Condition Number(s)** 1
Operator Name WILLIAMS GAS PIPELINE CENTRAL, INC.
Date of Safety-Related Condition 9/6/2000 **Date of Follow-Up** 10/26/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region Received a call from John Hamlin. Pipe containing the anomalies was replaced. Line was put back into service.
Action Taken By Operator Operator replaced that section of pipe that contained corrosion anomalies that were approximately 560 feet from a home.
Date Repair 10/26/2000 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by H. Shieh **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000031 **Condition Number(s)** 1
Operator ID 2325 **Operator Name** CHEVRON USA INC
Principal Business Address
Street 935 Gravier Street **City** NEW ORLEAN
State LA **Zip** 70174
Interstate Yes **System Type** 1
Report Date 9/7/2000 **Receipt Date** 9/7/2000
Reporting Official Blake Boyles
Reporting Official Title Fac. Engineering Permit T **Phone** 5045926587
Determining Person Maureen Bodron
Determining Person Title Fac. Engineering Rep. **Phone** 5045926324

PART 2

Date of Condition Discovered 9/1/2000
Discovery Notes Scattered areas of passive pitting
Date Condition Determined to Exist 8/31/2000
Location of Condition
Condition State LA **Condition City**
Did Condition Occured on Outer Continental Shelf Y

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Gas
Description of Condition During an annual erosion/corrosion survey, scattered areas of passive pitting were discovered on the riser.
Significant Effects
Discovery Circumstances
Corrective Action Taken Scheduled a "Clock Spring" field representative to survey the riser section and recommend repair method. Survey was performed 9/5/00.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Anticipate utilizing "Clock Spring" encirclement wrap repair method.		
Follow-up Begin Date 9/15/2000	Follow-up Complete Date 9/15/2000	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 9/8/2000	Region SOUTHWES	
Date Sent to State	State/Agency	
OPS_Representative Michael J. Khayata	Date 9/8/2000	
Complete Notes Clock Spring installed.		

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000031 **Condition Number(s)** 1
Operator Name CHEVRON USA INC
Date of Safety-Related Condition 9/7/2000 **Date of Follow-Up** 9/26/2000
Further Follow-Up Reports N **Date Expected**
Action Taken By Region None other than phone calls.
Action Taken By Operator Installed a Clock Spring wrap on the riser, above the wet/splash zone.
Date Repair 9/15/2000 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken **CPF Number** **Concurrence**
Prepared by Bob Holter **Reviewed by**

Report ID 20000031 **Condition Number(s)** 1
Operator Name CHEVRON USA INC
Date of Safety-Related Condition 9/7/2000 **Date of Follow-Up** 2/27/2001
Further Follow-Up Reports N **Date Expected**
Action Taken By Region
Action Taken By Operator Installed Clockspring repair
Date Repair **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Bob Holter **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000032 **Condition Number(s)** 000
Operator ID 26045 **Operator Name** TESORO HAWAII CORPORATION
Principal Business Address
Street 733 Bishop Street, Suite 2700 **City** Honolulu
State HI **Zip** 968420001
Interstate Yes **System Type** 3
Report Date 8/21/2000 **Receipt Date** 8/28/2000
Reporting Official Andrew Troske
Reporting Official Title Pipeline Superintendent **Phone** 8085473839
Determining Person Alan Knox
Determining Person Title Pipeline Inspector **Phone** 8085473839

PART 2

Date of Condition Discovered 8/16/2000
Discovery Notes SEE PART 4
Date Condition Determined to Exist 8/16/2000
Location of Condition
Condition State HI **Condition City** HONOLULU
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Premium Gasoline
Description of Condition 3 inch by 4 inch localized external corrosion existing identified at the nine oclock position.
Significant Effects If left unattended, the small leak from this corroded section of pipe could result in a possible fire, explosion or large spill.
Discovery Circumstances An Equilon terminal operator detected corrosion on Tesoros 10 inch Honolulu Pipeline within the containment walls of the Equilon fuel storage terminal. This section of pipe was under pressure but was not in service at the time the corrosion was detected.
Corrective Action Taken Pipeline was depressurised and product was transferred to an Equilon storage tank. A PLIDCO clamp rated at 1,000 psig MAWP was installed

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Operator intends to cut out cylindrical section with defect and replace with new pipe.		
Follow-up Begin Date 8/21/2000	Follow-up Complete Date 10/1/2000	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 9/11/2000	Region WESTERN	
Date Sent to State	State/Agency	
OPS_Representative James Reynolds	Date 9/11/2000	
Complete Notes		

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000033 **Condition Number(s)** 1
Operator ID 31041 **Operator Name** PG & E GAS TRANSMISSION TECO, INC.
Principal Business Address
Street Post Office Box 400 **City** San Antonio
State TX **Zip** 78292-0400
Interstate Null **System Type** 1
Report Date 9/7/2000 **Receipt Date** 9/7/2000
Reporting Official Mike Pawelek
Reporting Official Title PSM/Regulatory Manager **Phone** 2106931201
Determining Person Byran Danmier
Determining Person Title South Texas Region Engineer **Phone** 3616931003

PART 2

Date of Condition Discovered 8/30/2000
Discovery Notes
Date Condition Determined to Exist 8/30/2000
Location of Condition
Condition State TX **Condition City**
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Other (none of above 8 conditions)

PART 4

Pipeline Product natural gas
Description of Condition Upon reviewing the data following a smart pig run which was conducted on the Yearly to Midway 20" Line #9, it was discovered that the pipes wall thickness may have been reduced at the location of the anomalies set out above.
Significant Effects
Discovery Circumstances
Corrective Action Taken On August 30, 2000, the operating pressure of the pipeline was reduced. The pipeline, which has an established MAOP of 1065 psig is currently being operated at 810 psig.

PART 5

Reduced Pressure From (PSIG) 1065 **To(PSIG)** 810 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 9/12/2000 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 9/12/2000
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000034 **Condition Number(s)** 1
Operator ID 26330 **Operator Name** ENOGEX INC (EX. MUSTANG FUEL CORP)
Principal Business Address
Street Post Office Box 24300 **City** Oklahoma City
State OK **Zip** 731240300
Interstate Null **System Type** 1
Report Date 9/13/2000 **Receipt Date** 9/13/2000
Reporting Official Eric R. Sperling
Reporting Official Title Manager of Safety **Phone** 4505257788
Determining Person Greg Baxter
Determining Person Title Operations Superintendent **Phone** 4053305231

PART 2

Date of Condition Discovered 9/6/2000
Discovery Notes
Date Condition Determined to Exist 9/6/2000
Location of Condition
Condition State OK **Condition City** Oklahoma City
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Material defect due to gas or liquid

PART 4

Pipeline Product natural gas
Description of Condition Pipeline damaged when third party was excavating utilities in the same right-a-way.
Significant Effects
Discovery Circumstances
Corrective Action Taken The damaged pipeline section was isolated, secured, blown down to zero pressure the evening of September 6, 2000 and repairs were initiated. No uncontrolled gas release occurred. Replacement of the damaged section of pipe should be completed and the pipeline returned to service by September 16, 2000.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action 9/6/2000 **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 9/14/2000 **Region** SOUTHWES
Date Sent to State **State/Agency**
OPS_Representative Michael J. Khayata **Date** 9/14/2000
Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000034 **Condition Number(s)** 1
Operator Name ENOGEX INC (EX. MUSTANG FUEL CORP)
Date of Safety-Related Condition 9/13/2000 **Date of Follow-Up** 4/3/2001
Further Follow-Up Reports N **Date Expected**
Action Taken By Region The OKCC department investigated the line hit and subsequent blow down of the pipeline of September 6, 2000. The repairs were made per code and the line placed back into service on September 16, 2000. No violations of the Federal Code was noted by OKCC during their investigation.
Action Taken By Operator The SRC was discovered on September 6, 2000 by Greg Baxter, Operations Superintendent (405/330-5231). The damaged section was isolated, secured, blown down to zero pressure the evening of September 6, 2000 and repairs initiated. No uncontrolled gas release occurred. Repairs were made and the line placed back in service on September 16, 2000.
Date Repair 9/16/2000 **Resulted in Incident After** N
Date of Incident
Enforcement Action Taken N **CPF Number** **Concurrence**
Prepared by Jaime A. Hernandez **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000035 **Condition Number(s)** 0000
Operator ID 15007 **Operator Name** PACIFIC GAS & ELECTRIC CO
Principal Business Address
Street Mail Code H15B, P.O. Box 770000 **City** Sanfrancisco
State CA **Zip** 94177
Interstate Yes **System Type** 1
Report Date 9/13/2000 **Receipt Date** 9/13/2000
Reporting Official Shan Bhattacharyua
Reporting Official Title VP, Engineering & Planning **Phone** 4159736998
Determining Person George Karkazis
Determining Person Title Senior Pipeline Engineer **Phone** 9169327152

PART 2

Date of Condition Discovered 8/30/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 8/30/2000
Location of Condition
Condition State CA **Condition City** Rocklin
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Material defect due to gas or liquid

PART 4

Pipeline Product Natural Gas
Description of Condition Several gouges to the pipeline were discovered which appear to be caused by third- party equipment. The gouges measured approximately 0.40 inches deep
Significant Effects Operating the pipeline with gouges at a pressure greater than 20% SMYS places the pipeline at the risk of failure
Discovery Circumstances Operator was planning to perform a "fitness for service" inspection of the pipeline. The pipeline was excavated to examine the integrity of the pipeline when the gouges on the pipeline were discovered.
Corrective Action Taken Operator buffed out gouges and evaluated the pipeline for micro-cracks. If any cracks were located, they were buffed out also. The stress concentrations at the sharp ends of the gouges were buffed smooth. Lastly, the pressure in the pipeline was reduced. The pipeline will be scheduled for replacement.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action The pipeline section is scheduled for replacement. PG&E submitted "Follow-Up" letter to OPS dated 11/7/00. PG&E reported that the pipeline section has been completed and effective 10/30/00, the pipeline began operating under normal operating conditions.		
Follow-up Begin Date 11/1/2000	Follow-up Complete Date 11/15/2000	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 9/14/2000	Region WESTERN	
Date Sent to State	State/Agency	
OPS_Representative James Reynolds	Date	

SAFETY-RELATED CONDITION REPORT

Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)
Operator Name	
Date of Safety-Related Condition	Date of Follow-Up
Further Follow-Up Reports	Date Expected
Action Taken By Region	
Action Taken By Operator	
Date Repair	Resulted in Incident After
Date of Incident	
Enforcement Action Taken	CPF Number
Prepared by	Concurred
	Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000036 **Condition Number(s)** 1
Operator ID 30829 **Operator Name** TEPPCO
Principal Business Address
Street 210 Park Avenue, Suite 1600 **City** Oklahoma City
State OK **Zip** 73102
Interstate Yes **System Type** 3
Report Date 9/15/2000 **Receipt Date** 9/15/2000
Reporting Official Mike Schmidt
Reporting Official Title Operations Superintendent **Phone** 9182232957
Determining Person Glenn Hoffmeyer
Determining Person Title EH&S Regulatory Compliance **Phone** 9182232952

PART 2

Date of Condition Discovered 9/13/2000
Discovery Notes
Date Condition Determined to Exist 9/13/2000
Location of Condition
Condition State TX **Condition City** Freestone
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product liquid products
Description of Condition Several areas of localized pitting were discovered as a result of smart pig run.
Significant Effects Until field evaluation of each anomaly can be accomplished, the potential of failure due to reduced pipe wall thickness can not be eliminated.
Discovery Circumstances On Monday, September 11, Teppco received a summary of the analysis of the MFL smart pig data for the Teague, TX to Jackson, TX line segment. The tool was run in 18-inch pipe from Teague Station to Jacksboro Station, a distance of approximately 150 miles. By Wednesday, September 13, their analysis of the data identified approximately twenty-one anomalies that may effect pipeline integrity. At that point a decision was made to immediately shut the line down. The shutdown was effective by approximately 4:15 p.m. on September 13.
Corrective Action Taken A logistic plan is being developed to identify the exact location of each anomaly and perform field digs to confirm tool data accuracy and to make appropriate repairs. Line will remain out of service and at 100 pounds over static pressure so that we can continue to monitor the lines integrity via their Operations Control Center. Line will remain down until each anomaly has been evaluated and required repairs have been completed.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action 9/13/2000	Notes	
Planned Follow-up/Corrective Action The findings and coorrective measures were verbally communicated to OPS Southwest Region personnel on 9/14/00. Progress updates will be communicated to the OPS Southwest Region as work progresses.		

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date 9/15/1999 **Follow-up Complete Date**

Jurisdictional To (Region or State/Agency abbrev)

Date sent to Region 9/18/2000 **Region** SOUTHWES

Date Sent to State **State/Agency**

OPS_Representative Michael J. Khayata **Date** 9/18/2000

Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000036 **Condition Number(s)** 1

Operator Name TEPPCO

Date of Safety-Related Condition 9/15/2000 **Date of Follow-Up** 9/15/1999

Further Follow-Up Reports Y **Date Expected**

Action Taken By Region

Action Taken By Operat

Date Repair 10/5/1999 **Resulted in Incident After** N

Date of Incident

Enforcement Action Taken N **CPFNumber** **Concur**

Prepared by R. Lopez **Reviewed by**

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000037 **Condition Number(s)** 0000
Operator ID 2564 **Operator Name** COLORADO INTERSTATE GAS CO
Principal Business Address
Street 2 North Nevada Avenue **City** Colorado Sprin;
State CO **Zip** 80903
Interstate Yes **System Type** 1
Report Date 9/18/2000 **Receipt Date** 9/19/2000
Reporting Official Richard H. Flint II
Reporting Official Title Manager, Codes and Stand **Phone** 7195204350
Determining Person Richard H. Flint II
Determining Person Title Manager, Codes and Standar **Phone** 7195204350

PART 2

Date of Condition Discovered 9/13/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 9/13/2000
Location of Condition
Condition State CO **Condition City** Araphoe County
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition External corrosion suspected to exist on pipeline within right of way (R-O-W)
Significant Effects Operator states that external corrosion may lhav affected the integrity of this segment of their pipeline.
Discovery Circumstances Operator review of O&M records lead to the discovery what is suspected to be external corrosion.
Corrective Action Taken Pipeline was taken out of service

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action 9/14/2000	Notes	
Planned Follow-up/Corrective Action Operator intends to evaluate the affected segment of pipeline. Operator intends to inspect the affected segmnet of pipeline by visual examination, internal inspection, or hydrotest. If necessary, corrective action may involve the entire 44 mile section of the 10 inch, number 4A pipeline. Alternitively, the 5.4 mile segment of pipeline may be abandoned.		
Follow-up Begin Date 10/1/2000	Follow-up Complete Date 12/31/2000	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 9/20/2000	Region WESTERN	
Date Sent to State	State/Agency	
OPS_Representative James Reynolds	Date 9/20/2000	
Complete Notes		

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrent
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000038 **Condition Number(s)** 0000
Operator ID 30735 **Operator Name** TESORO ALASKA PIPELINE COMPANY
Principal Business Address
Street PO Boz 3369 **City** kenai
State AK **Zip** 996113369
Interstate Yes **System Type** 3
Report Date 9/27/2000 **Receipt Date** 10/2/2000
Reporting Official Shawn T. Brown
Reporting Official Title Superintendent **Phone** 9077763520
Determining Person Paul Alkire
Determining Person Title Mechanical Engineer **Phone** 9077763520

PART 2

Date of Condition Discovered 9/12/2000
Discovery Notes See Part 4
Date Condition Determined to Exist
Location of Condition
Condition State AK **Condition City** Kenai
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Gasoline, jet fuel a
Description of Condition A reduction in wall thickness was observed in three isolated areas.
Significant Effects
Discovery Circumstances On September 12, 2000, the pipeline section was exposed for examination due to recorded cathodic protection readings. The recorded cathodic protection readings indicated the possibility that electrical interference may be affecting the cathodic protection in this area of the pipeline.
Corrective Action Taken After taking wall thickness readings, the maximum operating perssure of the pipeline was reduced and full encirclement sleeves were installed on the pipeline over the affected area.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date **Follow-up Complete Date**
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 10/2/2000 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative James Reynolds **Date** 10/2/2000
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrent
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000040 **Condition Number(s)** 0000
Operator ID 19522 **Operator Name** TOSCO CORP
Principal Business Address
Street 9645 Santa Fe Springs Road **City** Santa Fe Springs
State CA **Zip** 90670
Interstate Yes **System Type** 1
Report Date 10/3/2000 **Receipt Date** 10/3/2000
Reporting Official Rich Hartig
Reporting Official Title Manager, Los Angeles Pip **Phone** 5629067554
Determining Person Michael Orr
Determining Person Title Controller **Phone** 5629038304

PART 2

Date of Condition Discovered 9/27/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 10/27/2000
Location of Condition
Condition State CA **Condition City** Carson
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Other (none of above 8 conditions)

PART 4

Pipeline Product

Description of Condition Refinery shipping pump 8340 was energized and gas /oil transfer line was started. The line was started against a closed block valve resulting in an overpressure condition. No release occurred due to the overpressurization of the line.

Significant Effects

Discovery Circumstances

Corrective Action Taken Operator performed a stand up test of the pipeline prior to retuning the line to service. The above ground pipeline section and flange connections were visually inspected. The accident is under investigation. Procedural changes to prevent future occurrences will also be implemented.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**

Date Action **Notes**

Planned Follow-up/Corrective Action

Follow-up Begin Date **Follow-up Complete Date**

Jurisdictional To (Region or State/Agency abbrev)

Date sent to Region 10/30/2000 **Region** WESTERN

Date Sent to State **State/Agency**

OPS_Representative James Reynolds **Date** 11/8/2000

Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000041 **Condition Number(s)** 0000
Operator ID 15007 **Operator Name** PACIFIC GAS & ELECTRIC CO
Principal Business Address
Street 123 Mission Street Room 1525 **City** San Francisco
State CA **Zip** 94105
Interstate Yes **System Type** 1
Report Date 10/13/2000 **Receipt Date** 10/23/2000
Reporting Official Shan Bhattacharya
Reporting Official Title VP, Engineering and Planr **Phone** 4159736998
Determining Person George Karkazis
Determining Person Title Senior Pipeline Engineer **Phone** 9169237152

PART 2

Date of Condition Discovered 9/29/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 10/5/2000
Location of Condition
Condition State CA **Condition City** North Sacramento
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Leak that constitutes an emergency

PART 4

Pipeline Product Natural Gas
Description of Condition A grade 2 leak was discovered at the holder.
Significant Effects The leak has the potential to becme worse and cause damage to the companys facilities and adjacent neighborhood activity.
Discovery Circumstances The leak was discovered during a routine leak survey.
Corrective Action Taken Pressure in the pipeline was lowered to pinpoint the source of the leak. Once the leak was pinpointed, the pressure was lowered from 165 psig to 50 psig for excavating purposes. Pressue was then lowered to 0 psig pending repair to the pipeline.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action The pipeline pressure will remain at 0 psig until the pipeline is repaired.
Follow-up Begin Date 10/31/2000 **Follow-up Complete Date** 11/3/2000
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 10/30/2000 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative James Reynolds **Date** 11/8/2000
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000042 **Condition Number(s)** 0000
Operator ID 2268 **Operator Name** CHARLOTTESVILLE, CITY OF
Principal Business Address
Street 305 4th Street NW **City** Charlottesville
State VA **Zip** 22902
Interstate No **System Type** 1
Report Date 9/27/2000 **Receipt Date** 9/27/2000
Reporting Official Phillip Garbes
Reporting Official Title Gas Engineer **Phone** 8049703800
Determining Person Reggie Fin
Determining Person Title Operations Supervisor **Phone** 8049703800

PART 2

Date of Condition Discovered 9/26/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 9/27/2000
Location of Condition
Condition State VA **Condition City** Charlottesville
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

Leak that constitutes an emergency

PART 4

Pipeline Product Natual Gas
Description of Condition A leaking fusion joint on a 2 inch PE gas main was discovered near a sanitary sewer line.
Significant Effects There was the potential for the leaking gas to migrate into the nearby sanitary sewer.
Discovery Circumstances There was an explosion in a building that resulted in \$25,000 worth of property damage. The cause of the explosion is unknown and under investigation.
Corrective Action Taken The 2 inch gas main was shutdown and repaired.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action 9/27/2000 **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date 9/27/2000 **Follow-up Complete Date** 9/29/2000
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 10/31/2000 **Region** EASTERN
Date Sent to State **State/Agency**
OPS_Representative James Reynolds **Date**
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000043 **Condition Number(s)** 0000
Operator ID 30735 **Operator Name** TESORO ALASKA PIPELINE COMPANY
Principal Business Address
Street PO Box 3369 **City** Kenai
State AK **Zip** 996113369
Interstate Yes **System Type** 3
Report Date 11/2/2000 **Receipt Date** 11/7/2000
Reporting Official Shawn T. Brown
Reporting Official Title Superintendent **Phone** 9077763520
Determining Person Paul Alkire
Determining Person Title Mechanical Engineer **Phone** 9077763520

PART 2

Date of Condition Discovered 9/12/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 9/12/2001
Location of Condition
Condition State **Condition City**
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Liquid
Description of Condition Observed several areas of external corrosion and coating damage.
Significant Effects
Discovery Circumstances An external inspection of the pipeline was done to investigate cathodic protection readings. The cathodic protection readings indicated the potential for electrical interference from surrounding pipelines in the area.
Corrective Action Taken The pipeline operating pressure was reduced and the line will continue to operate at a reduced pressure until repairs to the line are made.

PART 5

Reduced Pressure From (PSIG) 1213 **To(PSIG)** 1000 **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action
Follow-up Begin Date 10/31/2000 **Follow-up Complete Date** 11/10/2000
Jurisdictional To (Region or State/Agency abbrev)
Date sent to Region 11/8/2000 **Region** WESTERN
Date Sent to State **State/Agency**
OPS_Representative James Reynolds **Date** 11/8/2000
Complete Notes

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition		Date of Follow-Up
Further Follow-Up Reports		Date Expected
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrent
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000044 **Condition Number(s)** 1
Operator ID 5320 **Operator Name** FLORIDA POWER CORP
Principal Business Address
Street Post Office Box 14042 **City** Saint Petersburg
State FL **Zip** 337334042
Interstate Null **System Type** 1
Report Date 10/18/2000 **Receipt Date** 10/23/2000
Reporting Official Paul MacDonald
Reporting Official Title Env. Emergency Reponse I **Phone** 7278264217
Determining Person Richard Frohnerath
Determining Person Title **Phone** 7278205151

PART 2

Date of Condition Discovered 10/6/2000
Discovery Notes
Date Condition Determined to Exist 10/13/2000
Location of Condition
Condition State FL **Condition City** Clearwater
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING

General or pitting corrosion

PART 4

Pipeline Product Residual Fuel Oil
Description of Condition The pipe insulation in the valve #6 vault was removed to repair the test lead. the technicians discovered the pipe was corroded and appeared pitted. The Florida Power Corporation Materials Technology Technician examined the pipe to determine the extent of the corrosion and pitting. The examination included pit gauge and ultrasonic thickness measurements.
Significant Effects
Discovery Circumstances While performing a cathodic protection test the technicians were unable to get an acceptable pipe to soil reading in the vicinity of valve #6. Further tests indicated the test lead had a poor bond to the pipe.
Corrective Action Taken The pipeline engineer, using 49 CFR 195.3(c)(3)(ii) and ASME B31.4 - 1992, Section 451.6.2(a)(6) as a guide, determines there is a safety related condition and reduces the operating pressure on the pipeline. The pipeline technicians begin daily visual inspections of vault #6. The pipe replacement process begins and is expected to be completed before 11/30/2000.

PART 5

Reduced Pressure From (PSIG) **To(PSIG)** **Shutdown**
Date Action **Notes**
Planned Follow-up/Corrective Action

SAFETY-RELATED CONDITION REPORT

Follow-up Begin Date	Follow-up Complete Date
Jurisdictional To (Region or State/Agency abbrev)	
Date sent to Region 12/8/2000	Region SOUTHERN
Date Sent to State	State/Agency
OPS_Representative Michael J. Khayata	Date 12/8/2000
Complete Notes	

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition	Date of Follow-Up	
Further Follow-Up Reports	Date Expected	
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPFNumber	Concur
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000045 **Condition Number(s)** 1
Operator ID 12127 **Operator Name** MARATHON ASHLAND PIPE LINE LLC
Principal Business Address
Street 539 SOUTH MAIN STREET **City** FINDLAY
State OH **Zip** 45840
Interstate Null **System Type** 1
Report Date 11/30/2000 **Receipt Date** 11/30/2000
Reporting Official Doug Warren
Reporting Official Title MAPL Eastern District Ma **Phone** 4194214049
Determining Person Doug Warren
Determining Person Title MAPL Eastern District Mana **Phone** 4194214049

PART 2

Date of Condition Discovered 11/27/2000
Discovery Notes
Date Condition Determined to Exist 11/27/2000
Location of Condition
Condition State IN **Condition City** Putnam County
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Imminent hazard

PART 4

Pipeline Product Refined Petroleum Pro
Description of Condition (PII) High resolution MFL In-Line Inspection tool (ILI) predicts a metal loss anomaly with a depth of 87% of the nominal wall thickness, and length of approximately 1.1". The predicted anomaly is located inside a casing under US Route 36 in Putnam County, IN, approximately 8 inside the downstream end of the casing. The casing is approximately 56 feet long.
Significant Effects The is casing was filled with wax on 10/08/98 (prior to the ILI) during a routine casing maintenance program. The wax filler material displaced any remaining electrolyte and/or air. On 11/04/2000, the casing and adjacent ROWs were probed and sampled with a combustible gas indicator for the presence of combustible vapors. No hydrocarbon vapors were found. In the 25 investigation sites addressed between 11/8/2000 and 11/27/2000, no evidence of active corrosion has been observed. Metal loss surfaces have been observed to be dull metal in color, covered with calcarious deposits. The pH of the metal surface was observed to be 7.0. The pipe is bare, 0.322" wall thickness, grade B, 8.625" diameter athis location. An adequate impressed current cathodic protection system has been in place since the 1950s. The approximate normal passing pressure at the location (400 psi) is only 21% of SYMS for the pipe. The line was hydrotested in September of 1991 (1613 psi min) and the current MOP (1200 psi at Martinsville) was validated.
Discovery Circumstances On 11/8/2000, an ILI-based investigation program was initiated. After reviewing the inspection results of 69 anomalies in 25 sites, the metal loss data was deemed "correlated" at approximately 5:00 PM EST on 11/27/2000. Per company procedures, once "correlated" has been achieved, discovery is considered to have taken place.
Corrective Action Taken

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	

SAFETY-RELATED CONDITION REPORT

Planned Follow-up/Corrective Action

Follow-up Begin Date _____ **Follow-up Complete Date** _____
Jurisdictional To (Region or State/Agency abbrev) _____

Date sent to Region 12/8/2000 **Region** CENTRAL

Date Sent to State _____ **State/Agency** _____

OPS_Representative Michael J. Khayata **Date** 12/8/2000

Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000045 **Condition Number(s)** 1
Operator Name MARATHON ASHLAND PIPE LINE LLC
Date of Safety-Related Condition 11/30/2000 **Date of Follow-Up** 1/11/2001
Further Follow-Up Reports Y **Date Expected**

Action Taken By Region Contacted Marathon Ashland (MAPL) to receive report of progress on making repairs.

Action Taken By Operator On December 13, 2000 Operator (MAPL) amended the SRCR to include 92 additional external corrosion anomalies that were called by the ILI tool to have greater than 80% wall loss. On December 6, 2000 the subject pipeline (8" Martinsville to Indianapolis) was temporarily shutdown until all 93 anomalies called at 80% or greater wall loss are excavated, evaluated, and repaired as necessary. As of January 11, 2001, 92 of the 93 anomalies have been addressed.

Date Repair _____ **Resulted in Incident After**

Date of Incident _____

Enforcement Action Taken _____ **CPF Number** _____ **Concurrence** _____

Prepared by _____ **Reviewed by** _____

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000046 **Condition Number(s)** 1
Operator ID 31141 **Operator Name** EL PASO ENERGY CORPORATION
Principal Business Address
Street Post Office Box 1492 **City** El Paso
State TX **Zip** 79978
Interstate Yes **System Type** 1
Report Date 12/4/2000 **Receipt Date** 12/4/2000
Reporting Official Donald R. Payne
Reporting Official Title Manager, Compliance Serv **Phone** 9155873770
Determining Person Karl B. Norred
Determining Person Title Senior Corrosion Coordinator **Phone** 5058317761

PART 2

Date of Condition Discovered 11/29/2000
Discovery Notes
Date Condition Determined to Exist 12/1/2000
Location of Condition
Condition State NM **Condition City** San Juan County
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Natural Gas
Description of Condition El Paso received an analysis of an ILI tool on November 29, 2000. The run analysis showed several locations having localized pitting and general corrosion with ASME/ANSI B31G numbers below the MAOP of the pipeline (845 psig). The lowest ASME/ANSI B31G pressure was 532 psig. The areas of corrosion are with 220 feet of houses and one area is within the right-a-way of a highway.
Significant Effects
Discovery Circumstances
Corrective Action Taken The pipeline was shutdown between Valve 0 (MP 0+23.4) and Valve 4 (MP 64+4064.5) at 8:30 p.m. MST on November 29, 2000. The pipeline segments identified by the ILI tool are being excavated and areas having general corrosion are being replaced. Two areas having localized pitting (MP 1+3570.6 and MP 1+4566.3) will not be repaired during shutdown due to permit delays.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action 11/29/2000	Notes	
Planned Follow-up/Corrective Action The pipeline segment between Valve 0 and Valve 4 will be placed back into service at a reduced pressure of 842 psig until final repairs are made for the two locations mentioned above. This pressure is below the ASME/ANSI B31G pressure identified for these two locations by the ILI tool. Once the two locations are repaired the pipeline will berestored to the full MAOP. This pipeline will be scheduled for reconditioning in 2001.		

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000047 **Condition Number(s)** 000
Operator ID 117 **Operator Name** AIR PRODUCTS & CHEMICALS INC
Principal Business Address
Street 7201 HAMILTON BLVD **City** ALLENTOWN
State PA **Zip** 18195
Interstate Null **System Type** 1
Report Date 11/21/2000 **Receipt Date** 11/22/2000
Reporting Official Kerry sterner
Reporting Official Title Sr. Project Engineer Tech. **Phone** 6104818422
Determining Person Jay Blocker
Determining Person Title Pipeline Supervisor **Phone** 2814787520

PART 2

Date of Condition Discovered 11/19/2000
Discovery Notes See Part 4
Date Condition Determined to Exist 11/19/2000
Location of Condition
Condition State TX **Condition City** Port Arthur
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 General or pitting corrosion

PART 4

Pipeline Product Hydrogen Gas
Description of Condition
Significant Effects
Discovery Circumstances On 11/19/00 Equistar personnel traveling to work @ 1530 (3:30 pm) noticed water vapor blowing out to the ground generating a 4 to 6 feet high plume. Equistar suspected a natural gas leak on the pipeline feeding their plant. When the Equistar gas company arrived, it was discovered that the leak was not natural gas but hydrogen gas. At 1830 (6:30 pm), Equistar contacted air products in Port Arthur. Equistar's P/L technician was dispatched to the site and arrived there at 1940 (7:40 pm). The surrounding area was sampled and no explosive envelope was detected.
Corrective Action Taken Once at the site, the Air Products Pipeline Technician was able to isolate the pipeline. No explosive envelope was detected.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action		
Follow-up Begin Date	Follow-up Complete Date	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 12/21/2000	Region SOUTHWES	
Date Sent to State	State/Agency	
OPS_Representative James Reynolds	Date 12/21/2000	
Complete Notes		

SAFETY-RELATED CONDITION REPORT

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)	
Operator Name		
Date of Safety-Related Condition	Date of Follow-Up	
Further Follow-Up Reports	Date Expected	
Action Taken By Region		
Action Taken By Operator		
Date Repair	Resulted in Incident After	
Date of Incident		
Enforcement Action Taken	CPF Number	Concurrence
Prepared by	Reviewed by	

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000048 **Condition Number(s)** 000
Operator ID 30760 **Operator Name** AIR PRODUCTS AND CHEMICALS
Principal Business Address
Street 7201 HAMILTON BLVD **City** ALLENTOWN
State PA **Zip** 18195
Interstate Null **System Type** 1
Report Date 12/15/2000 **Receipt Date** 12/15/2000
Reporting Official Kerry Sterner
Reporting Official Title Sr. Project Engineering Te **Phone** 6104818422
Determining Person Franklin Tindall
Determining Person Title Pipeline Technician **Phone** 4097943937

PART 2

Date of Condition Discovered 12/1/2000
Discovery Notes See Part 4
Date Condition Determined to Exist
Location of Condition
Condition State TX **Condition City** Port Arthur
Did Condition Occured on Outer Continental Shelf

PART 3

REASON FOR REPORTING
 Other (none of above 8 conditions)

PART 4

Pipeline Product Hydrogen Sulfide
Description of Condition Air Products high pressure 8 inch hydrogen sulfide pipeline was struck (but not penetrated) during construction.
Significant Effects
Discovery Circumstances A contractor, Red Simpson, Inc, struck Air Products 8"OD x 0.322" wt high pressure hydrogen sulfide pipeline while installing a pole for Hutsman Chemica within the GSU corridor. The contractor was performing a vertical drill using an auger when the pipeline was struck.
Corrective Action Taken The contractor, Huntsman Chemical, notified Air Products. Air products immediately shut down all drilling activities at the site. An Air Products pipeline technical dispatche a contractor with a backhoe to the inlcddnt site. The technical secured the locatin and insurem that no leaks had developend and no flammable atuoshore was present. The line was exavated and a 0.28 x 2.7" long scrape was identified. A Plidco type split mechanical clamp was installed on the affectea area.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action A 3 foot section of pipe will be cut out and replaced. Repair time frame is not to exceed 6 months after the date of this incident.		
Follow-up Begin Date	Follow-up Complete Date	
<u>Jurisdictional To (Region or State/Agency abbrev)</u>		
Date sent to Region 12/21/2000	Region SOUTHWES	
Date Sent to State	State/Agency	
OPS_Representative James Reynolds	Date	

SAFETY-RELATED CONDITION REPORT

Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID	Condition Number(s)
Operator Name	
Date of Safety-Related Condition	Date of Follow-Up
Further Follow-Up Reports	Date Expected
Action Taken By Region	
Action Taken By Operator	
Date Repair	Resulted in Incident After
Date of Incident	
Enforcement Action Taken	CPF Number
Prepared by	Concurred by
	Reviewed by

SAFETY-RELATED CONDITION REPORT

PART 1

Report ID 20000049 **Condition Number(s)** 1
Operator ID 2387 **Operator Name** CITGO PIPELINE CO
Principal Business Address
Street P.O. BOX 3758 **City** TULSA
State OK **Zip** 74102
Interstate Null **System Type** 3
Report Date 12/21/2000 **Receipt Date** 12/28/2000
Reporting Official Jay Andrews
Reporting Official Title District Manager **Phone** 8474390270
Determining Person Carter Fairless
Determining Person Title Engineer **Phone** 9184955342

PART 2

Date of Condition Discovered 12/20/2000
Discovery Notes
Date Condition Determined to Exist 12/20/2000
Location of Condition
Condition State IL **Condition City** Palos Township
Did Condition Occured on Outer Continental Shelf N

PART 3

REASON FOR REPORTING
 Other (none of above 8 conditions)

PART 4

Pipeline Product Liquid
Description of Condition An apparent defect exists in the pipeline in McGinnis Slough, a body of water at the location described above. Conditions at the site make the defect location difficult to access for a clear determination.
Significant Effects Defect could reduce MAOP of the pipeline.
Discovery Circumstances Internal inspection with magnetic flux inspection tool. Analysis of the report does not indicate corrosion but shows some form of anomaly. Initial report did not recommend need for pressure reduction or other action.
Corrective Action Taken The operating pressure of the line segment containing this defect has been reduced. Results of the inspection tool indicate an MAOP of 1031 psi. However, taking into account tool accuracy, and conservatively using the extreme limits of accuracy, the MAOP was reduced to 871 psi. A pressure control device has been installed.

PART 5

Reduced Pressure From (PSIG)	To(PSIG)	Shutdown
Date Action	Notes	
Planned Follow-up/Corrective Action Any future corrective action will be determined after excavation.		
Follow-up Begin Date	Follow-up Complete Date	
Jurisdictional To (Region or State/Agency abbrev)		
Date sent to Region 12/29/2000	Region CENTRAL	
Date Sent to State	State/Agency	
OPS_Representative Michael J. Kahaya	Date 12/29/2000	

Complete Notes

SAFETY-RELATED CONDITION FOLLOW-UP

Report ID 20000049

Condition Number(s) 1

Operator Name CITGO PIPELINE CO

Date of Safety-Related Condition 12/21/2000 Date of Follow-Up 1/4/2001

Further Follow-Up Reports Y Date Expected 1/17/2001

Action Taken By Region Further information on the subject line 16" OD x 0.250" wt, X-52, National Tube seamless pipe, installed in 1961. Original MOP of the line is 1165 psig. A high resolution MFL tool run in March 2000 detected the anomaly. B31G calculation indicated a pressure reduction to 1031 psig. West Shore added an additional 15% safety factor to determine a new MOP of 871 psig. A pressure sensor at the Blue Island junction, upstream of the anomaly, is controlling the discharge pressure at the upstream Hammond pump station. Additional questions to be answered concern additional pressure switch settings at Hammond and Blue Island Refinery pump stations, history of tool runs in this line segment, corrosion control history.

Action Taken By Operator**Date Repair** **Resulted in Incident After****Date of Incident****Enforcement Action Taken** **CPF Number** **Concurrence****Prepared by** **Reviewed by**