

Report ID: 970001 Condition Number(s): 6
Operator Name: San Diego Gas & Electric OPID:
Street Address: P. O. Box 1831
City: San Diego State: CA ZIP: 92112

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/27/1997 Date Received: 01/27/1997
Reporting Official's Name: Roger Sprenger
Title: Sr. Engineer Phone: 6196964111
Determining Person's Name: Gleason H. Verduzco
Title: Principal Engineer Phone: 6195964960
Date condition Determined to Exist: 01/18/1997
Condition Location: City: Chula Vista State: CA

Specific Location: 5th and J Street
Occurred on Outer Continental Shelf: NO
Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: Natural gas

Description of Condition: A natural gas leak was discovered at a 10" flanged valve on a 10" pipeline which operates at 375 PSIG. The pipeline's MAOP is over 20% SMYS.

Discovery Circumstances: The valve is located in a vault on the west side of 5th Street. The gas was escaping from the gasket and around the flange bolts.

Significant Effects on Safety: At the time of discovery, the vault had 100% natural gas reads

Corrective Action Taken: Steps taken to make situation safe: the valve flange bolts were tightened, the vault aerated, the pipeline lowered, and the street area around the vault blocked off. The leaking gas was reduced but not totally stopped off. The immediate area around the vault was secured from vehicular traffic. On 1/20-1/21/97, this segment of pipe was valved off, isolating the leaking valve flange. The flange bolts were replaced and an attempt was made to spread the pipe and install a new gasket. This effort was unsuccessful. The leak was reduced but a complete leak stopoff was not obtained. On 1/27-1/28/97, two Mueller stopple fittings are being installed to isolate the leaking valve. The valve and associated piping will be replaced no later than 1/31/97.

Shutdown: NO

Date Action Taken: 01/20/1997

Planned Follow-Up/Corrective Action: Valve and associated piping will be replaced

To Begin: To Be Completed By: 01/31/1997

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 01/28/1997 Region: Western

Date Sent To State: 01/28/1997 State/Agency: CAPUC

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 02/04/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: REPLACED FLANGE, VALVE, AND ADJACENT PIPING.
TIE-IN

WELDS WERE X-RAYED.

Date Repair Completed: 01/28/1997

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND CASE BE CLOSED.

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970002 Condition Number(s): 8
Operator Name: Public Service Co. of Colorado OPID:
Street Address: 550 15th Street, Suite 500
City: Denver State: CO ZIP: 80202

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/30/1997 Date Received: 01/30/1997
Reporting Official's Name: Charles H. Becker
Title: Mgr, Gas Dist. & Trans. Eng. Phone: 3035717020
Determining Person's Name: Mike Catbagan
Title: Tactical Coord./Gas Emer. Svcs Phone: 3035713924
Date condition Determined to Exist: 01/23/1997
Condition Location: City: Unincorp. Arapahoe County State: CO

Specific Location: Caley Avenue & South Troy Circle (SE of intersection).
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Gas leaking from 20" gas transmission line. Leak is approximately 450 feet from the nearest building.

Discovery Circumstances: Pipe locator was working in the area.

Significant Effects on Safety: Present soil conditions make it very difficult to pin-point the leak. Also removing support from around the pipeline by exposing it could result in the separation of a compression coupling(s) with the associated hazards of blowing gas and customer outages.

Corrective Action Taken: Monitor daily the migration of gas underground. Not hazardous to public (450 feet to nearest building) soil condition make it hazardous to repair at this time.

Reduced Pressure From (PSI): 285 to (PSI): 190

Shutdown: NO

Date Action Taken: 01/29/1997

Planned Follow-Up/Corrective Action: Remedial action monitor gas leakage daily, isolate & blowdown leaking section of pipeline, renew pipeline.

To Begin: 03/01/1997 To Be Completed By: 08/30/1997

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 02/04/1997 Region: Western

Date Sent To State: 02/04/1997 State/Agency: Co PUC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 02/04/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: COORDINATED WITH STATE OF COLORADO TO
MONITOR

SRCR.

Action Taken By Operator: PIPELINE SEGMENT WAS TAKEN OUT OF SERVICE
FEBRUARY

13, 1997.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: LINE TAKEN OUT OF SERVICE TO CLEAR SRCR.

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970003 Condition Number(s): 2
Operator Name: Pacific Gas and Electric Company OPID:
Street Address: Mail Code H15B, P.O. Box 770000
City: San Francisco State: CA ZIP: 94177

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/24/1997 Date Received: 01/31/1997
Reporting Official's Name: Shan Bhattacharya
Title: VP, Technical and Construction Phone: 4159736998
Determining Person's Name: Frank Dauby, Jr.
Title: Pipeline Engineer Phone: 5109744109
Date condition Determined to Exist: 01/21/1997
Condition Location: City: Manteca State: CA

Specific Location: Transmission Line 108 at Airport Way approx. one mile
north of San Joaquin River crossing southeast of
Manteca, San Joaquin County, CA.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Due to flooding, approximately 80 feet of pipe is
exposed and floating at the washout location.

Discovery Circumstances: During pipeline patrol performed due to extensive
flooding and potential for washouts.

Significant Effects on Safety: The condition of the pipeline cannot be
determined at this time due to
inaccessibility of the pipeline caused by the
flood waters. The condition of the pipe could
cause safety concerns.

Corrective Action Taken: All public access to the area has been prohibited.
The Army Corps of Engineers has been contacted
resulting in repair of levee damage. Monitoring of
the pipeline is continuing.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Monitoring of the pipeline will continue
until the water level recedes. Once the
water has receded enough to gain access
to the pipeline, the line will be
thoroughly inspected to assess its

condition.

To Begin: 01/24/1997 To Be Completed By: 02/07/1997
Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 02/04/1997 Region: Western
Date Sent To State: 02/04/1997 State/Agency: CA PUC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 02/04/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONFERED WITH HARRY STRAHL OF CA-PUC NORTH.
FOLLOW UP INFORMATION WILL BE OBTAINED FROM THE
OPERATOR

Action Taken By Operator:

Date Repair Completed: 01/01/6198

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: 1295 FEET OF TRANSMISSION LINE 108 WERE RELOCATED DEEPER. WORK
COMPLETED

06/07/1998

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970004 Condition Number(s): 2
Operator Name: Pacific Gas and Electric Company OPID:
Street Address: Mail Code H15B, P.O. Box 770000
City: San Francisco State: CA ZIP: 94177

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/31/1997 Date Received: 02/06/1997
Reporting Official's Name: Shan Bhattacharya
Title: VP, Technical and Construction Phone: 4159736998
Determining Person's Name: Todd Arnett
Title: Gas Engineer Phone: 4089456239
Date condition Determined to Exist: 01/24/1997
Condition Location: City: Salinas State: CA

Specific Location: Monterey County; transmission line 103 at mile pt.
16.75, on Old Stage Rd. along Gabilan Creek, approx. 100
yards west of Crazy Horse Rd., east of Salinas.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Due to flooding and erosion of the creek bank, a section of pipe approximately 60 feet long is exposed and the pipe is approximately 2 feet above the water level.

Discovery Circumstances: During pipeline patrol performed due to extensive flooding and potential for washouts.

Significant Effects on Safety: The pipeline is unsupported and unprotected from external damage. The area is barricaded to prevent public access.

Corrective Action Taken: Main line valves MLV 12.46 and MLV 17.98 have been operated to isolate the section of line. Existing service taps on this section of line continue to reduce the pressure. Temporary regulation has been installed to supply the isolated section in order to provide continued service to the customers.

Shutdown: NO

Date Action Taken: 01/31/1997

Planned Follow-Up/Corrective Action: The exposed section will be replaced with 160 feet of pipe.

To Begin: 01/31/1997 To Be Completed By: 02/07/1997
Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 02/06/1997 Region: Western
Date Sent To State: 02/06/1997 State/Agency: CA PUC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 02/06/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: GAVE CASE TO CA PUC

Action Taken By Operator: REPAIRS WERE COMPLETED

Date Repair Completed: 01/01/0209

Resulted in Incidents After Report: NO

Date of Incident: 01/01/0119

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CONFERED WITH CA PUC AGREED TO CLOSE CASE AS REPAIRS HAVE BEEN COMPLETED

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970005 Condition Number(s): 2
Operator Name: Eastman Chemical Co., Texas Eastman Div. OPID:
Street Address: P. O. Box 7444
City: Longview State: TX ZIP: 75607

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/31/1997 Date Received: 02/11/1997

Reporting Official's Name: R. L. Harris
Title: Supervising Eng - Pipelines Phone: 9032375180

Determining Person's Name:
Title: Phone:

Date condition Determined to Exist: 01/28/1997
Condition Location: City: Tyler State: TX

Specific Location: Inside LaGloria Refinery
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Nitrogen

Description of Condition: Line was exposed in creek bed. Line was down and filled with nitrogen.

Discovery Circumstances: Condition was discovered during annual walk-thru inspections of right-of-way

Significant Effects on Safety: No effect on safety.

Corrective Action Taken: Line was out of service and has been out of service greater than two years. Line was cleaned and recoated. The system will be re-rated for a lower operating pressure before being placed into service.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: System will be re-rated for a lower operating pressure before being placed into service.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 02/12/1997 Region: Southwes
Date Sent To State: 02/12/1997 State/Agency: TX. RRC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 02/13/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/20/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Condition was discovered during annual walk-thru inspections of right-of-way. Line was exposed in creek bed. No effect on safety. Line was down and filled with nitrogen.

Action Taken By Operator: Line was out of service and has been out of service for more than two years. Line was cleaned and relocated. The system will be re-rated for a lower operating pressure before being placed into service.

Date Repair Completed: 01/31/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: T. Binns

Reviewed by: J.C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970006 Condition Number(s): 2
Operator Name: Pacific Gas and Electric Company OPID:
Street Address: Mail Code H15B, P.O. Box 770000
City: San Francisco State: CA ZIP: 94177

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 02/05/1997 Date Received: 02/24/1997
Reporting Official's Name: Shan Bhattacharya
 Title: VP, Technical and Construction Phone: 4159736998
Determining Person's Name: Ken Hartje
 Title: Gas Construction Supervisor Phone: 4156953311
Date condition Determined to Exist: 01/25/1997
Condition Location: City: San Francisco State: CA

Specific Location: Knockash Hill & Ulloa
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Due to heavy rains and erosion of the hillside, houses on Knockash are in danger of sliding down hill.

Discovery Circumstances: Pre-existing condition - area known to be susceptible to slides

Significant Effects on Safety: Could cause serious condition if gas services are severed.

Corrective Action Taken: Shut valve to dead end distribution main and 13 services.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: Repressurize main and services when city engineers say it is safe to do so.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 02/24/1997 Region: Western
Date Sent To State: 02/24/1997 State/Agency: CA PUC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 02/24/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/25/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: OPS contacted the CAPUC and requested that they contact the operators regarding the SRCR. CAPUC contacted the operator and related the operator has made the situation safe by terminating the gas service to the homes affected by the condition.

Action Taken By Operator: Shut valve to dead end main and 14 services. Gas service was restored to 4 of the 14 houses Feb. 20th. 10 houses are still out of service with the gas shut off at the house meter. When the city engineers permit residents to reoccupy remaining houses service will be restored.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Possible soil subsidence in area due to heavy rains.

Prepared by: Zach Barrett

Reviewed by: ROBERTSON
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970007 Condition Number(s): 8
Operator Name: COLONIAL PIPELINE CO. OPID: 2552
Street Address: 3390 PEACHTREE RD. P.O. BOX 18855
City: ATLANTA State: GA ZIP: 30338

System Type: LIQUID Inter/Intrastate: NOT REPORTED

Date of Report: 02/21/1997 Date Received: 02/24/1997
Reporting Official's Name: JAMES A. COX
Title: Codes and Standards Leader Phone: 4048412296
Determining Person's Name: AL DAVIS
Title: Project Inspector Phone: 7707326883
Date condition Determined to Exist: 02/18/1997
Condition Location: City: Powder Springs State: GA

Specific Location: Atlanta Junction, Fuel Oil Tank NO. 373; Cobb County
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: Fuel oil

Description of Condition: 3 small weeps were located at the shell-to-bottom weld. Less than a gallon of fuel oil escaped and was contained on the bottom extension, never touching the ground.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: The product in Tank No. 373 was transferred to another tank and the product which escaped and did not evaporate was collected. Tank 373 is used for relief on Line No. 2 and will be kept empty but in service as far as being available to relieve surges.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: An alternate relief line is currently being laid to another tank (Tank No. 372) to serve as a replacement relief tank. Once this new relief line is connected, Tank No. 373 will be removed from service, cleaned and the defects will be repaired in accordance with API Standard 653. After repair, this tank

will be returned to service.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 02/24/1997 Region: SOUTHERN
Date Sent To State: State/Agency:
OPS Representative: Lucy Oshiro/Linda Daugherty
Date: 02/24/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/24/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Received SRC report from Colonial and HDQ on

February 24, 1997. On February 18, 1997, three small weeps were located at the shell-to-bottom weld of Tank No. 373. Less than a gallon of fuel oil escaped from the tank and was contained on the bottom extension, never touching the ground. Tank No. 373 is used for relief on Line No. 2 and will be kept empty but in service as far as being available to relieve surges. On February 26, 1997, Mike Schwarzkopf and Lynn Tessner went to Colonial's tank farm at Atlanta Junction to see the extent of the leaks on Tank No. 373. The tank had three small weep leaks at the side wall, bottom plate junction. There may be four additional leaks that are so small that only slight discoloration marks the spots. The tank takes any surge from the fuel oil line and at present has only 3/10 foot of head on the leaks. Colonial can not take the tank out of service at this time because they need 20" pipe to run to another tank. The pipe is on order. Cathodic protection and tank inspection records on Tank No. 373 for 1995 and 1996 were obtained.

Action Taken By Operator: The product in Tank No. 373 was transferred to another tank and the product which escaped but did not evaporate was collected. An alternate relief line is currently being laid to another tank (Tank No. 372) to serve as a replacement relief tank. Once this new relief line is connected, Tank No. 373 will be removed from service, cleaned and the defects will be repaired in accordance with API Standard 653. After repair, this tank will be returned to service. Jim Cox stated that Colonial had to buy a tee to saddle and run a 20" line to the other tank as a back up surge relief. There was more than a 20% reduction in the tank which restricted the product to 50 percent. ON MAY 22, 1997 TANK NO. 372 WAS CONNECTED TO THE RELIEF SYSTEM FOR LINE NO. 2 AND TANK NO. 373 WAS REMOVED FROM RELIEF SERVICE. ON MAY 27, 1997, TANK NO. 373 WAS TAKEN OUT OF SERVICE, REPAIRED, HYDROSTATICALLY TESTED AND RETURNED TO

SERVICE ON OCTOBER 17, 1997. ALL OPERATING
RESTRICTIONS FOR TANK NO. 373 HAVE BEEN REMOVED.

Date Repair Completed: 10/17/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: No enforcement action taken.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970008 Condition Number(s): 1
Operator Name: Columbia Gas Transmission Corporation OPID:
Street Address: P.O. Box 1273/1700 MacCorkle Ave., SE
City: Charleston State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 02/25/1997 Date Received: 02/25/1997
Reporting Official's Name: S.P. Burnley
Title: Administrator, Codes & Standard Phone: 3043573575
Determining Person's Name: Robert Lawless
Title: Engineering Technician Phone: 6147462227
Date condition Determined to Exist: 02/20/1997
Condition Location: City: Laurel State: OH

Specific Location: Hocking County; One mile south of the junction of State
Routes 374 and 678, approximately 200 yards east of
State Route 374 near Gibisonville.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Corrosion was discovered and evaluated by RSTRENG.

Analysis revealed that the segment of the pipe was
not serviceable for the existing 795 psig MAOP. MAOP
was temporarily reduced to 350 psig pending
replacement.

Discovery Circumstances: Discovered and evaluated by RSTRENG

Significant Effects on Safety: NONE

Corrective Action Taken: Reduced subject pipe segment pressure to 50 psig
while maintaining customer service to three Columbia
of Ohio distribution customers.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Replace approximately 20 feet of 8 inch
pipe.

To Begin: 02/27/1997 To Be Completed By: 02/27/1997

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 02/27/1997 Region: Central

Date Sent To State: 02/27/1997 State/Agency: OH PUC

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 02/28/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/14/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THE PUBLIC UTILITIES COMMISSION PERFORMED A FIELD INSPECTION ON THE PIPELINE AFTER THE REPLACEMENT WORK WAS COMPLETED AND RECORDS REVIEWED TO VERIFY PROPER SAFETY PRECAUTIONS WERE TAKEN ONCE THE CONDITION WAS IDENTIFIED. THE PUC VERIFIED THAT BACKFILLING AND RESEEDING HAD TAKEN PLACE.

Action Taken By Operator: THE OPERATOR CUT OUT 13 FEET OF PIPELINE AND REPLACED WITH PRETESTED PIPE. TWO ANODES WERE INSTALLED AND THE PIPELINE WAS SHRINK-WRAPPED. THE OPERATOR WILL CONTINUE TO PATROL THE AREA WHERE THE LINE IS EXPOSED DUE TO EROSION ON THE SIDE OF A HILL. THIS AREA WAS BACKFILLED AND RESEEDED ON MARCH 31, 1997, WHEN CONDITIONS ALLOWED SAFE WORK CONDITIONS.

Date Repair Completed: 02/26/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: WARREN MILLER

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970009 Condition Number(s): 5
Operator Name: San Jacinto Gas Transmission Company OPID:
Street Address: 500 North Water Street, Suite 1100N
City: Corpus Chirsti State: TX ZIP: 78471

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 02/14/1997 Date Received: 02/24/1997
Reporting Official's Name: John B. Denman
Title: Engineer Phone: 2815459130
Determining Person's Name: Mike Blaschke
Title: Supervisor Phone: 2815459130
Date condition Determined to Exist: 02/13/1997
Condition Location: City: Deer Park and Pasadena State: TX

Specific Location: Houston Ship Channel area near Deer Park and Pasadena,
Texas; Line 800-1, Ship Channel Line

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: Natural Gas

Description of Condition: Pressure on line was high. The high-pressure shut-in valve at Channel (one of the inlet points) had not operated properly and climbed to 553 psig. This pipeline transports natural gas and has an MAOP of 500 psig. valve at Channel had not operated properly and climbed to 553 psig. This pipeline transports natural as and has an MAOP of 500 psig.

Discovery Circumstances: While performing morning system poll, Mike Blaschke found that the pressure on this line was high. Field personnel investigated.

Significant Effects on Safety: NONE

Corrective Action Taken: San Jacinto personnel put the Channel station on manual control and relieved tht system pressure by temporarily increasing deliveries to system outlets. Once the system was returned to normal operations, the high-pressure shut-in valve was repaired and tested.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: San Jacinto and Channel crews will install a pneumatic pressure override on the regulator station. This pressure override should protect the system with the repaired high-pressure shut-in valve as backup. In addition, San Jacinto Gas will start testing high-pressure shshut-in valves monthly instead of annually.

To Begin: 02/14/1997 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 02/27/1997 Region: Southwes

Date Sent To State: 02/27/1997 State/Agency: RC TX

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 02/28/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/26/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted Mr. John Denman of San Jacinto Gas Transmission Company on March 11, 1997. Mr. Denman confrimed that all remedial actions have been completed by February 14, 1997. San Jacinto installed a pneumatic pressure override on the regulator station tie in to Channel Industries. These override control valves will be tested monthly by San Jacinto, to insure over-pressure protection. There were no incidents or damages as a result of the SRCR.

Action Taken By Operator: San Jacinto personnel manually relieved system pressure on the line 800-1, until normal operating pressures were sustained at this time an additional pneumatic pressure override control vale was installed.

Date Repair Completed: 02/14/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Location: The location of this safety related condition was in Harris County, Texas, Houston ship channel area near Deer Part and Pasadena, Texas. The regulator station facilities are operated by Channel Industiries Gas Company. Channel Industries are delivering gas to San Jacinto Gas Transmission at this location.

Prepared by: Danny A Nichols/T. Binns

Reviewed by: James C. Thomas

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970010 Condition Number(s): 6
Operator Name: Equitable Gas Company OPID:
Street Address: 200 Allegheny Center Mall
City: Pittsburgh State: PA ZIP: 15212-5352

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 02/20/1997 Date Received: 02/25/1997
Reporting Official's Name: John S. Horensky
Title: Region B Manager Phone: 4125535398
Determining Person's Name: Ronald Smith
Title: Leak Repair Team Leader Phone: 4125536057
Date condition Determined to Exist: 02/18/1997
Condition Location: City: Jefferson Borough State: PA

Specific Location: Wray-Large Road at Trinity Drive; Allegheny County
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Class II leak.

Discovery Circumstances: Investigation of a Class II leak.

Significant Effects on Safety: NONE

Corrective Action Taken: Installed two 16" dresser sleeves as a permanent
repair on 02/19/1997

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Installed two 16" dresser sleeves as a
permanent repair

To Begin: 02/19/1997 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 02/27/1997 Region: Eastern

Date Sent To State: 02/27/1997 State/Agency: PA PUC

OPS Representative: Linda Dugherty/Lucy Oshiro

Date: 02/28/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/02/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: REVIEWING REMEDIATION PLAN BY EQUITABLE GAS.

Action Taken By Operator: EXPECTED TO COMPLETE REPLACEMENT OF PIPE NORTH OF

TEPE HILL DURING SUMMER OF 1999. TIED-IN WITH
MONFAYETTE HIGHWAY CONSTRUCTION.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/22/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA-PUC REVIEWING THE REMEDIAL ACTION PLAN BY HTE

OPERATOR.

Action Taken By Operator: 1455 FT. OF 6-INCH PIPE REPLACED; CLOSE INTERVAL SURVEY COMPLETED; PORTION OF PIPEIS SCHEDULED FOR RELOCAITON DUE TO EXPRESSWAY PROJECT IN 1999.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/24/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA-PUC IS MONITORING THE SRC

Action Taken By Operator: REMEDIAL WORK IS EXPECTED TO BE COMPLETED BY
END OS

SUMMER 1998.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: PA-PUC WILL PROVIDE QUARTERLY UPDATES.

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/23/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA/PUC monitors this SRC.

Action Taken By Operator: Remedial work expects to be completed by end of
Summer 98.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: A quarterly update from the state is expected.

Prepared by: Dino Rathod

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970011 Condition Number(s): 1
Operator Name: Warren Petroleum Company, L.P. OPID:
Street Address: Sand Hills Plant #193, HCR 65, Box 18
City: Crane State: TX ZIP: 79731

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 02/25/1997 Date Received: 03/04/1997
Reporting Official's Name: David L. Howard
Title: ES&H Specialist Phone: 9155504844
Determining Person's Name: R. W. Law
Title: Field Supervisor Phone: 9155630822
Date condition Determined to Exist: 12/23/1996
Condition Location: City: Crane State: TX

Specific Location: Sand Hills Gas Processing Plant, East Line, 13 miles
south of I-20 on FM 1053

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Thinning of the wall pipe due to internal corrosion.

Discovery Circumstances: The corrosion was found when pipe failed.

Significant Effects on Safety: NONE

Corrective Action Taken: Three joints of pre-tested pipes were installed and
the line was returned to service.

Shutdown: YES

Date Action Taken: 12/19/1996

Planned Follow-Up/Corrective Action: An investigation of internal corrosion
control is underway. An AFE for
replacement of the pipeline has been
approved and replacement of the pipeline
is expected to be completed by 4/1/97.

To Begin: To Be Completed By: 04/01/1997

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 03/04/1997 Region: Southwes

Date Sent To State: 03/04/1997 State/Agency: RC TX

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 03/05/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/03/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATE INVESTIGATED SRCR.

Action Taken By Operator: THE REPLACEMENT OF THE SECTIONS HAS BEEN COMPLETED,

AS OF APRIL 24, 1997.

Date Repair Completed: 04/24/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: YES

Case Opened (Federal case identification number *)

Notes: OPS RECEIVED WRITTEN DOCUMENTATION FROM THE OPERATOR ON APRIL 28, 1997.

Prepared by: LARRY FELIO/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970012 Condition Number(s): 3
Operator Name: MidAmerica Energy Company OPID:
Street Address: 401 Douglas Street
City: Sioux City State: IA ZIP: 51102

System Type: LNG Inter/Intrastate: INTRASTATE

Date of Report: 03/07/1997 Date Received: 03/10/1997
Reporting Official's Name: Sandra Rasmussen
Title: Sr. Gas Engineer (Standards) Phone: 7122777928
Determining Person's Name: Neil VanGundy
Title: Supervisor LNG/LP Plant Phone: 5152526995
Date condition Determined to Exist: 03/03/1997
Condition Location: City: Waterloo State: IA

Specific Location: Waterloo LNG plant, 626 San Marnan Drive, Waterloo, IA.
50702

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

3. Crack or material defect in LNG facility (LNG)

Product in Pipeline: Liquefied Nat'l Gas

Description of Condition: A leak was located on the East LNG tank withdrawal line. The leak was emanating from a tiny pinhole source in the 8-inch aluminum flange of the bottom tank penetration.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: Two independent non-destructive testing firms x-rayed the leak area with results reviewed by the tank builder. All parties agree that the indication is nearly non-detectible but should be repaired at our next practical opportunity. The section of pipe will remain uninsulated until permanent repairs are made.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: The flange will be x-rayed during the first week of April to determine if there is any change in condition. Assuming there is no significant change, a procedure will be developed with support of the tank manufacturer to repair the flange by July 1, 1997

To Begin: 04/01/1997 To Be Completed By: 07/01/1997
Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 03/10/1997 Region: Central
Date Sent To State: 03/10/1997 State/Agency: IA DC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 03/10/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/15/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ON SEPT. 25, 1997, THE STATE CONTACTED MIDAMERICA FOR AN UPDATE ON THE LEAK. THE LEAK WAS REPAIRED AND THE STATE WILL INSPECT OTHER LNG FACILITIES FOR THE SAME PIPING CONFIGURATION THAT THE COMPANY BELIEVES CAUSED THE LEAK.

Action Taken By Operator: THE COMPANY REPAIRED THE LEAK AND THE TANK IS IN SERVICE. THE CAUSE OF THE LEAK WAS A CRACK IN THE ALUMINUM FLANGE DUE TO THERMAL FATIGUE. THE LNG OUTLET HAS A "GOOSENECK" OR LOW SPOT IN IT WHICH PREVENTS VAPORS IN THE OUTLET PIPING FROM GOING BACK INTO THE TANK AND DISPLACING THE LNG, HENCE THE TEMPERATURE OF THE PIPING INCREASED. WHEN THE PUMPS WERE TURNED ON, THE LNG DISPLACED THE VAPORS AND DECREASED THE TEMPERATURE. TO PREVENT THIS FROM HAPPENING AGAIN, THE VENT SYSTEM ON THE PUMPS WERE RECONFIGURED SO THAT ALL THE VAPOR CAN FLOW BACK INTO THE TANK.

Date Repair Completed: 09/25/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: WARREN MILLER
Reviewed by: IVAN A. HUNTOON
Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/04/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: THE STATE REVIEWED RECORDS AND THE LEAK ON MARCH

13, 1997. SINCE THAT TIME, THE STATE HAS BEEN IN CONTACT WITH MIDAMERICA. ON MAY 16, 1997, THE STATE REVIEWED UPDATE INFORMATION.

Action Taken By Operator: THE OPERATOR HAS X-RAYED THE LEAK AGAIN AND FOUND NO

CHANGE. THE LEAK HAD STOPPED FOR UNKNOWN REASONS. DURING JUNE 2-6TH, TANK LEVEL WILL BE LOWERED, JUNE 10TH ALL PIPING WILL BE REMOVED AND AN EXPANDABLE PLUG INSERTED. ON JUNE 11TH, THE LEAKING FLANGE WILL BE CUTOFF AND THE NEW ONE WELDED ON.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: MIDAMERICA DEVELOPED A REPAIR PROCEDURE SPECIFICALLY FOR THIS OPERATION.

Prepared by: WARREN MILLER

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970013 Condition Number(s): 1
Operator Name: Equitable Gas Company OPID:
Street Address: 200 Allegheny Center Mall
City: Pittsburgh State: PA ZIP: 15212-5352

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/10/1997 Date Received: 03/11/1997
Reporting Official's Name: Ralph E. Comito
Title: Mgr., Preventive Maintenance Phone: 4125536031
Determining Person's Name: David W. Byers
Title: Corrosion Team Leader Phone: 4125536054
Date condition Determined to Exist: 03/06/1997
Condition Location: City: Jefferson Borough State: PA

Specific Location: Phillip McMurry Rd. at Camp Hollow Rd., Jefferson
Borough, Allegheny County. D-390 Lind (16")

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Generalized corrosion

Discovery Circumstances: Condition discovered while performing cathodic
protection work on pipeline.

Significant Effects on Safety: None

Corrective Action Taken: The MAOP of the pipeline was reduced from 470 psig to
293 psig pending further evaluation which is
currently underway

Reduced Pressure From (PSI): 470 to (PSI): 293

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Further investigation is currently
underway.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): PA PUC

Date Sent To Region: 03/11/1997 Region: Eastern

Date Sent To State: 03/12/1997 State/Agency: PA PUC

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 03/11/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/22/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: BASED ON REVIEW OF COMPLETED WORK, PA-PUC
RECOMMENDS SRC CLOSURE.

Action Taken By Operator: REMEDIAL WORK COMPLETED INCLUDING 640 FT. OF
16-INCH

PIPE REPLACED; CLOSE-INTERVAL SURVEY COMPLETED.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: SRCR CLOSURE

Prepared by: DINO N. RATHOD

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/23/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA-PUC IS MONITORING THE SRC.

Action Taken By Operator: REMEDIAL WORK IS EXPECTED TO BE COMPLETED BY
END OF

SUMMER 1998.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: QUARTERLY UPDATES ARE EXPECTED FROM PA-PUC.

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970014 Condition Number(s): 5
Operator Name: EXXON COMPANY, USA, REFINING DEPARTMENT OPID:
Street Address: P. O. Box 551
City: BATON ROUGE State: LA ZIP: 70821

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 03/11/1997 Date Received: 03/13/1997
Reporting Official's Name: ROBERT A. BUCKLEY (Lisa Madden for)
Title: (MTF)Tank Farm Day Supv. Phone: 5043594385
Determining Person's Name: Merry Norman
Title: Feed Section Controller Phone: 5043597698
Date condition Determined to Exist: 03/09/1997
Condition Location: City: BATON ROUGE State: LA

Specific Location: Maryland Tank Farm, #5 MTF Crude Transfer Line, 4045
Scenic Higheay, East Baton Rouge Parish

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: LIQUID

Description of Condition: (MTF)P-1 was energized and crude oil transfer started against a block valve located 7 miles away in the Baton Rouge Refinery resulting in an over pressure condition.n.

Discovery Circumstances: Over pressure alarm activated on process control computer.

Significant Effects on Safety: NONE

Corrective Action Taken: No repair required as no released occurred above ground. Sections of line visually inspected with flanges and connections being checked prior to restart-up of pipeline.

Shutdown: YES

Date Action Taken: 03/09/1997

Planned Follow-Up/Corrective Action: Employeeyes counseled on importance of verifying proper valving line up. M&I engineer to adjust control configuration on pump (MTF)P-1 in effort to prevent

reoccurrence.

To Begin: 03/09/1997 To Be Completed By: 04/30/1997
Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 03/13/1997 Region: SOUTHWES
Date Sent To State: 03/13/1997 State/Agency: LA DNR
OPS Representative: Lucy Oshiro/Linda Daugherty
Date: 03/18/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/12/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ON MARCH 17, 1997, DANA ARABIE INVESTIGATED THE REPORTED SRCR ON THE OPERATOR'S#5 ATF CRUDE LINE. STATE ISSUED A WARNING LETTER TO THE OPERATOR.

Action Taken By Operator: IN STARTING UP THE #5 ATF CRUDE LINE, EXXON DID NOT

FOLLOW THE REQUIRED WRITTEN PROCEDURES, AS PRESENTED IN THE OPERATION AND MAINTENANCE MANUAL.

Date Repair Completed: 03/17/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: YES

Case Opened (Federal case identification number *)

Notes: OPERATOR WAS CITED FOR NOT FOLLOWING WRITTEN PROCEDURES AND ALSO FOR

OVERPRESSURING THE #5 PIPELINE. STATE ISSUED A WARNING LETTER DATED JUNE

30, 1997. COPY OF THIS LETTER IS IN THE FILE LOCATED IN THE SOUTHWEST REGION.

Prepared by: DANA ARABIE/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970015 Condition Number(s): 9
Operator Name: Kiantone Pipeline Corp. OPID:
Street Address: Box 780
City: Warren State: PA ZIP: 16365

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 03/07/1997 Date Received: 04/01/1997
Reporting Official's Name: Larren R. Dossler
Title: Pipeline Manager Phone: 7166752767
Determining Person's Name: Ray E. Lowe
Title: Terminal/Pipeline Gen. Mgr. Phone: 8147264718
Date condition Determined to Exist: 03/05/1997
Condition Location: City: Gowanda State: NY

Specific Location: South side Cataraugus Creek, 31 miles south of West
Seneca, NY Terminal

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other: exposed pipe

Product in Pipeline: Crude oil

Description of Condition: Found exposed pipe along south side of creek bed.

Discovery Circumstances: Checking right-of-way.

Significant Effects on Safety: None

Corrective Action Taken: Have taken steps to recover pipe and have engineering
firm give recommendations.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: To cover pipe and protect from future
exposure.

To Begin: 03/08/1997 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 04/01/1997 Region: Eastern

Date Sent To State: 04/01/1997 State/Agency: NY PSC

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 04/01/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/30/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NY/PSC requested to close the report.

Action Taken By Operator: The operator examined the pipe coating and found it adequate. The pipe was buried to it's original depth of cover. They ripwrapped the creek bank immediately up-stream of the exposure to prevent erosion and placed a rock dome over the pipe providing protection from high water.

Date Repair Completed: 09/16/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY-PSC MEMO DATED SEPT 30,1997 RECOMMENDED THAT SRCR BE CLOSED

Prepared by: DINO N. RATHOD

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970016 Condition Number(s): 1
Operator Name: UNOCAL Corporation OPID:
Street Address: 909 West 9th Avenue
City: Anchorage State: AK ZIP: 99501

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 04/01/1997 Date Received: 04/04/1997
Reporting Official's Name: Martin T. Morell
Title: Oil & Gas Manager Phone: 9072637809
Determining Person's Name: Lewis Dennis
Title: Sr. Production Engineer Phone: 9072637809
Date condition Determined to Exist: 03/26/1997
Condition Location: City: Cook Inlet State: AK

Specific Location: Monopod Platform hazardous liquid pipeline riser
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Hazardous liquid

Description of Condition: Reduced wall thickness in the oil pipeline riser due to external corrosion.

Discovery Circumstances: Detected during riser inspection.

Significant Effects on Safety: NONE

Corrective Action Taken: Reduced the MOP (Maximum Operating Pressure).

Reduced Pressure From (PSI): 1440 to (PSI): 1285

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Specific repair method has not been determined. Unocal engineers will review the selected procedure with local DOT personnel prior to commencing the repair.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 04/08/1997 Region: Western

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 04/08/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/30/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: lowered MOP from 1440 to 1285 based on data from ultrasonic inspection. Since normal operating pressure is 200 psi MOP reduction will not affect platform operation

Date Repair Completed: 04/01/1997

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Operator has satisfactorily resolved the issue. Recomend case be closed.

Prepared by: Haddow

Reviewed by: Robertson

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970017 Condition Number(s): 2
Operator Name: Public Service Company of New Mexico OPID:
Street Address: 414 Silver Ave., SW
City: Albuquerque State: NM ZIP: 87158-2512

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/10/1997 Date Received: 04/10/1997
Reporting Official's Name: David T. Quitana
Title: Staff Eng., Pipeline Engineerin Phone: 5052414563
Determining Person's Name: David T. Quitana
Title: Staff Eng., Pipeline Engineerin Phone: 5052414563
Date condition Determined to Exist: 04/03/1997
Condition Location: City: Bernalillo State: NM

Specific Location: Highway 44 bridge crossing the Rio Grande River;
pipeline affected is only that which is hanging on the
bridge.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Natural gas

Description of Condition: The 20" pipeline spans the entire length of the Highway 44 Bridge. It enters the ground on the S.E. and S.W. sides of the bridge at an elevation slightly above the river level. Approx. 250' of pipeline lies on the bottom of the river bed on both sides of the bridge. Concrete set-on weights have been added to these sections of pipe on the river bed to prevent the pipe from floating as the water level rises. A negative 20% buoyancy design criteria was used. A recent rise in the water level caused the ground to settle underneath the pipeline resulting in a downward movement of the pipeline along the river bed. Movement has caused a noticeable amount of stress on the section of pipe entering the ground.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: This section of pipeline has been purged and shutdown. The pipeline has been severed from the bridge to remove the stress from the pipe and the bridge.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: The pipeline will be monitored for stabilization for the next 4 months.

To Begin:

To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 04/14/1997 Region: Southwes

Date Sent To State: 04/14/1997 State/Agency: NM SCC

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 04/14/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/29/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ON 10/26/97, JOE JOHNSON MET WITH KELLY BOUSKA, ENGINEER FOR PNM SERVICES, TO INSPECT THE PIPELINE AT THE RIO GRANDE RIVER CROSSING AT THE HWY 44 BRIDGE IN BERNALILLO, NM AND TO DISCUSS ACTIONS TAKEN TO CORRECT THE SRCR.

Action Taken By Operator: ACCORDING TO MS. BROUSK:THE P/L WAS RECONNECTED 10/6/97. STRAIN GAUGES HAVE BEEN INSTALLED ON THE P/L TO MONITOR MOVEMENT OF THE P/L. ON 10/9/97, THE LINE WAS PURGED THEN PRESSURED UP TO 448 PSIG WITH NATURAL GAS AND BLOCKED-IN. ON 10/10/97, THE LINE WAS LEAK SURVEYED AND NO LEAKS WERE FOUND. ON 10/13/97, THE P/L WAS PLACED BACK INTO SERVICE. THE P/L IS CURRENTLY OPERATING AT 525 PSIG. MAOP IS 875PSIG. ALL TIE-IN WELDS WERE X-RAYED. TWO NEW PIPE HANGERS HAVE BEEN INSTALLED ON EACH SIDE OF THE BRIDGE. MS. BOUSKA SAID THAT LEEDSHILL-HERKENHOFF CALCULATED THE STRESS ON THE P/L CAUSED BY SETTLING AND FOUND THAT THE P/L UNDERWENT 23,000 PSI OF FORCE. THE CONSULTANT CONCLUDED THERE ARE NO PROBLEMS WITH THE PIPE. THE PIPE USED FOR THE CROSSING IS X70.

Date Repair Completed: 10/13/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: JOE JOHNSON/T.BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/15/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: ON 09/12/1997, J. JOHNSON MET WITH DAVID QUINTANA TO INSPECT PNM GAS SERVICES' 20" MAINLINE AT THE HWY 44 RIO GRANDE CROSSING AND TO DISCUSS ACTIONS TAKEN IN REGARD TO THE SAFETY RELATED CONDITION.

Action Taken By Operator: P/L HAS BEEN CUT AND CAPPED AT BOTH ENDS. MR. QUINTANA STATED THAT PNM WILL REPLACE THE FIRST TWO SUPPORT BRACKETS ON THE EAST END OF THE BRIDGE AND EXTEND THE SUPPORT BARS TO ALLOW THEM TO LOWER THE P/L ON THE BRIDGE IN 2 WEEKS. PNM WILL RECONNECT THE P/L AT BOTH ENDS OF THE BRIDGE AND INSTALL STRAIN GAUGES TO MONITOR FOR FURTHER MOVEMENT. PNM PLANS TO RETURN THE P/L TO SERVICE BY THE END OF SEPTEMBER 1997. MEASUREMENTS TAKEN DURING THIS INSPECTION INDICATE THAT THE P/L HAS SETTLED 1/8" ON THE EAST END SINCE THE FOLLOW-UP ON 08/15/1997 FOR A TOTAL OF 7" ON THE EAST END SINCE THE P/L WAS CUT FROM THE BRIDGE. MR. QUINTANA SAID THAT THERE ARE NO PLANS TO TEST THE BURIED PIPING AT THE ENDS OF THE BRIDGE. I TOLD MR. QUINTANA THAT NMSCC WILL WANT A LETTER FROM PNM EXPLAINING WHY THEY FEEL THE INTEGRITY OF THE P/L HAS NOT BEEN COMPROMISED BEFORE THE P/L IS RETURNED TO SERVICE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: HARD COPY IS IN REGION FILES.

Prepared by: J. JOHNSON/T.BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/21/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: JOE JOHNSON MET WITH PNM GAS SERVICES PERSONNEL

ON JULY 2, 1997, TO DISCUSS ACTIONS TAKEN IN REGARD TO THE SRCR. ON JULY 3, 1997, JOE JOHNSON MET WITH DAVE QUINTANA TO VERIFY THE INFORMATION SUBMITTED BY PNM GAS SERVICES.

Action Taken By Operator: 20" P/L HAS BEEN TAKEN OUT OF SERVICE AND HAS BEEN CUT AND CAPPED AT THE E & W ENDS OF THE HWAY 44 BRIDGE ACROSS THE RIO GRANDE RIVER IN BERNALILLO, NM. PNM WILL CONTINUE TO MONITOR THE P/L FOR THE NEXT COUPLE MONTHS & PLANS TO REACTIVATE THE P/L BY THE 1ST OF NOVEMBER. MEASUREMENTS TAKEN OF 7/3/97, INDICATE THAT THE P/L HAS SETTLED A TOTAL OF 3.75" ON THE W END & A TOTAL OF 6.75" ON THE E END SINCE THE P/L WAS CUT FROM THE BRIDGE. INFORMATION WILL BE SENT TO HEADQUARTERS TO PLACE IN FILES.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: IT WAS RECOMMENDED THAT THE PIPELINE BE TESTED OR THE STRESS ON THE

PIPELINE BE CALCULATED TO INSURE THE INTEGRITY OF THE PIPELINE BEFORE IT

IS PLACED BACK INTO GAS SERVICE. A COPY OF THE REPORT THAT THE STATE OF

NEW MEXICO FILED WILL BE FORWARDED TO HEADQUARTERS.

Prepared by: JOE M. JOHNSON/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/23/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: MEASUREMENTS TAKEN ON 5/19/97 AND 6/4/97 TO DETERMINE FURTHER MOVEMENT OF PIPELINE. ON 5/19/97, DETERMINED THAT PIPELINE HAD MOVED 1/8" DOWNWARD ON THE WEST SIDE AND 1 7/8" DOWNWARD ON THE EAST SIDE SINCE THE LAST MEASUREMENTS TAKEN ON 4/7/97. ON 06/04/97, DETERMINED THAT PIPELINE HAD MOVED 1/8" DOWNWARD ON THE WEST SIDE AND 1/4" DOWNWARD ON THE EAST SIDE SINCE THE LAST MEASUREMENT TAKEN ON 5/19/97. THE PIPELINE HAS MOVED DOWNWARD A TOTAL OF 3/8" ON THE WEST SIDE AND 2 1/4 " ON THE EAST SIDE. ADDITIONAL MEASUREMENT WILL BE TAKEN TO DETERMINE IF MOVEMENT OF THE PIPELINE CONTUNUES.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: REPORT WAS FILED BY THE OPERATOR.

Prepared by: KELLY BOUSH/T. BINNS

Reviewed by: J.C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/10/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: STATE HAD OPERATOR SUBMIT REPORT. SW REGION CALLED NMSCC TO VERIFY INFORMATION. STATE VERIFIED INFORMATION, LINE IS OUT OF SERVICE AND BEING MONITORED.

Action Taken By Operator: MEASUREMENTS TAKEN 4/18/97 TO DETERMINE FURTHER MOVEMENT OF PIPELINE. DETERMINED THAT PIPELINE HAD MOVED 1/8" DOWNWARD SINCE THE LAST MEASUREMENTS TAKEN ON 4/7/97. ADDITIONAL MEASUREMENTS WILL BE TAKEN TO DETERMINE IF MOVEMENT OF THE PIPELINE CONTIMUES.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: K. BOUSH/A.ZUNIGA/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/27/1887

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: ON AUGUST 7, 1997, JOE JOHNSON MET WITH TIM CYNOVA, ENGINEER FOR PNM GAS SERVICES, TO INSPECT THE 20" SANTE FE MAINLINE AT THE RIO GRANDE RIVER CROSSING AT HWY 44 AND TO DISCUSS ACTIONS TAKEN IN REGARD TO THE SAFETY RELATED CONDITION.

Action Taken By Operator: THE P/L HAS BEEN CUT AND CAPPED AT BOTH ENDS OF THE

HWY 44 BRIDGE ACROSS THE RIO GRANDE RIVER IN BERNALILLO, NEW MEXICO. MR. CYNOVA SAID THAT PNM WILL CONTINUE TO MONITOR THE P/L UNTIL THE END OF 9/97, AND IF THE PIPE HAS NOT SETTLED ANYMORE THEY WILL RETURN THE P/L TO SERVIE THE FIRST WEEK IN OCTOBER 1997. MEASUREMENTS TAKEN ON 7/29/97 AND DURING THE INSPECTION ON 8/7/97 INDICATE THAT THE P/L HAS SETTLED A TOTAL OF 3.75" ON THE WEST END AND A TOTAL OF 6.875" ON THE EAST END SINCE THE P/L WAS CUT FROM THE BRIDGE (SEE ATTACHMENT).

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: JOE JOHNSON/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970018 Condition Number(s): 1
Operator Name: Pacific Gas and Electric Company OPID:
Street Address: Mail Code H15B, P.O. Box 770000
City: San Francisco State: CA ZIP: 94177

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/14/1997 Date Received: 04/15/1997
Reporting Official's Name: Shan Bhattacharya
Title: VP, Technical and Construction Phone: 4159736998
Determining Person's Name: Todd Arnett
Title: Gas Engineer Phone: 4089456239
Date condition Determined to Exist: 04/08/1997
Condition Location: City: Hollister State: CA

Specific Location: Transmission Line 300A near mile point 453, north of
Fallon Road, San Benito County

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Severe corrosion pitting.

Discovery Circumstances: Condition was discovered during a planned excavation to determine pipeline condition as a result of a close interval cathodic protection survey.

Significant Effects on Safety: The corrosion pitting found is a cause for safety concern due to the the reduced pipe wall thickness.

Corrective Action Taken: Pipeline pressure was reduced from an MAOP of 715 psig to 419 psig until the extent of corrosion pitting is evaluated and the affected pipe is repaired and/or replaced.

Reduced Pressure From (PSI): 715 to (PSI): 419

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Determine extent of corrosion pitting (excavate additional locations in order to inspect pipeline) and repair and/or replace sections of affected pipe.

To Begin: 04/10/1997 To Be Completed By: 08/01/1997

Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 04/16/1997 Region: Western
Date Sent To State: 04/16/1997 State/Agency: CA PUC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 04/16/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/15/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: WESTERN REGION CONFIRMED REPAIRS WITH CAPUC

Action Taken By Operator: 350 FEET OF 34 INCH REPLACED WITH 36 INCH. CATHODIC
PROTECTION SYSTEM IMPROVEMENT PLAN IMPLEMENTED TO
ENSURE FULL COMPLIANCE.

Date Repair Completed: 06/01/1998

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: FAX FROM CAPUC CONFIRMED COMPLETION OF REPAIRS. RECOMMEND CASE
BE CLOSED.

Prepared by: HADDOW

Reviewed by: Robertson

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970019 Condition Number(s): 1
Operator Name: Columbia Gas Transmission Corporation OPID:
Street Address: P.O. Box 1273/1700 MacCorkle Ave., SE
City: Charleston State: WV ZIP: 25325-1273

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/16/1997 Date Received: 04/17/1997
Reporting Official's Name: J. S. Zurcher
Title: Manager, Pipeline Safety Phone: 3043572669
Determining Person's Name: Michael Roberts
Title: Technical Manager Phone: 6103807740
Date condition Determined to Exist: 04/11/1997
Condition Location: City: Springfield State: PA

Specific Location: One mile southeast of Coopersburg; Bucks County
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: A small leak occurred while cleaning pipe for a calibration investigation of smart pig results. The leak was from an external, localized corrosion pit on a bare cathodically protected line.

Discovery Circumstances: While cleaning pipe for a calibration investigation of smart pig results

Significant Effects on Safety: NONE

Corrective Action Taken: A leak clamp and four magnesium anodes were installed.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Replace section of 14-inch pipe in conjunction with 1997 scheduled upgrade program

To Begin: 05/01/1997 To Be Completed By: 06/30/1997

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 04/17/1997 Region: Eastern

Date Sent To State: 04/17/1997 State/Agency: PA PUC

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 04/18/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/11/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: OPERATOR REPLACED 251 FEET OF PIPE AS PART OF LARGER

REMEDICATION PROJECT. NEW STATION NUMBER 94+02, DIG #11

Date Repair Completed: 05/29/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WORK WAS PART OF LARGER 1278 REMEDIATION PROJECT AS ENDORSED BY OPS

EASTERN

Prepared by: B E COY

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/09/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: ER MONITORING ILI TARGETED CONSTRUCTION PROJECT

Action Taken By Operator: USING ILI TO IDENTIFY METAL LOSS LOCATIONS FOR CUT-OUTS, PROJECT SHOULD CONCLUDE IN NOV-97

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: B.COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970020 Condition Number(s): 1
Operator Name: Equitrans, L.P. OPID:
Street Address: 3500 Park Lane
City: Pittsburgh State: PA ZIP: 15275

System Type: NATURAL GAS Inter/Intrastate: NOT REPORTED

Date of Report: 04/16/1997 Date Received: 04/23/1997
Reporting Official's Name: Russel R. Evans
Title: Manager, Technical Operations Phone: 4125536573
Determining Person's Name: Dan Fanciullacci
Title: Corrosion Team Leader Phone: 4125535384
Date condition Determined to Exist: 04/16/1997
Condition Location: City: Ingomar State: PA

Specific Location: H-152 Line, 9542 Harmony Road
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Leakage on 16" H-152 transmission line.

Discovery Circumstances: Investigation of Leak Report 438670. Initial investigation focused on Distribution Facilities. Further investigation pinpointed leakage on 16" H-152 transmission line.

Significant Effects on Safety: None

Corrective Action Taken: Installed 16" x 24" long Plidco Sleeve. All defects covered by sleeve. In process of inspecting pipelineto determine extent of corrosion.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: In process of inspecting pipeline to determine extent of corrosion.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 04/23/1997 Region: Eastern
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 04/24/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/02/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: RECEIVED REQUESTED DATA FROM THE OPERATOR
ON

(01/12/98): INFORMATION ABOUT DATE OF LAST
LEAKAGE SURVEY, CATHODIC PROTECTION READINGS FOR
THIS SEGMENT OF PIPE AND CP CRITERIA USED BY HTE
OPERATOR

Action Taken By Operator: EQUITRANS HAS COMPLETED REPAIRS OF LINE H-152.
INSTALLED A 16-INCH X 24-INCH PLIDCO SLEEVE AND
SUBSEQUENTLY REPLACED THIS PIPE

Date Repair Completed: 12/31/1997

Resulted in Incidents After Report: NO

Date of Incident: 04/10/1997

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: REVEIWD DATA FROM EQUITRANS. SRCR RECOMMENDED TO BE CLOSED.

Prepared by: DINO N. RATHOD

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970021 Condition Number(s): 2
Operator Name: NOTTI Gathering Company, Inc. OPID:
Street Address: 11501 S. I-44 Service Road
City: Oklahoma City State: OK ZIP: 73173

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 04/24/1997 Date Received: 04/25/1997

Reporting Official's Name: Scott Lewis
Title: Operations Coordinator Phone: 4056915016

Determining Person's Name:
Title: Phone:

Date condition Determined to Exist: 04/21/1997
Condition Location: City: Lexington State: OK

Specific Location: NE 1/4 Sec. 19 Twnshp T6N Range 1W; Maysville - Lawyer
8" crude line; 2 1/4 mile south of Lexington, OK.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: crude oil

Description of Condition: South Canadian River is washing out next to block
valve. Pipe is exposed in river.

Discovery Circumstances:

Significant Effects on Safety: Pipeline is exposed in river.

Corrective Action Taken: Monitoring valve and pipeline daily.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Reroute around wash-out. Installing block
valve next to road. Rerouting 4380' 8"
around washout.

To Begin: 04/21/1997 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 04/25/1997 Region: Southwes

Date Sent To State: 04/25/1997 State/Agency: OK CC

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 04/25/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/25/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ON-SITE INSPECTIONS

Action Taken By Operator: OPERATOR RELOCATED APPROXIMATELY 4500' OF X-42, 8
5/8, 0.322, AROUND THE WASHOUT. THIS WAS NOT A RIVER
CROSSING, JUST A SEMENT THAT PARALLELED THE RIVER.
THE NEW SEGMENT WAS PRESSURE TESTED TO 1946 FOR 8
HOURS.

Date Repair Completed: 05/12/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: K. PHELPS/T. BINNS

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970022 Condition Number(s): 5
Operator Name: Consolidated Edison Co. of New York, Inc. OPID:
Street Address: Room 1475S, 4 Irving Place
City: New York State: NY ZIP: 10003

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 04/14/1997 Date Received: 04/24/1997

Reporting Official's Name: Shawn Mackey

Title: Fuel Oil Engineer

Phone: 2124601123

Determining Person's Name:

Title:

Phone:

Date condition Determined to Exist: 03/24/1997

Condition Location: City: New York

State: NY

Specific Location: Fuel Oil Pipeline #2; No. 6 fuel oil supply line
connecting Ravenswood Generating Station, (located on
east bank of East River in Queens), and E74 St.
Generating Station (located on west bank of East River
in Manhattan)

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: fuel oil

Description of Condition: Pipeline over-pressurization. Pipeline #2 pressure spike, reported to the Fuel Oil Operating Authority by the Ravenswood Generating Station, occurred during scheduled pipeline pressure decay testing.

Discovery Circumstances: Monthly pressure decay test was conducted between March 24-26. During that period, due to the method of pressurizing the pipeline with a high capacity pump, the maximum operating pressure of 80 psig was exceeded on two occasions.

Significant Effects on Safety: NONE

Corrective Action Taken: Installation of a low capacity hydrostatic test pump, connected to the pipeline system, is currently under evaluation by engineering. If deemed feasible, the pump and associated piping will be permanently connected in the system and will be used by operators

for conducting pressure decay tests. Since the pump will be low capacity, the chances of over-pressurization of the line due to pump operations will be greatly reduced.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: If deemed feasible, the pump and associated piping will be permanently connected in the system and will be used by operators for conducting pressure decay tests.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 04/25/1997 Region: Eastern

Date Sent To State: 04/25/1997 State/Agency: NY PSC

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 04/25/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/31/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NY/PSC requested to close the report.

Action Taken By Operator: The test pump was installed 8/20/97 and tested.

Date Repair Completed: 08/20/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY-PSC RECOMMENDED SRCR BE CLOSED.

Prepared by: DINO N. RATHOD

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970023 Condition Number(s): 8
Operator Name: Warren Petroleum Company, L.P. OPID:
Street Address: 1000 Louisiana, Suite 5820
City: Houston State: TX ZIP: 77002

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/05/1997 Date Received: 05/06/1997
Reporting Official's Name: Norman W. "Bill" Stansifer
Title: Pipeline Superintendent Phone: 3185834642
Determining Person's Name: Norman W. "Bill" Stansifer
Title: Pipeline Superintendent Phone: 3185834642
Date condition Determined to Exist: 04/28/1997
Condition Location: City: Mont Belvieu State: TX

Specific Location: Liberty County; North on Hwy 146 for about 7.4 miles to
479, west on dirt road to RR tracks, about 1.5 miles, RR
station 36700

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: propane/propylene

Description of Condition: On 4/28/97, at 2:15 am, Bill Stansifer was notified by Warren's Hackberry Control Center (Hackberry, LA) that there was a train derailment next to pipeline. A Pipeline Technician was dispatched and reported at 6:30 am, that railroad cars were everywhere and at least 4 to 6 cars were on top of the pipeline. Tech relayed description of damage and impact zones and possible damage evaluation.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: 4/28/97, took pipeline out of operations-idled, blocked-in pipeline and evaluated situation closer; 4/29/97, evacuated pipeline with Nitrogen; 5/1/97, railroad company removed wrecked cars from pipeline and Warren excavated pipeline and inspected. No damage found. Started loading pipeline with product; 5/2/97, finished loading line and returned to service.

Shutdown: YES

Date Action Taken: 04/28/1997

Planned Follow-Up/Corrective Action: Railroad company removed wrecked cars from pipeline and Warren excavated pipeline and inspected. No damage found. Started loading pipeline with product.

To Begin: 05/01/1997 To Be Completed By: 05/02/1997

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 05/06/1997 Region: Southwes

Date Sent To State: 05/06/1997 State/Agency: RC TX

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 05/08/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/05/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: WILL BURKS CALLED MR. BILL STANSLFER, OF WARREN

PETROLEUM, LIMITED PARTNERSHIP. IT WAS DISCOVERED, AT THAT TIME THE PIPELINE IN QUESTION IS AN INTERSTATE PIPELINE. ALL INFORMATION AND REMEDIAL ACTIONS WERE TAKEN AND GIVEN BELOW.

Action Taken By Operator: MR. STANSLFER STATE THAT AFTER THE DERAILMENT, WARREN HAD THE LINE SECTION EXCAVATED TO EXAMINE THE PIPE FOR POSSIBLE DAMAGE. THE DEPTH OF COVER WAS BETWEEN 3 - 3 1/2 FEET. ACCORDING TO WARREN TECHNICIANS AND KOCH PIPELINE PERSONNEL, THERE WAS NO VISIBLE DAMAGE TO THE LINE SECTION. ON MAY 2, 1997, THE LINE WAS RETURNED TO SERVICE WITH NO COMPLICATIONS.

Date Repair Completed: 05/02/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THIS IS AN INTERSTATE PIPELINE, BUT THE RAILROAD COMMISSION OF TEXAS

PERFORMED THE INVESTIGATION.

Prepared by: WILL BURKS/T. BINNS

Reviewed by: J. C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970024 Condition Number(s): 2
Operator Name: Cincinnati Gas & Electric Company OPID:
Street Address: 139 East Fourth Street
City: Cincinnati State: OH ZIP: 45202

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/13/1997 Date Received: 05/13/1997
Reporting Official's Name: Susan M. Gilb
Title: Regulatory Compliance Spec. Phone: 5132872752
Determining Person's Name: Robert Hiatt
Title: Mechanic Operator I Phone: 5132877325
Date condition Determined to Exist: 05/06/1997
Condition Location: City: Loveland State: OH

Specific Location: Clermont County; T/L "WW"
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Natural Gas

Description of Condition: A 12" natural gas main running parallel with St. Rt. 48 in the road right-of-way was discovered to be near a land slide area which is approximately 75' in length.

Discovery Circumstances: Routine patrol of system

Significant Effects on Safety: Possibility of main failure if conditions were to change and additional slippage were to occur before the gas main is relocated.

Corrective Action Taken: State Hwy. Dept. erected concrete barricades to avoid damage from vehicle traffic. Met with State Inspector to discuss remedial action. Continually monitoring location.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Relocate gas main out of slide area. We had intended to repair this condition before the reporting deadline, however, due to a delay in obtaining state permits, this job was unavoidably delayed.

To Begin: 05/14/1997 To Be Completed By: 05/23/1997

Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 05/14/1997 Region: Central
Date Sent To State: 05/14/1997 State/Agency: OH PUC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 05/14/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/01/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: The State monitored the situation and stayed in contact with the operator till repairs were completed.

Action Taken By Operator: The company relocated the 12" main to the other side of the street where there was no slippage. The area was monitored by the company until the repairs to ensure there was no more slippage.

Date Repair Completed: 07/01/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Warren Miller

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970025 Condition Number(s): 5
Operator Name: EXXON COMPANY, USA, REFINING DEPARTMENT OPID:
Street Address: P. O. Box 551
City: BATON ROUGE State: LA ZIP: 70821-0551

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 06/04/1997 Date Received: 06/09/1997
Reporting Official's Name: R.A. BUCKLEY (Lisa Madden for)
Title: (MTF)Tank Farm Supv. Phone: 5043594385
Determining Person's Name: Merry Norman
Title: Feed Section Controller Phone: 5043597698
Date condition Determined to Exist: 05/31/1997
Condition Location: City: BATON ROUGE State: LA

Specific Location: East Baton Rouge Parish
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: LIQUID

Description of Condition: (ATF) P-3 was energized and crude oil transfer started against a block valve located 3 miles away in the Baton Rouge Refinery resulting in an over pressure condition.

Discovery Circumstances: Over Pressure alarm activated on process control computer

Significant Effects on Safety: NONE

Corrective Action Taken: Line shutdown; pressure reduced

Shutdown: YES

Date Action Taken: 05/31/1997

Planned Follow-Up/Corrective Action: No repair required as no release occurred. Sections of line visually inspected and flanges/small connections checked prior to re-start of transfer. Employee counselled on importance of verifying proper valving line up.

To Begin: 05/31/1997 To Be Completed By: 06/01/1997

Jurisdictional To (Region or State/Agency abbrev.): STATE
Date Sent To Region: 06/10/1997 Region: SOUTHWES
Date Sent To State: 06/10/1997 State/Agency: LA DNR
OPS Representative: Lucy Oshiro/Linda Daugherty
Date: 06/10/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/12/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Contacted Exxon. Confirmed Federal rather than State Jurisdictional. Confirmed all safety issues identified and appropriate corrective action taken by Exxon. Closed report.

Action Taken By Operator: Shut down system. Confirmed integrity of system. Restarted system. Reconfirmed integrity of system. Improper employee performance addressed by additional training and counseling.

Date Repair Completed: 06/01/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Larry Atwell

Reviewed by: JAMES C. THOMAS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970026 Condition Number(s): 1
Operator Name: Total Pipeline Corp. OPID:
Street Address: P. O. Box 500
City: Denver State: CO ZIP: 80201

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/10/1997 Date Received: 06/10/1997
Reporting Official's Name: Glenn Goodwin
Title: Manager of Regulatory Affairs Phone: 3032912007
Determining Person's Name: Don Hunter
Title: Manager, Engineering Phone: 3032912017
Date condition Determined to Exist: 06/09/1997
Condition Location: City: State: OK

Specific Location: Along pipeline in Cotton County, OK: T4S and the following ranges - R9W through R13W, and in Jeferson County, OK: T4S and the following ranges - R6W through R8W

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Crude Oil

Description of Condition: Reduction in pipeline thickness discovered by the smart pigging of pipeline. This line was smart pigged in 1984 and some line replacement was done at that time. Due to this reduction in pipe wall thickness, it is necessary for us to reduce the line maximum allowable operating pressure.

Discovery Circumstances: During smart pigging of pipeline

Significant Effects on Safety: NONE

Corrective Action Taken: The previous MAOP was 596 psig. Actual operating pressure has been about 320 psig recently. We will adjust the pump high pressure shutdown switch to 325 psig and pressure control valve to 320 psig. The new MAOP for this line segment will be 325 psig. No further action planned at this time. Will continue to operate at this lower MAOP until conditions warrant limited line replacements to raise the MAOP.

Reduced Pressure From (PSI): 596 to (PSI): 325

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: No further action planned at this time.

Will continue to operate at lower maop
until conditions warrant limited line
replacements to raise the MAOP.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 06/11/1997 Region: Southwes

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 06/11/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/25/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONTACTED OPERATOR. THE LINE IS COULD BE
CONSIDERED GATHERING, BASED ON KOCH LETTER. THIS
LINE IS BEING CONSIDERED NON-JURISDICTIONAL,
UNTIL THE FINAL ORDER OF CPF 46504 IS ISSUED.

Action Taken By Operator: THE OPERATOR HAS REDUCED THE MOP.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WILL UPDATE ONCE CPF 46504 IS ISSUED.

Prepared by: T. BINNS

Reviewed by: T. BINNS

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970027 Condition Number(s): 1
Operator Name: Colonial Pipeline Company OPID:
Street Address: 945 East Paces Ferry Road, P.O. Box 18855
City: Atlanta State: GA ZIP: 30326

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/17/1997 Date Received: 06/17/1997
Reporting Official's Name: James A. Cox
Title: Codes & Standards Leader Phone: 4048412296
Determining Person's Name: Al Davis
Title: Inspector Phone: 7707326883
Date condition Determined to Exist: 06/10/1997
Condition Location: City: State: AL

Specific Location: Tallapoosa River, Station No. 10114169, Line 2, Cleburn
County; 10-inch by pass valve on 36 inch check valve

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: hazardous liquid

Description of Condition: Small leaks from 10-inch by pass valve and associated piping. The valve body leak appeared to be due to a material defect and the valve piping leak was due to corrosion.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: The leaks were temporarily repaired and the line pressure reduced by 20% until a permanent repair can be made.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 06/17/1997 Region: Southern
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 06/17/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/23/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: SMALL LEAKS FROM A 10 INCH BY-PASS VALVE AND ASSOCIATED PIPING WAS DETECTED AT STATION NO. 10114+69 IN CLEBURN COUNTY, ALABAMA NEAR THE TALLAPOOSA RIVER. THE VALVE BODY LEAK APPEARED TO BE DUE TO A MATERIAL DEFECT AND THE VALVE PIPING LEAK WAS DUE TO CORROSION - LINE 2. ON JUNE 18, 1997, ROD SEELEY VISITED SITE WITH COLONIAL TO ASSESS SITUATION.

Action Taken By Operator: THE LEAKS WERE TEMPORARILY REPAIRED AND THE LINE

PRESSURE REDUCED BY 20% UNTIL A PERMANENT REPAIR CAN BE MADE. BLOW-DOWN PIPING SHOULD BE REPLACED BY JUNE 19 OR 20TH. On June 23, 1997, the corroded by-pass piping was replaced and the valve was examined by the valve manufacturer and found to be free of leaks and defects. The pressure restriction has been removed.

Date Repair Completed: 06/23/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NO ENFORCEMENT ACTION TAKEN.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970028 Condition Number(s): 2
Operator Name: Buckeye Pipe Line Company OPID:
Street Address: P. O. Box 368
City: Emmaus State: PA ZIP: 18049

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/19/1997 Date Received: 06/19/1997
Reporting Official's Name: Joel C. Larkin
Title: Manager, Operations Services Phone: 6107704000
Determining Person's Name: William Saylor
Title: Area Supervisor Phone: 6107704000
Date condition Determined to Exist: 06/08/1997
Condition Location: City: Sewickley Heights Boro State: PA

Specific Location: R/W #X-164 and X-165 on 10" Line ND710CP, Stake
#5285+00, Allegheny County, PA

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Multi-products

Description of Condition: Landslide - Buckeye conducted initial on-site investigation of landslide to determine the pipeline condition.

Discovery Circumstances: 3rd party phone call reported to Buckeye

Significant Effects on Safety: NONE

Corrective Action Taken: The pipeline was shutdown and subsequently taken out of service by N2 purge of product line fill. Gannett Fleming, Inc. Geotechnical Engineers were retained to assist in the investigation of the landslide area.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: To directional drill installation of replacement pipe section into bedrock under slide area.

To Begin: 06/23/1997 To Be Completed By: 07/07/1997

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 06/20/1997 Region: Eastern

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 06/20/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/02/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REVIEWED FOLLOW-UP REPORT SUBMITTED BDATED
JULY

22, 1997 BY THE OPERATOR

Action Taken By Operator: A NEW REPLACEMENT PIPE SECTION WAS
DIRECTIONALLY

DRILLED INTO BEDROCK UNDER THE SLIDE AREA.
REPLACEMENT SECTION WAS 10-INCH DIA. PIPE, 0.365
WALL THICKNESS, GRADE 42; SUCCESSFULLY TESTED TO
2590 PSI; OPERATION RESUMED JULY 6, 1997. REPORT IN
SRCR 970028 FILES

Date Repair Completed: 07/06/1997

Resulted in Incidents After Report: NO

Date of Incident: 06/08/1997

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: BUCKEYE REPORT DATED JULY 22, 1997 IN SRCR 970028 FILE FOR
REFERENCE.

SRCR RECOMMEDED TO BE CLOSED

Prepared by: DINO N. RATHOD

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970029 Condition Number(s): 1
Operator Name: Torch Operating Co. OPID:
Street Address: Los Angeles Dist., 500 North Kraemer Blvd, Bldg. B
City: Brea State: CA ZIP: 92821

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/26/1997 Date Received: 07/07/1997
Reporting Official's Name: Robert K. Smalley
Title: DOT Coordinator Phone: 7142571611
Determining Person's Name: John Crews
Title: Sr. Operations Engineer Phone: 8059348227
Date condition Determined to Exist:
Condition Location: City: State: CA

Specific Location: Off Shore Platform B oil line, 388' from platform,
Ventura County, CA

Occurred on Outer Continental Shelf: YES

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: hazardous liquid

Description of Condition: Smart pig was run. Some pits were indicated; worst pit was .388 wall thickness. The report indicated all pits were possible mill mechanical.

Discovery Circumstances: Smart pig

Significant Effects on Safety: NONE

Corrective Action Taken: Request more time to thoroughly evaluate the Line A log report with Line A log people.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Request more time to thoroughly evaluate the Line A log report with Line A log people.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 07/08/1997 Region: Western

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 07/08/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/04/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: REPAIRED AND HYDROTESTED MOP SET AT 1212PSI

Date Repair Completed: 11/19/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND CASE BE CLOSED

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970030 Condition Number(s): 2
Operator Name: Chevron Pipe Line Company OPID:
Street Address: 4900 California Avenue
City: Bakersfield State: CA ZIP: 93309

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 07/17/1997 Date Received: 07/18/1997
Reporting Official's Name: Michael Garrett
Title: Phone: 5107532007
Determining Person's Name: Jane Worland
Title: Team Leader Phone: 5107532001
Date condition Determined to Exist: 07/12/1997
Condition Location: City: State: CA

Specific Location: Approximately mile post 1.0 on Sacramento leg of the
BAPL

Occurred on Outer Continental Shelf: NOT REPORTED

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: refined products

Description of Condition: Ship lost power and dropped anchor while on its way to Port of Stockton. In the process of trying to retrieve the anchor, it hooked a pipeline lifting it out of the water.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: Pipeline was not ruptured by incident and block valves on the north and south sides of the Sacramento River were closed to isolate that segment. Divers were sent down to inspect the pipeline and found no scratches, gouges, or dents. The pipeline was then displaced with nitrogen to remove any hydrocarbon in line and valves were again closed.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: A sizing tool and internal inspection tool is scheduled to be run in pipeline to check its condition

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): state

Date Sent To Region: 07/18/1997 Region: Western
Date Sent To State: 07/18/1997 State/Agency: CASFM
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 07/18/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/30/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: REPORT FROM CASFM RECOMENDS CASE BE CLOSED.

Action Taken By Operator: DIVERS EXAMINED PIPELINE, SMART PIGGING
COMPLETED,

AND SEGMENT HYDROSTATICALLY TESTED.

Date Repair Completed: 08/07/1997

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CLOSE CASE AS RECOMENDED BY CASFM.

Prepared by: Haddow

Reviewed by: Robertson

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970031 Condition Number(s): 1
Operator Name: Colonial Pipeline Company OPID:
Street Address: 3390 Peachtree Road, P. O. Box 18855
City: Atlanta State: GA ZIP: 30326

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 07/18/1997 Date Received: 07/21/1997
Reporting Official's Name: James A. Cox
Title: Codes & Standard Leader Phone: 4048412296
Determining Person's Name: Dennis Johnston
Title: Project Engineer Phone: 4048412368
Date condition Determined to Exist: 07/17/1997
Condition Location: City: Dillwyn State: VA

Specific Location: Pipe in Whispering Creek, Buckingham County, Line 4;
Station #4831+98

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: hazardous liquid

Description of Condition: General corrosion and pitting corrosion which has reduced thickness to a minimum of .150 inch for a 4 ft. long by 1 ft. wide section on top of the pipeline. This section of pipe is exposed in Whispering Creek.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: The pipeline operating pressure of 138 psig (at the time the condition was discovered) was reduced to 110 psig, until a repair sleeve can be installed.

Reduced Pressure From (PSI): 138 to (PSI): 110

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Install repair sleeve.

To Begin: To Be Completed By: 07/20/1997

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 07/21/1997 Region: Eastern

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 07/21/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/24/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONTACT OPERATOR TO DISCUSS ACTION PLAN,
WHICH

IS TO CUT-OUT THE SUBJECT PIPE

Action Taken By Operator: PERFORM A CUT-OUT ON AUGUST 20, 1997

Date Repair Completed: 08/20/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: OPERATOR REDUCED PRESSURE WITHOUT FORMAL OPS ENFORCEMENT

Prepared by: B E COY

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/06/1997

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: REVIEW REMEDIATION PLAN DEVELOPED BY OPERATOR

Action Taken By Operator: DEVELOP PLAN TO PERFORM REMEDIATION, CUT-OUT EXECUTED ON ABOUT AUGUST 15, 1997. OPERATOR NOW NEEDS TO SEND LETTER TO CONFIRM ACTIONS TAKEN

Date Repair Completed: 08/15/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: B E COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970032 Condition Number(s): 1
Operator Name: Marathon Pipe Line Company OPID:
Street Address: 539 South Main Street
City: Findlay State: OH ZIP: 45840

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 07/21/1997 Date Received: 07/23/1997
Reporting Official's Name: Gary Steed
Title: District Superintendent Phone: 2173824911
Determining Person's Name: GARY Steed
Title: District Superintendent Phone: 2173824911
Date condition Determined to Exist: 07/21/1997
Condition Location: City: State: IN

Specific Location: Martinsville-Indianapolis 8", R/W 203, Sta. 1+10, Sec.
SE/4 2, Twp.T13N, Rge. 8W, Vigo County, IN.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: refined petroleum

Description of Condition: Localized corrosion inside steel casing.

Discovery Circumstances: Investigating carrier pipe inside of casing because casing was electrically shorted to carrier pipe.

Significant Effects on Safety: NONE

Corrective Action Taken: Repaired this location with approximately 21.75 feet of full encirclement sleeve, type B. Reduced station discharge pressure by 20%.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Investigate and repair or replace remaining 15 shorted casing locations.

To Begin: 09/15/1997 To Be Completed By: 12/31/1997

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 07/23/1997 Region: Central

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 07/23/1997

Report ID: 970033 Condition Number(s): 1
Operator Name: Michigan Consolidated Gas Company OPID:
Street Address: 500 Griswold
City: Detroit State: MI ZIP: 48226

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 07/25/1997 Date Received: 07/25/1997
Reporting Official's Name: Mike Allen George
Title: Manager, Codes & Standards Phone: 3132565994
Determining Person's Name: Timothy Schmitz
Title: Engineer Phone: 3132566622
Date condition Determined to Exist: 07/19/1997
Condition Location: City: HInton/Millbrook State: MI

Specific Location: 20" & 24" "A" Header, Taggart Storage Field Gathering
System; Hinton & Millbrook Townships, Mecosta County

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: natural gas

Description of Condition: Internal corrosion pits and localized corrosion found with instrumented (Smart Pig) at various locations with depths up to 60% of wall thickness which impacts MAOP.

Discovery Circumstances: In 1996, evidence of internal corrosion noted inside meter tubes on a small number of wells when orifice fittings were replaced. In June 1997, a segment of "A" Header was taken out of service for implementing a smart pigging program in July 1997 which revealed the severe corrosion.

Significant Effects on Safety: NONE

Corrective Action Taken: The affected corrosion areas that impact MAOP are being replaced prior to the "A" header being placed back in service.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: One section of the gathering system will be taken out of service at a time and evaluated. Severely corroded piping will be replaced, then returned to service. A corrosion "Coupon" monitoring and

inhibitor injection program will be
implemented for the gathering system.be

To Begin: 06/01/1997 To Be Completed By: 10/31/1997
Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 07/28/1997 Region: Central
Date Sent To State: 07/28/1997 State/Agency: MI PSC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 07/28/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATE MONITORED THE SMART PIG WIRELINING AND REPAIR AND REPLACEMENT OF PIPE IN THE SYSTEM. THE STATE WILL ALSO EVALUATE A NEW CORROSION MONITORING PROGRAM MICHCON IS DEVELOPING.

Action Taken By Operator: SMART PIG WIRELINING WAS PERFORMED ON 83,900 FEET OF

GATHERING SYSTEM PIPING, INCLUDING ALL 12" OR GREATER. 3,377 FEET OF NEW PIPE WAS INSTALLED AT 63 ANOMALLY LOCATIONS. ANOTHER 1,953' OF NEW PIPE WAS INSTALLED AT ISOLATION AND TIE-IN LOCATIONS. MICHCON'S RECORDS DID NOT SHOW HYDROTEST RECORDS FOR THE "A" HEADER SO HYDROTESTS AND INSPECTIONS WERE COMPLETED WITHOUT FAILURE. THE TESTING WAS FINISHED DECEMBER 31, 1997. MICHCON IS ALSO INSTALLING A CORROSION MONITORING PROGRAM WITH COUPONS. ALSO, AS A RESULT OF SRCR #970033 AND #970035, MICHCON IS DEVELOPING A STATEWIDE COMPREHENSIVE INTERNAL CORROSION PROGRAM THAT SHOULD BEGIN MARCH 1, 1998. THEY WILL PROVIDE MIPSC WITH THE DETAILS.

Date Repair Completed: 12/31/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: STATE WILL PASS ON INFORMATION ABOUT NEW PROGRAM AND ITS IMPLEMENTATION

AFTER MARCH 1, 1998

Prepared by: WARREN MILLER

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970034 Condition Number(s): 5
Operator Name: ALYESKA PIPELINE SERVICE CO OPID: 26149
Street Address: 1835 SOUTH BRAGAW ST.
City: ANCHORAGE State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/08/1997 Date Received: 08/08/1997
Reporting Official's Name: William H. Newbold
Title: Senior Vice President Phone: 9078356915
Determining Person's Name: Wes Tonkins
Title: Senior Hydraulics Engineer Phone: 9074595858
Date condition Determined to Exist: 08/02/1997
Condition Location: City: State: AK

Specific Location: Trans-Alaska Pipeline System (TAPS), between Pump
Stations 7 and 8

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: hazardous liquid

Description of Condition: TAPS had been shutdown for scheduled maintenance and was being restarted. Upon restart of Pump Station 7, a pressure transient in the adjacent downstream section of the pipeline caused the MAOP to exceed 110%. The highest pressure calculated by interpolation between nearby recorded pressures was 119% of MAOP for approx. 2 min. Alyeska has preliminarily determined that the startup procedures were adequate and the overpressure condition resulted from a controller's failure to follow a step in the restart procedure. No leaks or damage was caused by the overpressure and pipeline integrity was not compromised.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: The pipeline controller took immediate action when high pressure alarms were received and pressures dropped below 110% MAOP within approx. 10 minutes.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: The situation has been reviewed by the
controllers to prevent similar
occurrences in the future.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 08/11/1997 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: Lucy Oshiro/Linda Daugherty

Date: 08/11/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/20/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STRAWN WILL WRITE UP VIOLATION FOR NOT FOLLOWING

PROCEDURES.

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken: YES

Case Opened (Federal case identification number *)

Notes: SAFETY RELATED CONDITION CAN BE CLOSED VIOLATION FOR NOT FOLLOWING

PROCEDURES WILL BE WRITTEN. STRAWN

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970035 Condition Number(s): 1
Operator Name: Michigan Consolidated Gas Company OPID:
Street Address: 500 Griswold
City: Detroit State: MI ZIP: 48226

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 08/18/1997 Date Received: 08/18/1997
Reporting Official's Name: Mike Allen George
Title: Manager, Codes & Standards Phone: 3132565994
Determining Person's Name: John Massie
Title: Supervisor Phone: 3133897380
Date condition Determined to Exist: 08/05/1997
Condition Location: City: Warren State: MI

Specific Location: 12750 E. 10 Mile Road, Northeast Station, Macomb County
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: natural gas

Description of Condition: Internal localized corrosion pit on station by-pass piping.

Discovery Circumstances: Crew performing routine work in station discussed leak.

Significant Effects on Safety: NONE

Corrective Action Taken: Station depressurized, affected piping was cut out and replaced 8/18/97.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: Station returned to normal operation on 8/20/97. No future corrective action.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 08/19/1997 Region: Central
Date Sent To State: 08/19/1997 State/Agency: MI PSC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 08/19/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/22/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: STATE WITNESSED REMOVAL AND REPLACEMENT OF
24

FOOT SECTION OF PIPELINE. STATE ALSO ISSUED
NONCOMPLIANCE REGARDING THE FACILITY. AN ACTION
PLAN TO REVIEW PIPING HAS BEEN DEVELOPED.
INITIATION OF THE PLAN WILL BEGIN IN MARCH WITH
THE STATE'S OVERSITE.

Action Taken By Operator: THE LEAK WAS DISCOVERED, 24 FEET OF LINE CUTOUT
AND

REPLACED. SYSTEM WAS PUT BACK IN OPERATION ON
8/19/97. A PLAN OF ACTION HAS BEEN DEVELOPED TO
REVIEW AREAS OF POSSIBLE PROBELMS, AS DIRECTED BY
THE STATE OF MICHIGAN.

Date Repair Completed: 08/19/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: YES

Case Opened (Federal case identification number *)

Notes:

Prepared by: WARREN MILLER

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970036 Condition Number(s): 6
Operator Name: Williams Natural Gas Company OPID:
Street Address: P.O. Box 3288
City: Tulsa State: OK ZIP: 74101

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/28/1997 Date Received: 08/28/1997
Reporting Official's Name: Joe Freisberg
Title: Sr.Coordinator Pipeline Safety Phone: 9185884193
Determining Person's Name: Wayne Askins
Title: Area Supv., Independence Div. Phone: 3163315132
Date condition Determined to Exist: 08/26/1997
Condition Location: City: Barnsdall State: OK

Specific Location: 2 miles N.W. of Barnsdall, Osage County, Sec. 11 -T24N -
R10L, Sta. #2246-96, Pipeline Name: Drumright/Tallant,
Pipeline Line Letter: XC

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: natural gas

Description of Condition: Pinhole leak in natural gas pipeline causing small
bubbling in water in bar ditch of county blacktop
where pipeline crosses.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: Pipeline XC has a 720 psig MAOP; the pressure of this
line has been lowered to a (POP) permissible
Operating Pressure of 250 psig. The POP of 250 psig
shall remain in effect until the condition is
corrected.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: WNG will replace this crossing with
approximately 475 feet of 12-3/4 inch,
0.250w, X-65 line pipe.

To Begin: 09/02/1997 To Be Completed By: 09/12/1997

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 08/29/1997 Region: Southwes

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 08/29/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/12/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Discussed with Operatyor during standard inspection, reviewed proposed correective action. Received notification corrective action complete.

Action Taken By Operator: Operator reduced permissible operating pressure from 720 psig (MAOP) to 250 psig. Operator replaced crossing with 475 feet of new 12-inch pipe

Date Repair Completed: 09/11/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Condition was brought to attention of inspectors LSW and RL during standard inspection of unit.

Prepared by: Larry Atwell

Reviewed by: Larry Atwell

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970037 Condition Number(s): 1
Operator Name: Southern Natural Gas Company OPID:
Street Address: P. O. Box 2563
City: Birmingham State: AL ZIP: 35202-2563

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/18/1997 Date Received: 09/18/1997
Reporting Official's Name: W. Paul Bland
Title: Transmission Superintendent Phone: 3342857984
Determining Person's Name: W. Paul Bland
Title: Transmission Superintendent Phone: 3342857984
Date condition Determined to Exist: 09/12/1997
Condition Location: City: Beauregard State: AL

Specific Location: 10" Montgomery/Columbus Pipeline, milepost 170.135, Lee
County, Township 18 North, Range 26 East, Section 27

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural gas

Description of Condition: Corrosion leak and an area of general corrosion.

Discovery Circumstances: Contractor working on pipeline right of way detected odor of odorized gas leak and notified company personnel.

Significant Effects on Safety: NONE

Corrective Action Taken: Section of pipeline was isolated and pressure lowered to zero. Pipe will remain out of service until repairs are completed.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: Replace approximately 200 feet of pipe.

To Begin: 09/16/1997 To Be Completed By: 09/30/1997

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 09/19/1997 Region: Southern

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 09/23/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/29/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONTRACTOR WORKING ON PIPELINE RIGHT OF WAY
DETECTED ODORIZED GAS LEAK AND NOTIFIED COMPANY
PERSONNEL. ENSUING EXCAVATION REVEALED CORROSION
LEAK AND AN AREA OF GENERAL CORROSION.

Action Taken By Operator: SECTION OF PIPELINE WAS ISOLATED AND PRESSURE
LOWERED TO ZERO. SONAT PLANS TO REPLACE
APPROXIMATELY 200 FEET OF PIPE. WORK COMMENCED ON
9/16/97 AND SHOULD BE COMPLETED BY 9/30/97. PIPE
WILL REMAIN OUT OF SERVICE UNTIL REPAIRS ARE
COMPLETED.

Date Repair Completed: 09/23/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NO ENFORCEMENT ACTION TAKEN.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/08/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: A CONTRACTOR WORKING ON PIPELINE RIGHT OF WAY

DETECTED ODORIZED GAS LEAK AND NOTIFIED COMPANY PERSONNEL. ENSUING EXCAVATION REVEALED CORROSION LEAK AND AN AREA OF GENERAL CORROSION ON 10 INCH MONTGOMERY/COLUMBUS PIPELINE AT MILEPOST 170.135 IN BEAUREGARD, ALABAMA (LEE COUNTY).

Action Taken By Operator: SECTION OF PIPELINE WAS ISOLATED AND PRESSURE LOWERED TO ZERO. THE PLANS ARE TO REPLACE APPROXIMATELY 200 FEET OF PIPE. WORK COMMENCED ON 9/16/97 AND SHOULD BE COMPLETED BY 9/30/97. PIPE WILL REMAIN OUT OF SERVICE UNTIL REPAIRS ARE COMPLETED. On April 29, 1998, Paul Bland stated that 200 feet of pipe was replaced prior to 9/30/97. Normal operations have resumed. However, SoNat will be replacing all pipeline up to the place where this leak occurred during the summer '98.

Date Repair Completed: 09/23/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NO ENFORCEMENT ACTION TAKEN.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970038 Condition Number(s): 5
Operator Name: PanEnergy Corp. OPID:
Street Address: 5400 Westheimer Court
City: Houston State: TX ZIP: 77056-5310

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/26/1997 Date Received: 09/26/1997
Reporting Official's Name: Dwayne Teschendorf
Title: Senior Engineer Phone: 7136275573
Determining Person's Name: Dwayne Teschendorf
Title: Senior Engineer Phone: 7136275573
Date condition Determined to Exist: 09/23/1997
Condition Location: City: Kellerville State: IN

Specific Location: 24" Line #1 M.P. 619.6 to M.P. 620.6, Oakland, IN
Compressor Station Discharge

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: Natural Gas

Description of Condition: Maximum allowable operating pressure plus allowable buildup for the Class 2 deferred segment on 24" Line #1 at M.P. 619.6 to M.P. 620.6, Oakland City Discharge, was exceeded on 7/14/97 when the pipeline segment was isolated for pipe replacements and hydrostatic test.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: Texas Eastern is initiating an investigation to determine what corrective action is appropriate.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: Texas Eastern is initiating an investigation to determine what corrective action is appropriate.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 09/29/1997 Region: Central
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 09/30/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/26/1997

Further Follow-Up Reports Forthcoming:

Action Taken by Region/State: Talked to TE personnel about the report. A one mile section of a 800 MAOP line had a class location change from a class 1 to a class 2. The MAOP of this section was reduced to 700 psig. This line was shut in so that repairs could be made. When the pressure equalized out, the MAOP of this section was exceeded by approximately 84 psig.

Action Taken By Operator: TE is currently putting a field team together to investigate what happen and to make sure that this does not occur again. They have indicated that a report will be made. We have asked for a copy of that report.

Date Repair Completed: 09/15/1998

Resulted in Incidents After Report: NO

Date of Incident: 07/14/1997

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CRO personnel monitored the progress of the remedial action that TET was to complete to make sure of no re-occurrence of this incident. On 9/15/98, TET informed CRO of the completion of these actions.

Prepared by: Hans Shieh

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970039 Condition Number(s): 6
Operator Name: Williams Natural Gas Company OPID:
Street Address: P.O. Box 3288
City: Tulsa State: OK ZIP: 74101

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 10/09/1997 Date Received: 10/14/1997
Reporting Official's Name: Joe Freisberg
Title: Sr. Coordinator Phone: 9185884193
Determining Person's Name: Carl Hampton
Title: Area Supervisor Phone: 4176240847
Date condition Determined to Exist: 10/09/1997
Condition Location: City: Galena State: KS

Specific Location: 1/2 mile north of Galena, KS; Cherokee County; Sec. 11,
12 -T34N - R25E; Sta. #53+81, Pipeline Name: Farmers
Chemical; Pipeline Line Letter: FF-7

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Small leak in a 3-inch natural gas pipeline under
paved road (110th St.). No blowing gas. Crossing is
not cased.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: Pipeline FF-7 has a 300 psig MAOP; the pressure of
this line has been lowered to a Permissible Operating
Pressure (POP) of 235 psig.

Reduced Pressure From (PSI): 300 to (PSI): 235

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: WNG plans to replace this crossing
beginning the week of October 20, 1997.
WNG will monitor the condition until the
line crossing is replaced.

To Begin: 10/20/1997 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 10/14/1997 Region: Central

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 10/14/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/16/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Called and talked to Williams Natural about the Safety Ralated Condition report. The 3" pipeline is under a black top road and Williams is planning on boring in a new crossing.

Action Taken By Operator: Williams is planning on replace the crossing. Williams has lowered the pressure in the pipeline and are monitoring the area. Williams replaced the road crossing on November 20, 1997.

Date Repair Completed: 11/20/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Williams replaced the crossing on November 20, 1997.

Prepared by: Ralph Handlin

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970040 Condition Number(s): 1
Operator Name: Clark Refining & Marketing, Inc. OPID:
Street Address: 2844 Summit
City: Toledo State: OH ZIP: 43611

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/07/1997 Date Received: 10/09/1997
Reporting Official's Name: Brian Schoolcraft
Title: Area Manager Phone: 4197269741
Determining Person's Name: Brain Schoolcraft
Title: Area Manager Phone: 4194269741
Date condition Determined to Exist: 09/30/1997
Condition Location: City: Toledo State: OH

Specific Location: 531 ft. N. of CL N&S Mianline along CSX ROW, between
Millard Ave. and YOrk St. in Oregon, Toledo, OH

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Hazardous liquid

Description of Condition: External corrosion pit caused leak in pipe.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: Plugged and evacuated line. Isolated line section.
Excavated, exposed, and inspected line segment.
Repairs in progress.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Repair line segment per ASME B31.4.
Installing cathodic protection test
station at segment.

To Begin: 09/30/1997 To Be Completed By: 10/14/1997

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 10/10/1997 Region: Central

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 10/16/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/10/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: RECEIVED UP-DATED INFORMATION FROM BRIAN SCHOOLCRAFT OF CALRK'S TOLEDO TERMINAL.

Action Taken By Operator: CLARK REPLACED A 24'10" SECTION OF 6" PIPE THAT HAD FAILED DUE TO EXTERNAL CORROSION. CLARK ALSO INSTALLED A CATHODIC PROTECTION TEST STATION AND NEW ANODES ON THE 6" PIPELINE NEAR THE FAILURE SITE.

Date Repair Completed: 10/10/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: RICK GULSTAD

Reviewed by: IVAN A. HUNTOON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970041 Condition Number(s): 2
Operator Name: Amoco Pipeline Company OPID:
Street Address: One Mid America Plaza, Suite 300
City: Oakbrook Terrace State: IL ZIP: 60181

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/16/1997 Date Received: 10/16/1997
Reporting Official's Name: Matt Polishak
Title: Compliance Coordinator Phone: 6309903730
Determining Person's Name: Frank Staab
Title: Team Leader Phone: 8154786121
Date condition Determined to Exist: 10/10/1997
Condition Location: City: Calhoun State: KY

Specific Location: Green River pipeline crossing; pipeline name:
Whiting-Decatur; Mile post: 308; McLean County

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Hazardous liquid

Description of Condition: Although the pipeline is currently buried beneath the bottom of the Green River and along its banks, erosion of the south bank in the vicinity of the pipeline crossing has occurred.

Discovery Circumstances: Visual inspection of surface conditions in the area where performed.

Significant Effects on Safety: Abnormal loading on the pipeline is suspect due to environmental causes.

Corrective Action Taken: Amoco Pipeline Co. has determined that the best course of action is to directionally drill a new crossing. We anticipate this new crossing to be completed prior to the end of the year. In the meantime, the area will be monitored and operating pressure will be reduced accordingly.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Anticipate new crossing to be completed prior to the end of the year. In the meantime, the area will be monitored and operating pressure will be reduced accordingly.

To Begin: To Be Completed By: 12/31/1997
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 10/16/1997 Region: Southern
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 10/16/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/16/1997

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: ALTHOUGH THE 8 INCH WHITING/DECATUR PIPELINE IS

CURRENTLY BURIED BENEATH THE BOTTOM OF THE GREEN RIVER AND ALONG ITS BANKS, EROSION OF THE SOUTH BANK IN THE VICINITY OF THE PIPELINE CROSSING HAS OCCURRED. THE PIPELINE IS LOCATED IN CALHOUN, KENTUCKY (MCLEAN COUNTY) AT MILEPOST 308. THE PRODUCT IS XYLENE.

Action Taken By Operator: VISUAL INSPECTION OF SURFACE CONDITIONS IN THE AREA

WAS PERFORMED. ABNORMAL LOADING ON THE PIPELINE IS SUSPECT DUE TO ENVIRONMENTAL CAUSES. OPERATOR HAS DETERMINED THAT THE BEST COURSE OF ACTION IS TO DIRECTIONALLY DRILL A NEW CROSSING. THE NEW CROSSING SHOULD BE COMPLETED PRIOR TO THE END OF THE YEAR. IN THE MEANTIME, THE AREA WILL BE MONITORED AND OPERATING PRESSURE WILL BE REDUCED ACCORDINGLY. On October 19, 1997, the maximum discharge pressure at the station upstream of the Green River was reduced from 1422 psi to 662 psi. On February 23, 1998, a new 1460 feet directionally drilled river crossing was installed. The old pipe (8 inch, .188 w.t., X46) was replaced with new pipe (8 inch, .500 w.t., X42) Also, the pressure reductions at the station upstream of the Green River were removed. The station returned to its maximum allowable discharge pressure of 1422 psi and normal operating conditions have resumed.

Date Repair Completed: 02/23/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NO ENFORCEMENT ACTION TAKEN.

Prepared by: Vallery Henry

Reviewed by: Frederick A. Joyner
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970042 Condition Number(s): 1
Operator Name: ARCO Alaska, Inc., Kuparuk Operations OPID:
Street Address: P. O. Box 196105
City: Anchorage State: AK ZIP: 99509-6105

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 10/22/1997 Date Received: 10/23/1997

Reporting Official's Name: C. L. Clark/M.G. Lynden
Title: CPF-1 Facility Supervisor Phone: 9076597510

Determining Person's Name:
Title: Phone:

Date condition Determined to Exist: 10/17/1997
Condition Location: City: State: AK

Specific Location: North Slope of Alaska, Kuparuk Pipeline, a remote location at pipeline distances of 10,788 ft. from CPF-1, at VSM (vertical support member) 390, at 65,090 ft. at VSM 1222 and 119,731 ft. at VSM 2280.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: crude oil

Description of Condition: Localized external corrosion at eleven locations on the pipeline as a result of water intrusion in the outer insulation near field weld connections.

Discovery Circumstances: New preliminary information provided by the firm that performed inspection pigging services.

Significant Effects on Safety: NONE

Corrective Action Taken: Ten locations were visually inspected. One location, with an indicated wall loss of 52% is over a lake and will be inspected when it is safe to do so. It is not anticipated that this location will be derating. Three of these locations have localized external corrosion that reduces the maximum operating pressure of the pipeline to 1318 psig at VSM 390. 1404 psig at VSM 1222 and to 1224 psig at VSM 2280. Approximate actual operating pressure at VSM 390 is only 575 psig, at VSM 1222, it is only 326 psig and at VSM 2280 it is only 235 psig.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: The MAWP has been reduced and the appropriate over pressure devices adjusted per RESTRENG calculations as developed by AGA/Battelle and permitted in 49 CFR 195.416(h). The MAWP will be returned to 1415 psig as soon as necessary repairs are complete..

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 10/24/1997 Region: Western
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 10/29/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/20/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: PIPELINE WAS DERATED BUT OPERATING IS PRESSURE IS
BELOW RATING BECAUSE OF A SECTION OF LINE WITH AN
EVEN LOWER RATING.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMENT THIS BE CLOSED HADDOW/STRAWN

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970043 Condition Number(s): 1
Operator Name: Louisiana Intrastate Gas Company, L.L.C. OPID:
Street Address: P. O. Box 1352
City: Alexandria State: LA ZIP: 71309-1352

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 12/01/1997 Date Received: 12/01/1997
Reporting Official's Name: Michael J. Leger
 Title: Manager, Southern Region Phone: 3182338945
Determining Person's Name: Michael J. Leger
 Title: Manager, Southern Region Phone: 3182338945
Date condition Determined to Exist: 11/20/1997
Condition Location: City: State: LA

 Specific Location: Section 35, Township 8 South - Range 3 East; system
 name, Scott to Opelousas 16" Pipeline Dwg. D-204;
 outside Lafayette Parish, LA; Pipeline station NO.
 252+20 - 252+49

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
 operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Internal corrosion

 Discovery Circumstances: Excavated selected anomaly from intelligent pig
 run.

 Significant Effects on Safety: NONE

Corrective Action Taken: Pressure reduction

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Pipe replacement commensurate with the
 present class location, pending official
 interpretation from Tuboscope Pipeline
 Services.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): State

Date Sent To Region: 12/03/1997 Region: Southwes

Date Sent To State: 12/03/1997 State/Agency: LA DNR

OPS Representative: Linda Daugherty/Lucy Oshiro

 Date: 12/03/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/14/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES,

PIPELINE DIVISION, VERIFIED THE INFORMATION SUBMITTED BY THE OPERATOR.

Action Taken By Operator: LIG REPLACED 23 DIFFERENT LOCATIONS THAT INDICATED

INTERNAL CORROSION WITH NEW PIPE. THEY ALOS INSTALLED WELDED SPLIT SLEEVES AT 13 DIFFERENT LOCATIONS THAT INDICATED EXTERNAL CORROSION. THEY PLAN TO INITIALLY RUN CLEANING AND CORROSION INHIBITORS THROUGH THE ENTIRE 44 MILE SYSTEM AND CONTINUE THIS PRACTICE ON A SEMI-ANNUAL BASIS. THE MOP HAS BEEN RESTORED TO THE NORMAL OPERATING PRESSURE.

Date Repair Completed: 06/15/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: J. KOHLER/D. ARABIE/T. BINNS

Reviewed by: R. M. SEELEY

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/02/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: SEE INITIAL FOLLOW-UP REPORT

Action Taken By Operator: LIG HAS REPLACED 17 DIFFERENT ANNOMALY LOCATIONS

THAT WERE THE MOST SEVERE WITH NEW PIPE. SOME OF THE ANNOMALIES WERE SENT TO THE METALLURGICAL TEST LAV IN HOUSTON TO VERIFY THE ANNOMALIES ARE AS SEVERE AS INDICATED BY THE INTELLIGENT PIG RUNS. THE MOP CONTINUES TO BE MAINTAINED AT 650 PSI. THIS PROCESS IS ONGOING.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: JOEL E. KOHLER/T.BINNS

Reviewed by: R.M. SEELEY

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/02/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: SEE INITIAL REPORT

Action Taken By Operator: SEE INITIAL REPORT. LIG IS IN THE PROCESS OF CONTINUING TO EVALUATE THE RESULTING DATA OF THE INTELLIGENT PIG RUNS AND REPLACING OR REPAIRING THOSE SECTIONS OF PIPE WHERE ANNOMALIES ARE PRESENT. THIS PROCESS IS ONGOING

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: JOEL E. KOHLER/T. BINNS

Reviewed by: R.M. SEELEY

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/03/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: LOUISIANA PIPELINE SAFETY INVESTIGATED PRIOR TO INCIDENT AND THE DATA SUPPORTING THE SAFETY-RELATED CONDITION AS REPORTED BY LIG DATED DECEMBER 1, 1997.

Action Taken By Operator: LIG REDUCED THE MOP AS A PRECAUTIONARY MEASURE TO

650PSI. AGA AND ANSI CORROSION FORMULAS YIELD AN ACCEPTABLE MOP RANGE FROM 718 PSI TO 830 PSI FOR THIS LOCATION. FOLLOWING AN INCIDENT ON SEPTEMBER 16, 1997, THE MOP FOR THE ST. LANDRY TO SOUTH SCOTT 16-INCH LINE WAS REDUCED TO 700 PSI AS A PRECAUTIONARY MEASURE. THE MOP WAS FURTHER REDUCED TO 650 PSI ON NOVEMBER 20, 1997 FOLLOWING PRELIMINARY RESULTS OF AN INTELLIGENT PIG RUN AND TEST DIGS. REPAIRS OF AFFECTED PIPELINE COULD BEGIN AS EARLY AS JANUARY 1998. THE PIPELINE WILL CONTINUE TO BE OPERATED AT A REDUCED MOP UNTIL REPAIRS ARE MADE.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident: 09/16/1997

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: JOEL E. KOHLER/T. BINNS

Reviewed by: R.M. SEELEY

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970044 Condition Number(s): 2
Operator Name: Equitable Gas Company OPID:
Street Address: 200 Allegheny Center Mall
City: Pittsburgh State: PA ZIP: 15212-5352

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 11/26/1997 Date Received: 12/03/1997
Reporting Official's Name: Steven M. Masley
Title: Gen'l Mgr. of Engineering Phone: 4123953380
Determining Person's Name: Robert P. Dodson
Title: Construction Administrator Phone: 4125535381
Date condition Determined to Exist: 11/26/1997
Condition Location: City: Pittsburgh State: PA

Specific Location: Fritz Street (between Hartford & Ingress); Survey
station: 17th Ward

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: Natural gas

Description of Condition: Landslide onto Welsh Way reported by the "PA
One-Call"

Discovery Circumstances:

Significant Effects on Safety: Steel Pipeline, potential for pull-out at
coupler

Corrective Action Taken: Line to be separated and taken out of service at
Hartford and Ingress on 11/26/97. Temporary, above
ground installation of 217 ft. of 3" plastic pipe.
Permanent repair subsequent to water company street
repair.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: Permanent repair subsequent to water
company street repair.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 12/05/1997 Region: Eastern

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 12/05/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/22/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: BASED ON THE REVIEW OF FINAL REMEDIAL WORK,
PA-PUC RECOMMENDS SRC CLOSURE

Action Taken By Operator: THE ORIGINAL LINE WAS RETURNED TO SERVICE UPON
COMPLETION OF THE ENGINEERING ANALYSIS.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: SRC CLOSURE

Prepared by: DINO N. RATHOD

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/24/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA-PUC IS MONITORING SRC.

Action Taken By Operator: TEMPORARY 3-INCH PLASTIC LINE INSTALLED.
PERMANENT

REPAIRS AWAITING WATER COMPANY RELATED STREET
REPAIRS.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: QUARTERLY UPDATES EXPECTED FROM PA-PUC.

Prepared by: DINO .N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970045 Condition Number(s): 1
Operator Name: Milne Point Pipeline Co., c/o BP Exploration OPID:
Street Address: c/o BP Exploration (Alaska) Inc., P.O. Box 196612
City: Anchorage State: AK ZIP: 99519

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 12/03/1997 Date Received: 12/03/1997
Reporting Official's Name: T. Simpson
Title: Maintenance Supt. Phone: 9075644402
Determining Person's Name: L. Martinovich
Title: Corrosion Insp.& Chem. Coord. Phone: 9076596478
Date condition Determined to Exist: 11/26/1997
Condition Location: City: State: AK

Specific Location: Milne Point Pipeline, Pipeline reference location:
449.52 - 449.53

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: :"

Description of Condition: Area of identified external corrosion was approximately 22 inches in length by 34 inches in width. The maximum pit depth of the corroded area was 0.290 inches. The nominal pipe wall thickness is 0.340 inches.

Discovery Circumstances: An investigation was performed at this location as a result of an anomaly observed by automatic tangential radiograph testing equipment.

Significant Effects on Safety: NONE

Corrective Action Taken: Maximum allowable operating pressure was lowered from 1140 psig to 875 psig until a 26 inch girth welded split pipe sleeve installation was completed on 12/3/97.97.

Reduced Pressure From (PSI): 1140 to (PSI): 875

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 12/05/1997 Region: Western

Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 12/05/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/20/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: OPERATING PRESSURE WAS LOWERED FROM 1140 TO 875
UNTILL SPLIT SLEEVE WAS INSTALLED ON 12/3/97

Date Repair Completed: 12/03/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS BE CLOSED HADDOW/STRAWN

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 970046 Condition Number(s): 1
Operator Name: CNG Transmission Corporation OPID:
Street Address: 445 West Main Street, P. O. Box 2450
City: Clarksburg State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 12/04/1997 Date Received: 12/04/1997
Reporting Official's Name: Martin C. Schwoeble
Title: Phone: 3046238408
Determining Person's Name: Chuck Garrison
Title: Operations Supv. Phone: 4124684145
Date condition Determined to Exist: 12/01/1997
Condition Location: City: Westmoreland State: PA

Specific Location: 4" - Oakford - JP-498, Browntown Road, Hempfield Twp.
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural gas

Description of Condition: Localized pitting

Discovery Circumstances: Landowner reported leak due to wet ground conditions causing leak to rise to surface causing bubbles.

Significant Effects on Safety: NONE

Corrective Action Taken: Field personnel isolated section of pipeline and evacuated all natural gas from it on 11/26/97. A low pressure leak clamp ws installed on 12/01/97 and the line was put back in service the same repair day.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A low pressure leak clamp was installed and the line was put back in service.

To Begin: 11/26/1997 To Be Completed By: 12/01/1997
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 12/05/1997 Region: Eastern
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 12/05/1997

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/12/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Landowner reported leak due to wet ground conditions causing leak to rise to surface causing bubbles. Field personnel isolated section of pipeline and evacuated all natural gas from it on 11/26/97. A low pressure leak clamp was installed on 12/01/97 and the line was put back into service the same day.

Date Repair Completed: 12/01/1997

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Phillip Please close this SRC

Prepared by: Atif khadir

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980001 Condition Number(s): 1
Operator Name: The Peoples Natural Gas Co. OPID:
Street Address: 625 Liberty Avenue
City: Pittsburgh State: PA ZIP: 15222

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/12/1998 Date Received: 01/21/1998
Reporting Official's Name: John J. Janicki
Title: Mgr,Safety, Envir.& Compliance Phone: 4124976588
Determining Person's Name:
Title: Phone:
Date condition Determined to Exist: 01/08/1998
Condition Location: City: Somerset State: PA

Specific Location: Bishop's Trailer Court, Line #TP-7100
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: gas

Description of Condition: Bubbling in moist soil over pipeline. Upon investigation, by customer serviceman, a leak in the transmission line was suspected. Pit depth analysis: one pit on top of the pipeline approx. 0.100" in depth, one leaking pit directly under this pit on the bottom of the pipeline. A second pit on the bottom of the pipeline approx. 4" North of the leak, approx. 0.900" in depth measuring 2.5" long and 1.5" wide. NOTE: A large layer of rock (approx. 4'x 6'x 4" thick) was removed from approx. 1' below the pipeline to repair the leak. No clusters were found. Ultrasonic wall thickness readings: 0.304" pipe thickness on the top of the pipeline. Pipe to soil potentials: None taken. Soil samples were taken, at this time there are no plans for their being analyzed.

Discovery Circumstances: Odor complaint. Resident, Customer Serviceman dispatched and Duty Foreman notified.

Significant Effects on Safety: None

Corrective Action Taken: Crew was called out and the leak was repaired that night. An "economy leak repair clamp" was installed on the leak and an additional clamp was installed on a second pit discovered on the pipeline. A close

interval CP survey will be completed as soon as possible.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: The close interval survey was completed on 1/9/98. The pipeline potentials met the 100 mv shift criterion in the area of the leak.

To Begin: To Be Completed By: 01/09/1998

Jurisdictional To (Region or State/Agency abbrev.): PA PUC

Date Sent To Region: 01/26/1998 Region: Eastern

Date Sent To State: 01/26/1998 State/Agency: PA PUC

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 01/26/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/22/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: BASED ON THE REVIEW OF THE FINAL REMEDIAL WORK,

PA-PUC RECOMMENDS THE SRC CLOSURE.

Action Taken By Operator: APPRX. 1800 FT. OF 20-INCH BARE STEEL LINE WAS RELACED AT THE TRAILER PARK.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: SRC CLOSURE

Prepared by: DINO N. RATHOD

Reviewed by: PHILLIP NGUYEN

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/24/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA-PUC IS MONITORING THE SRC.

Action Taken By Operator: DAILY LEAK SURVEYS IN CLASS 3 AREAS; PA-PUC PLANS TO

REVIEW REMEDIAL PLANS FROM THE PEOPLES GAS CO.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: PA-PUC EXPECTED TO PROVIDE QUARTERLY UPDATES

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980002 Condition Number(s): 6
Operator Name: Long Island Lighting Company OPID:
Street Address: Gas Business Unit, 175 East Old Country Road
City: Hicksville State: NY ZIP: 11801

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 10/29/1997 Date Received: 01/30/1998
Reporting Official's Name: Donald A. Wolf
Title: Mgr. Ops. & Reg. Supp. Dept. Phone: 5165454815
Determining Person's Name: Peter Baker
Title: Mgr. Gas System Ops. Phone: 5165454815
Date condition Determined to Exist: 01/23/1998
Condition Location: City: Brookhaven State: NY

Specific Location: North Street, Town of Brookhaven, NY
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: natural gas

Description of Condition: Lack of fusion defect in a 4" weld that could lead to a leak.

Discovery Circumstances: On 1/23/98, a review of a re-radiograph on a weld between a 4" diameter T.D. Williamson top tap tee and a weldolet connected to an 8" diameter 350 psig gas main revealed an approx. 4" long lack of fusion indication on a radiograph. The indication is rejectable per API 1104. The lack of fusion indication was not observed during a previous radiograph taken on 6/11/97 because of poor film quality and radiograph technique. The joint was hydrostatically tested in excess of 700 psig in July, 1997.

Significant Effects on Safety: NONE

Corrective Action Taken: The 8" gas main pressure was reduced to approx. 250 psig as a precautionary measure and emergency response procedures were put into place. A leak survey of the area was negative.

Reduced Pressure From (PSI): 350 to (PSI): 250

Shutdown: NO

Date Action Taken: 01/23/1998

Planned Follow-Up/Corrective Action: Main cannot be taken out of service , a welded repair clamp is being pursued to

install around the weldolet, tee and main
to create a new pressure boundary. In
addition, the possibility of installing a
by-pass around the section is being
investigated.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): State
Date Sent To Region: 02/02/1998 Region: Eastern
Date Sent To State: 02/02/1998 State/Agency: NY PSC
OPS Representative: Linda Daugherty/Lucy Oshiro
Date: 02/03/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/29/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NY-PSC INVESTIGATED AND WITNESSED THE FINAL
REPAIR/ REPLACEMENT OF TAPPING ASSEMBLY AND
WELDS.

Action Taken By Operator: REPAIRED THREE WELDS; REMOVED A SECTION OF PIPE
CONTAINING THE TEE ASSEMBLY AND REPLACED WITH A NEW
PIPE SECTION CONTAINING A BRANCH CONNECT TO SERVICE
THE CUSTOMER

Date Repair Completed: 05/16/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY-PSC INVESTIGATION IS COMPLETE NOW. PSC IS SATISFIED WITH THE
REMEDIAL

ACTIONS AND RECOMMENDS CLOSURE OF THIS SRCR.

Prepared by: DINO N. RATHOD

Reviewed by: phillip nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980003 Condition Number(s): 5
Operator Name: Consolidated Edison Co. of New York, Inc. OPID:
Street Address: 4 Irving Place
City: New York State: NY ZIP: 10003

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 12/31/1997 Date Received: 02/05/1998

Reporting Official's Name: Harry Morrison

Title: Plant Manager Phone: 2126062707

Determining Person's Name:

Title: Phone:

Date condition Determined to Exist: 04/28/1997

Condition Location: City: Queens State: NY

Specific Location: Fuel Oil Pipeline #2-No. 6 Fuel oil supply line
connecting Ravenswood Generating Station (located on
east bank of East River in Queens), and East 74th St.
Generating Station (located on west bank of East River
in Manhattan)

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: gas

Description of Condition: The maximum operating pressure of Fuel Oil Pipeline #2 is 80 psig. For a two minute period on 4/28/97, the pressure reached 100 psig, or 125 percent of its maximum operating pressure. No. 6 fuel oil was the commodity being transported.

Discovery Circumstances: On 4/28/97, 74th St. station was receiving No. 6 fuel oil from Ravenswood Station via Fuel Oil Pipeline #2. At approx. 2200 hrs., 74th St. Sta. operators planned to discontinue receiving oil via the pipeline and switch to an oil barge moored at 74th St. Sta.'s dock. Valving realignment to achieve the switch over was discussed between the station operators and the Company's Fuel Operating Authority. At 2247 hrs., a 74th St. Sta. operator proceeded with the valve realignments but

neglected to notify the operator at the Ravenswood Sta. to shut down oil transfer pumps. Closing the pipeline isolation valve at 74th St.'s end of the pipeline caused the pipeline pressure at Ravenswood's end to reach 100 psig. Although the operators at 74th St. did not follow proper procedures, an analysis of the incident revealed a system design deficiency which was a secondary cause. When the pipeline max. op. pressure was reduced to 80 psig from 100 psig several years ago, the pump discharge pressure relief/recirc. valve setting was not revised.

Significant Effects on Safety: NONE

Corrective Action Taken: The operator at Ravenswood shut down the pumps at 2249 hrs. when the fuel oil pipeline pressure increase was detected.

Shutdown: YES

Date Action Taken: 04/28/1997

Planned Follow-Up/Corrective Action: The system design deficiency has been corrected by resetting the pump discharge pressure relief/recirculation valve to limit the pipeline pressure to 78 psig.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 02/06/1998 Region: Eastern

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lucy Oshiro

Date: 02/06/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/04/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NY-PSC INSPECTORS HAVE REVIEWED REMEDIAL MEASURES AND WRITTEN DOCUMENTATION; BASED UPON THIS REVIEW, NY-PSC RECOMMENDS THAT CON-ED HAS MET AND IMPLEMENTED NECESSARY REMEDIAL MEASURES AND SRCR BE CLOSED

Action Taken By Operator: CON-ED INSTALLED PRESSURE RELIEF VALVES AND REVISED

OPERATING PROCEDURES TO ENSURE COMPLIANCE

Date Repair Completed: 08/14/1997

Resulted in Incidents After Report: NO

Date of Incident: 12/31/1997

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NY-PSC RECOMMENDS THAT SRCR BE CLOSED

Prepared by: DINO N. RATHOD

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980004 Condition Number(s): 1
Operator Name: CNG Transmission Corporation OPID:
Street Address: P.O. Box 2450, 445 West Main Street
City: Clarksburg State: WV ZIP: 26302-2450

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 02/11/1998 Date Received: 02/11/1998
Reporting Official's Name: Martin C. Schwoeble
Title: CNGT Pipeline Safety Rep. Phone: 3046238408
Determining Person's Name: Chuck Garrison
Title: Phone: 7244684145
Date condition Determined to Exist: 02/09/1998
Condition Location: City: Jeannette, Westmoreland State: PA

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: natural gas

Description of Condition: Localized corrosion pitting on bottom of pipe

Discovery Circumstances: Leak found during scheduled foot patrol

Significant Effects on Safety: NONE

Corrective Action Taken: Repair made with bolted sleeve that covered local pitting on bottom of pipe. Graphite anodes installed to prevent future corrosion.

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 02/19/1998 Region: Eastern
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lea Coleman
Date: 02/19/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/13/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Talked to Martin Schwoeble to get latest facts about the SRCR. He is satisfied CNG's action was appropriate to resolve the situation.

Action Taken By Operator: Pipe was repaired and section of rock on which pipe was sitting was removed. An anode string of graphite anodes was installed and tied to existing rectifier.

Date Repair Completed: 02/09/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Recommend that case be closed.

Prepared by: J. M. Firely

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980006 Condition Number(s): 1
Operator Name: The Peoples Natural Gas Company OPID:
Street Address: 625 Liberty Avenue
City: Pittsburgh State: PA ZIP: 15222-3199

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 02/26/1998 Date Received: 02/27/1998
Reporting Official's Name: John J. Janicki
Title: Mgr., Safety, Environ & Comp Phone: 4124976925
Determining Person's Name: Kenneth Nath
Title: Mgr., Field Services Phone: 7248424880
Date condition Determined to Exist: 02/23/1998
Condition Location: City: Davidsville State: PA

Specific Location: Behind 148 Regent St., Somerset, Conehaugh
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: localized corrosion pit on bottom of pipe. A large amount of rock was excavated from beneath pipeline

Discovery Circumstances: Line walker found leak indication and notified Construction/Corrosion Foreman

Significant Effects on Safety: Pipeline is located 38 yards from building

Corrective Action Taken: A Crew was called out and the leak was repaired that afternoon, an "economy leak repair clamp" was installed on the leak

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A close interval C.P. survey will be completed as soon as possible

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): ST/REG

Date Sent To Region: 02/27/1998 Region: Eastern

Date Sent To State: 02/27/1998 State/Agency: PA PUC

OPS Representative: Linda Daugherty/Lea Coleman

Date: 03/04/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/02/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA-PUC INSPECTORS CONTINUE TO REVIEW REMEDIAL
WORK BY PEOPLES GAS.

Action Taken By Operator: OPERATING PRESSURE REDUCED TO 220 PSIG PENDING
COMPLETION OF THE REMEDIAL WORK.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/22/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA-PUC REVIEWING THE FINAL REMEDIAL ACTION PLANS

BY HTRE OPERATOR FOR LINE TP-7100.

Action Taken By Operator: 32 BELL HOLE INSPECTIONS COMPLETED AND 26 PIPECLAMPS

WERE INSTALLED IN CLASS 3 AREAS AND LOW CATHODIC PROTECTION AREAS.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/24/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA-PUC IS MONITORING SRC

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report:

 Date of Incident:

Enforcement Action Taken:

 Case Opened (Federal case identification number *)

Notes: QUARTERLY UPDATES EXPECTED FROM PA-PUC.

 Prepared by: DINO N. RATHOD

 Reviewed by:

 Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980007 Condition Number(s): 1
Operator Name: The Peoples Natural Gas Company OPID:
Street Address: 625 Liberty Avenue
City: Pittsburgh State: PA ZIP: 15222-3199

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/02/1998 Date Received: 03/04/1998
Reporting Official's Name: John J. Janicki
Title: Mgr, Safety, Envir & Complianc Phone: 4124976588
Determining Person's Name: Kenneth Nath
Title: Manager, Field Services Phone: 7248424880
Date condition Determined to Exist: 02/26/1998
Condition Location: City: Ebensburg State: PA

Specific Location: Penn Metal Fabricators, New Germany RD
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: one leak repaired about 15 feet from building, one pit 9.240" deep by 1 1/2" diameter, clamped

Discovery Circumstances: odor complaint in office

Significant Effects on Safety: Pipeline located about 15 feet from building

Corrective Action Taken: Stray current has been discovered on the pipeline, determination of source is being done by testing, line was taken out of service

Reduced Pressure From (PSI): 250 to (PSI): 50

Shutdown: YES

Date Action Taken: 02/26/1998

Planned Follow-Up/Corrective Action: Temporarily Line out of Service

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REG/STA

Date Sent To Region: 03/06/1998 Region: Eastern

Date Sent To State: 03/06/1998 State/Agency: PA/PUC

OPS Representative: Linda Daugherty/Lea Coleman

Date: 03/06/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/02/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: PA-PUC REVIEWED THE FINAL REMEDIAL WORK-BASED

ON NEED FOR NO FURTHER ACTION, PA-PUC RECOMMENDS SRCR BE CLOSED.

Action Taken By Operator: EXCAVATED THE BARE SECTION OF BURRIED PIPE, CLEANED

AND WRAPPRED. NO EVIDENCE OF STRAY CURRENT WAS FOUND. NO FURTHER ACTION NEEDED.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: SRCR CLOSURE RECOMMENDED BY PA-PUC.

Prepared by: DINO N. RATHOD

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/22/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA-PUC PLANS TO REVIEW AND MONITOR REMEDIAL
ACTIONS RELATED T STRAY CURRENT MITIGATION

Action Taken By Operator: SOURCE OF STRAY CURRENT FROM PENN METALS;
PEOPLES TO

INSTALL DRAIN UNTIL A BOND CAN BE ESTABLISHED.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/24/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: PA-PUC IS INVESTIGATING AND MONITORING.

Action Taken By Operator: NEW LINE IS EXPECTED TO BE INSTALLED DURING SUMMER

1998.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: PA-PUC WILL PROVIDE QUARTERLY FOLLOW-UP REPORTS

Prepared by: DINO N.RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980008 Condition Number(s): 2
Operator Name: The Gas Company OPID:
Street Address: 555 W. Fifth Street
City: Los Angeles State: CA ZIP: 900131011

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/04/1998 Date Received: 03/16/1998
Reporting Official's Name: Todd Sostek
Title: Environment Safety Manager Phone: 2132445870
Determining Person's Name: Odell Buchanan
Title: District Pipeline Manager Phone: 8056817927
Date condition Determined to Exist: 02/24/1998
Condition Location: City: Ventura State: CA

Specific Location: Hall Canyon, Ventura County
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: natural gas

Description of Condition: excessive landslide activity and debris buildup on
the spans on 12-inch natural gas transmission line
1011

Discovery Circumstances: buildup on line due to El Nino Storms

Significant Effects on Safety: NONE

Corrective Action Taken: pipeline shut down as a safety precaution

Shutdown: YES

Date Action Taken: 02/24/1998

Planned Follow-Up/Corrective Action: relocation of line

To Begin: To Be Completed By: 04/10/1998
Jurisdictional To (Region or State/Agency abbrev.): REG/STA
Date Sent To Region: 03/17/1998 Region: Western
Date Sent To State: 03/17/1998 State/Agency: CAPUC
OPS Representative: Linda Daugherty/Lea Coleman
Date: 03/17/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/24/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: RECEIVED SRCR VIA FAX FROM OPS HQ.

Action Taken By Operator: ON 2/24/98 OPERATOR SHUT IN LINE FROM VALVE
#1011-0.00 AND 1011-5.13 AS A SAFETY PRECAUTION.
PIPELINE WILL REQUIRE RELOCATION. LINE IS EXPECTED
TO BE OUT OF SERVICE UNTILL APRIL 10, 1998 IF
WEATHER ALLOWS. CAUSED BY EL NINO STORMS.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: ADDED SRCR AS WRITTEN TO THIS FILE. STATE LIAISON WAS NOTIFIED
AND HE

WILL WORK WITH CA-PUC UNTIL SOCIAL RESOLVES.

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/23/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator:

Date Repair Completed:

Resulted in Incidents After Report:

 Date of Incident:

Enforcement Action Taken:

 Case Opened (Federal case identification number *)

Notes:

Prepared by:

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980009 Condition Number(s): 5
Operator Name: Alyeska Pipeline OPID:
Street Address: 1835 South Bragaw Street MS860
City: Anchorage State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 03/25/1998 Date Received: 03/25/1998

Reporting Official's Name: Lee C. Jones

Title: Sr. Vice President

Phone: 9074595737

Determining Person's Name: Kenneth Chrisman/Barry Paige

Title: Sr. Hydraulics Eng/Metering Op

Phone: 9072781611

Date condition Determined to Exist: 03/19/1998

Condition Location: City:

State: AK

Specific Location: Pump Station 1, Trans-Alaska Pipeline System (TAPS)

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: crude oil

Description of Condition: prover flow--control valve almost closed which caused the operating pressure to exceed 110% of the MAOP

Discovery Circumstances: Pump Station 1 experienced a pressure spike in portions of the WOA metering and 24" prover piping

Significant Effects on Safety: NONE

Corrective Action Taken: Pump Station 1 control room operator immediately aborted the prover cycle which returned the instruments and flow conditions back to normal in less than 5 minutes

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: modified local procedures to prevent recurrence and considering additional actions

To Begin:

To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 03/26/1998 Region: Western
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lea Coleman
Date: 03/26/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/20/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: COMPUTER MODEL SHOWED MOP DID NOT EXCEED 110
PERCENT.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS BE CLOSED HADDOW/STRAWN

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980010 Condition Number(s): 1
Operator Name: KOCH PIPELINE COMPANY, L.P. OPID: 22855
Street Address: P.O. Box 29
City: Medford State: OK ZIP: 73759

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 04/01/1998 Date Received: 04/02/1998
Reporting Official's Name: Jerry Rogers
 Title: Regulations, Health & Safety Phone: 5803952377
Determining Person's Name: Roger Floyd
 Title: Manager of Pipeline Integrity Phone: 5803952377
Date condition Determined to Exist: 03/26/1998
Condition Location: City: Snyder State: TX

Specific Location: MP 80

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NGL-Demethanized Raw

Description of Condition: generalized corrosion on pipeline

Discovery Circumstances: during excavation of maintenance activity

Significant Effects on Safety: NONE

Corrective Action Taken: reduction in pressure and replacement of pipe

Shutdown: NO

Date Action Taken: 03/30/1998

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By: 04/08/1998

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 04/06/1998 Region: Southwes

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lea Coleman

Date: 04/07/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/04/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: SW region personnel discussed SRC report with Koch personnel, Jerry Rogers & Roger Floyed.
Koch will continue to Smart Pig this line.
Riview of Final Smart Pig data and repairs should be reviewed upon next OPS standard inspection of this unit.

Action Taken By Operator: Koch reduced thier operating pressure and then proceeded to replace about 4000' of pipe. Section in question contained several anomalies according to pig data. Koch decided to replace this section with new pipe and then evaluate the individual sections to confirm pig data.

Date Repair Completed: 04/08/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Remaining pig data results should be reviewed during next standard inspection. The data is for Koch's Chapparal system from west of Hobbs New Mexico to Mt. Belvieu, TX.

Prepared by: Jaime A. Hernandez

Reviewed by: Jaime A. Hernandez
Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980011 Condition Number(s): 1
Operator Name: Alyeska Pipeline OPID:
Street Address: 1835 South Bragaw Street
City: Anchorage State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 04/20/1998 Date Received: 04/21/1998
Reporting Official's Name: Lee C. Jones
Title: Sr. Vice President Phone: 9074569417
Determining Person's Name: Bill Flanders
Title: Phone: 9072658106
Date condition Determined to Exist: 04/13/1998
Condition Location: City: North of Pump Station 2 State: AK

Specific Location: Trans-Alaska Pipeline, Pipeline Milepost 53.48
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: crude oil

Description of Condition: general exterior corrosion was approximately 9'x2',
general longitudinal wall loss was detected at the
bottom of this section of pipe and around a girth
weld.

Discovery Circumstances: excavation was performed at this location as a
result of instrument pig data

Significant Effects on Safety: NONE

Corrective Action Taken: the MAOP of the segment of pipe was derated to 887
psig, exterior corrosion has been stopped by
recoating additional cathodic protection in the form
of anodes has been installed

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: pipe will continue to be monitored
through future pig runs, corrosion
investigations and surveys

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): region

Date Sent To Region: 04/21/1998 Region: Western

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lea Coleman

Date: 04/21/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/20/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: DERATED PIPELINE SEGMENT TO 887PSIG RECOATED
PIPELINE AND INSTALLED ANODES.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: THIS CAN NOW BE CLOSED HADDOW/STRAWN

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980012 Condition Number(s): 6
Operator Name: Northern Natural Gas Company OPID:
Street Address: P.O. Box 1188
City: Houston State: TX ZIP: 77251-1188

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/24/1998 Date Received: 04/24/1998
Reporting Official's Name: Al Vandarwarka
Title: Sr. O&M Technician Phone: 4024944271
Determining Person's Name: Al Vandarwarka
Title: Sr. O&M Technician Phone: 4024944271
Date condition Determined to Exist: 04/21/1998
Condition Location: City: South Sioux City State: NE

Specific Location: State Highway 32, Sec 22, T21N, R10E
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: natural gas

Description of Condition: leak detected during routine vent leak survey using
FI equipment

Discovery Circumstances: gas detected at very low level in casing vent at
edge of road ROW

Significant Effects on Safety: NONE

Corrective Action Taken: road crossing will be replaced within 30-60 days

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Reg/Sta
Date Sent To Region: 04/27/1998 Region: Central
Date Sent To State: 04/27/1998 State/Agency: IA
OPS Representative: Linda Daugherty/Lea Coleman
Date: 04/28/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/23/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Called Al Vandarwarka at Northern (402-494-4271)
ext. 15 to obtain a status report on resolution
of safety related condition as of 6/23/98.

Action Taken By Operator: Carrier pipe was replaced and tied in by 6/1/98.
Replacement was 200' + or -, x42, 6.625" OD, .156"
wt; and transition Grade B (35,000), 4.5" OD, .156"
wt. Pipe was tested at site.

Date Repair Completed: 06/01/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: See text of # 980012 Follow-up Report form. Leak at road crossing of
State Highway 32 repaired. Recommend Safety-Related Condition Report be
closed!

Prepared by: C. Benson Dushane

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980013 Condition Number(s): 1
Operator Name: Tosco Pipeline Co OPID:
Street Address: 9645 Santa Fe Springs Road
City: Santa Fe Springs State: CA ZIP: 90670-0628

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 05/11/1998 Date Received: 05/11/1998
Reporting Official's Name: Scott Dunbar
Title: Corrosion Control Supervisor Phone: 5629067585
Determining Person's Name: Scott Dunbar
Title: Corrosion Control Supervisor Phone: 5629067585
Date condition Determined to Exist: 05/03/1998
Condition Location: City: Carson State: CA

Specific Location: 1000 Block of Victoira Street
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: crude oil

Description of Condition: numerous pits and a 2-3 foot long area of underdeposit corrosion were found at the bottom of the pipeline

Discovery Circumstances: condition was discovered upon inspection of the pup

Significant Effects on Safety: NONE

Corrective Action Taken: repair to the line by welding in a new pup

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: line being abandoned due to proposed development of the oil lease property

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REG/STA
Date Sent To Region: 05/14/1998 Region: Western
Date Sent To State: 05/14/1998 State/Agency: CASFM
OPS Representative: Linda Daugherty/Lea Coleman
Date: 05/15/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/27/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: INVESTAGATED BY WESTERN REGION OPS

Action Taken By Operator: REPAIRED BY WELDING IN A NEW PUP.HYDROTESTED TO
243PSI. DERATED MAOP TO 200PSI. RESET OVER-PRESSURE
SAFETY VALVE TO REFLECT NEW MAOP.

Date Repair Completed: 05/07/1998

Resulted in Incidents After Report: NO

Date of Incident: 03/25/1998

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS BE CLOSED

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980014 Condition Number(s): 8
Operator Name: Public Service Co. of Colorado OPID:
Street Address: 550 15th Street, Room 521
City: Denver State: CO ZIP: 80202

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 05/22/1998 Date Received: 05/26/1998
Reporting Official's Name: Charles H. Becker
Title: Dir., Gas Del. Systems Eng. Phone: 3035717020
Determining Person's Name: Bill
Title: Mgr., Gas Operations Eng Phone: 3035713946
Date condition Determined to Exist: 05/15/1998
Condition Location: City: Lakewood State: CO

Specific Location: 16295 & 16335 W. Bayaud Drive
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: natural gas

Description of Condition: ground movement occurred in the roadway in which an 8" transmission line and a 3" polyethylene distribution main are located

Discovery Circumstances: county officials notified the Company of the ground movement

Significant Effects on Safety: pipelines could fall if movement continues

Corrective Action Taken: service lines have been exposed at both the tap and the riser, service risers have been disconnected from the foundation and a flex conductor installed

Reduced Pressure From (PSI): 260 to (PSI): 115

Shutdown: YES

Date Action Taken: 05/11/1998

Planned Follow-Up/Corrective Action: continue to monitor situation

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REG/STA

Date Sent To Region: 05/26/1998 Region: Western

Date Sent To State: 05/26/1998 State/Agency: COPUC

OPS Representative: Linda Daugherty/Lea Coleman

Date: 05/26/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/30/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: WESTERN REIGON AND COPUC INVESTAGATED.

Action Taken By Operator: POLYETHYLENE PIPELINE WAS REPLACED WITH A STEEL
PIPELINE

Date Repair Completed: 06/19/1998

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND CASE BE CLOSED.

Prepared by: HADDOW

Reviewed by: Robertson

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980015 Condition Number(s): 4
Operator Name: Calnev Pipe Line Company OPID:
Street Address: 348 West Hospitality Lane, Ste 100
City: San Bernardino State: CA ZIP: 92408

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/01/1998 Date Received: 06/01/1998

Reporting Official's Name: David Andries
Title: Sr. Project Engineer Phone: 9098887771

Determining Person's Name:
Title: Phone:

Date condition Determined to Exist: 05/27/1998
Condition Location: City: Las Vegas State: NV

Specific Location: South of Charleston Blvd
Occurred on Outer Continental Shelf: NO

Reason for Reporting:
4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: liquid
Description of Condition: 28% metal loss, 0.67" x 0.98" length x width
Discovery Circumstances: mill defect indicated on smart pig run
Significant Effects on Safety: NONE
Corrective Action Taken: repair sleeve installed

Shutdown: NOT REPORTED
Date Action Taken:
Planned Follow-Up/Corrective Action: additional investigation to map out length of defect

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 06/02/1998 Region: Western
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lea Coleman
Date: 06/02/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/21/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CONTACTED CALNEV'S DAVE ANDRIES ON 1/20/99 TO DISCUSS. HE SAID THEY REPLACED THIS SECTION OF PIPE ON 6/12/98.

Action Taken By Operator: REPLACED WHOLE JOINT OF PIPE ON 6/12/98.

Date Repair Completed: 01/01/0629

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: OPERATOR COMPLETED REPAIRS ON 6/12/98. RECOMMEND TO CLOSE THIS SRCR.

Prepared by: KATCHMAR

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980016 Condition Number(s): 2
Operator Name: The Gas Company OPID:
Street Address: 555 W. Fifth Street
City: Los Angeles State: CA ZIP: 900131011

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/27/1998 Date Received: 06/12/1998
Reporting Official's Name: Todd Sostek
Title: Environ & Safety Manager Phone: 2132445870
Determining Person's Name: Odell Buchana
Title: District Pipeline Manager Phone: 8056817927
Date condition Determined to Exist: 04/21/1998
Condition Location: City: Ventura County State: CA

Specific Location: Forest Road 7Nov04A Private right of way
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: natural gas

Description of Condition: erosion from heavy rains exposed a 100 foot section

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: negotiations with ARCO are under way regarding repair of this condition

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Sta/Reg
Date Sent To Region: 06/12/1998 Region: Western
Date Sent To State: 06/12/1998 State/Agency: CA PUC
OPS Representative: Linda Daugherty/Lea Coleman
Date: 06/12/1998

Report ID: 980017 Condition Number(s): 1
Operator Name: Colonial Pipeline Company OPID:
Street Address: 945 East Paces Ferry Road
City: Atlanta State: GA ZIP: 30326

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 06/29/1998 Date Received: 06/29/1998
Reporting Official's Name: James A. Cox
Title: Codes & Standards Leader Phone: 4048412296
Determining Person's Name: Dale Lum
Title: Project Inspector Phone: 6078458747
Date condition Determined to Exist: 06/23/1998
Condition Location: City: West Deptford State: NJ

Specific Location: Gloucester County, Woodbury Jct.
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Hazardous Liquid

Description of Condition: an inspection of a Dynatrol connection on the No. 3 pipeline on the suction side of Woddbury Juction revealed a 7" x 6 1/4" inch area of corrosion

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: maximum operating pressure on the pipeline was limited to approximately 378 psig and the segment containing corrosion scheduled for replacement

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 06/29/1998 Region: Eastern
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lea Coleman
Date: 06/29/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/10/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: COLONIAL IS NOW PLANNING TO COORDINATE CUTPUT WITH

WORK ALSO OCCURING IN TEH RESTON, VA AREA TO
MINIMIZE SCHEDULE DISRUPTIONS. NEW PLANNED DATE FOR
CUTOUT IS OCT 05

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: BYRON COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/09/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: visit site to examine extent of corrosion,
operator's measurements OK; witness excavation
of well and application of 2' sleeve

Action Taken By Operator: excavate site, apply 2' sleeve as temporary measure,
pressure reduction to remain in affect until cutout
planned for Aug-98

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: BYRON COY

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980018 Condition Number(s): 1
Operator Name: Exxon Pipeline Company OPID:
Street Address: 800 Bell Street, Suite 705
City: Houston State: TX ZIP: 77002

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 07/02/1998 Date Received: 07/01/1998
Reporting Official's Name: Bruce E. Ference
Title: Operations Manager Phone: 7136562227
Determining Person's Name: Daniel G. Hrachovy
Title: Operations Support Coordinator Phone: 7136562960
Date condition Determined to Exist: 06/25/1998
Condition Location: City: South Marsh Island 69B State:

Specific Location: Offshore

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: crude oil

Description of Condition: localized corrosion on long radius elbow fitting

Discovery Circumstances: Visual inspection of the platform piping revealed localized corrosion. The spot was x-rayed, determining that 0.272 inch wall remained on the 0.500 inch wall fitting. x-rayed, determining that 0.272 inch wall remained on the 0.500 inch wall fitting

Significant Effects on Safety: NONE

Corrective Action Taken: maop was reduced from 2160 psi to 1294 psi. The control center high-high alarm was reduced to 1150 psi and 4" flex-flow protection re-calibrated to relieve at 1100 psi.

Reduced Pressure From (PSI): 2160 to (PSI): 1294

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: A full pressure containing clamp will be installed by 7/5/98 and permanent repairs will be made by replacing that fitting

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 07/01/1998 Region: Southwes

Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lea Coleman
Date: 07/07/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/10/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: Operator completed permanent repairs February 3,
1999.

Date Repair Completed: 02/03/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Close SRC 980018

Prepared by: Larry Atwell

Reviewed by: Larry Atwell
Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/18/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Discussed with Exxon plans for temporary and permanent repair of 8-inch diameter long radius weld ell of reduced wall thickness due to localized corrosion. Ell located on South Marsh Island 69B Platform.

Action Taken By Operator: Exxon reduced MOP, high-high alarms and pressure relief valves set points. Temporary repairs to be installation of full encirclement clamp. Permanent repairs will be replacement of weld ell all within 30 days. Permanent repair delayed due to weather and completed on February 3, 1999.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident: 06/25/1998

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Called 8/24/98--Permanent repairs delayed due to weather in Gulf.

Pre-fabrication work onshore has been completed. All permanent repairs completed february 3, 1999.

Prepared by: Larry Atwell

Reviewed by: Larry Atwell

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980019 Condition Number(s): 1
Operator Name: Columbia Gas Transmission Corporation OPID:
Street Address: 1700 MacCorkle Ave., SW P.O. Box 1273
City: Charleston State: WV ZIP: 253251273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 07/23/1998 Date Received: 07/23/1998
Reporting Official's Name: Steven P. Burnley
Title: Sr. Engineer, Pipeline Safety Phone: 3043573575
Determining Person's Name: Robert Hawk
Title: Engineer Operations Phone: 7242232767
Date condition Determined to Exist: 07/22/1998
Condition Location: City: Greene & Washington State: PA

Specific Location: NOT REPORTED

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Results from an instrumented pig run indicate anomalies along the length. Analysis, physical inspection and verification will result in a reduction in MAOP of 20 percent

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: further reduction of the of the MAOP to 736 psig

Reduced Pressure From (PSI): 920 to (PSI): 765

Shutdown: NO

Date Action Taken: 07/23/1998

Planned Follow-Up/Corrective Action: begin a two year restoration and rehabilitation project to repair or replace all MAOP reducing anomalies

To Begin: 07/23/1998 To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 07/24/1998 Region: Eastern

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lea Coleman

Date: 07/24/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/07/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: Plan to conduct field inspection of the Northern Section in March 99.

Action Taken By Operator: Estimated close to 12000 ft pipe replacement for the Southern section (old pipe: 20", 0.375" WT, grade B, seamless, most bare, spot coated, installed in 1947). New pipe: 20", X65, 0.312" WT, ERW, fusion bonded coating. Northern portion close to 10,000 feet pipe replacement in March 1999.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Update 2/1/1999.

Prepared by: Phillip Nguyen

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980020 Condition Number(s): 4
Operator Name: Consumers Energy OPID:
Street Address: 212 West Michigan Avenue
City: Jackson State: MI ZIP: 48722

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 08/04/1998 Date Received: 08/05/1998
Reporting Official's Name: K.L. Elenbaas
Title: Gas Operations Tech Support Phone: 5177880635
Determining Person's Name: R.R. Zook
Title: Principal Field Leader Phone: 5177915746
Date condition Determined to Exist: 07/31/1998
Condition Location: City: Bridgeport Township State: MI

Specific Location: Bridgeport-Akron Pipeline
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: natural gas

Description of Condition: dent and gouges in 12" high-pressure gas distribution pipeline

Discovery Circumstances: machine struck pipeline while excavating to install field tiles

Significant Effects on Safety: possible crack development and failure

Corrective Action Taken: pressure reduced to 120 psig

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: repair pipe with clock spring wrap

To Begin: 08/05/1998 To Be Completed By: 08/05/1998
Jurisdictional To (Region or State/Agency abbrev.): Reg/Sta
Date Sent To Region: 08/05/1998 Region: Central
Date Sent To State: 08/05/1998 State/Agency: MI
OPS Representative: Linda Daugherty/Lea Coleman
Date: 08/06/1998

Report ID: 980021 Condition Number(s): 2
Operator Name: Dome Pipeline Company OPID:
Street Address: 125 S Dubuque St., Suite 380
City: Iowa City State: IA ZIP: 52240

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/04/1998 Date Received: 08/05/1998
Reporting Official's Name: David D. Millage
Title: Manager NGL Operations Phone: 3193547722
Determining Person's Name: David MillageL
Title: Manager NGL Operations Phone: 3193547722
Date condition Determined to Exist: 07/29/1998
Condition Location: City: Mankato State: MN

Specific Location: Nicollet County
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: LPG

Description of Condition: lack of cover over the pipeline

Discovery Circumstances: found 12" HVL pipeline suspended at river crossing during five year navigable river inspection

Significant Effects on Safety: NONE

Corrective Action Taken: pipeline temporary shut in, diver inspection of pipe, removal of debris

Shutdown: NO

Date Action Taken: 07/27/1998

Planned Follow-Up/Corrective Action: concrete bag stabilization, installation of bendway weirs by Nov 1 and smart pig as soon as can be scheduled

To Begin: 08/10/1998 To Be Completed By: 11/01/1998
Jurisdictional To (Region or State/Agency abbrev.): Reg/Sta
Date Sent To Region: 08/05/1998 Region: Central
Date Sent To State: 08/05/1998 State/Agency: MN
OPS Representative: Linda Daugherty/Lea Coleman
Date: 08/06/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/09/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: OPS CENTRAL REGION REQUESTED MnOPS INVESTIGATE

SITUATION. BRAD ARDNER INVESTIGATED THE ACTIONS TAKEN BY THE OPERATOR.

Action Taken By Operator: AFTER THE SHUT IN, CALCULATIONS FOR STRESS PERFORMED, DEBRIS REMOVED, LINE SURVEY WAS COMPLETED, AND THE LINE PRESSURED FOR 12 HOURS WITHOUT LOSS, THE LINE WAS PUT BACK INTO OPERATION. GROUT AND CONCRETE BAGS WERE INSTALLED TO STABILIZE THE LINE. SCHEDULED INSTALLATION OF BENDWAY WEIRS IS 9/15/98. A SMARTPIG IS TO BE RUN FOR DETERMINATION OF INTEGRITY AS SOON AS ONE CAN BE SETUP. THIS FALL, MORE STABILIZATION WILL BE ADDED TO CHANGE THE SLOPE OF THE AREA FROM 3:1 TO 8:1.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: WAITING FOR COMPLETION OF PIGGING AND INSTALLATION OF THE BENDWAY WIERS.

Prepared by: WARREN MILLER

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/05/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: The state of Minnesota (MnOPS) will be inspecting the location of the navigable water crossing.

Action Taken By Operator: Dome determined during a navigable waterway inspection that a concrete jacket on 12-inch HVL pipeline was missing. The 12-inch pipeline shifted 16 inches downstream and was now in contact with a spare 10-inch pipeline in the same R-O-W. Dome proceeded to shut in the 12-inch pipeline. Calculations were made to determine if any unusual stresses were imposed on the pipeline. Ethane was moved into the affected pipeline and pressure was held for 12 hours. No significant pressure loss were noted. Grout and concrete bags were installed to stabilize the pipeline. Bandway weirs are scheduled to be installed in November. A smart pig run has also been planned.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: RICK GULSTAD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980022 Condition Number(s): 5
Operator Name: Alyeska Pipeline OPID:
Street Address: 1835 S. Bragaw Street, MS 542
City: Anchorage State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/12/1998 Date Received: 08/13/1998
Reporting Official's Name: Lee C. Jones
Title: Vice President Phone: 9074569417
Determining Person's Name: Kenneth Chrisman
Title: Sr. Hydraulics Engineer Phone: 9074595737
Date condition Determined to Exist: 08/05/1998
Condition Location: City: Trans-Alaska PL System State: AK

Specific Location: TAPS, south of Pump Station 9
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: crude oil

Description of Condition: Pipeline was overpressured due to operator error

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: pipeline controller took immediate action to shut down the entire pipeline, including pump station 9 and open the RGVs after the controller recognized the overpressure condition

Shutdown: YES

Date Action Taken: 08/05/1998

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 08/13/1998 Region: Western
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lea Coleman
Date: 08/13/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/13/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: OBSERVED BY OPS

Action Taken By Operator: INVESTIGATION BY ALYESKA FOUND PIPELINE
INTEGRITY

WAS NOT COMPROMISED.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS CASE BE CLOSED

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980023 Condition Number(s): 1
Operator Name: Alyeska Pipeline OPID:
Street Address: 1835 South Bragaw Street, MS 542
City: Anchorage State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/21/1998 Date Received: 08/21/1998
Reporting Official's Name: Lee C. Jones
Title: VP Fairbanks Business Unit Phone: 9074569417
Determining Person's Name: Wes Tomkins
Title: Sr. Hydraulics Engineer Phone: 9074569449
Date condition Determined to Exist: 08/17/1998
Condition Location: City: Pump Station 2 State: AK

Specific Location: Mainline By-pass just north of Valve M-1
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: crude oil

Description of Condition: general corrosion about 10 feet of corrosion with the deepest pit being 0.202 inches deep

Discovery Circumstances: inspection

Significant Effects on Safety: NONE

Corrective Action Taken: derating the line

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: They do not plan on repairing the line at this time

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 08/24/1998 Region: Western

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lea Coleman

Date: 08/24/1998

Report ID: 980024 Condition Number(s): 5
Operator Name: Exxon OPID:
Street Address: 3400 East 2nd Street
City: Benicia State: CA ZIP: 94510

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 08/27/1998 Date Received: 08/27/1998
Reporting Official's Name: L.D. Richey
Title: Sr. Inspector Phone: 7077457801
Determining Person's Name: C.F. Duggins
Title: Sections Supervisor Phone: 7077457566
Date condition Determined to Exist: 08/24/1998
Condition Location: City: Benicia State: CA

Specific Location: 1501 Bayshore Road
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: Crude Oil

Description of Condition: Overpressure of pipeline to 119% MAOP

Discovery Circumstances: Pipeline receipt in line meter seized during receipt causing disruption of flow. Pipeline pressure to 400 PSIG

Significant Effects on Safety: Line exceed 110% MAOP = 335 PSIG

Corrective Action Taken: Shutdown pipeline, meter bypass opened and line depressured, conducted helo flyover inspection

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: pull and clean meter and strainer, determine whether upstream strainer basket needs resizing to mitigate future meter seizures

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REG/STA

Date Sent To Region: 08/27/1998 Region: Western

Date Sent To State: 08/27/1998 State/Agency: CA/SFC

OPS Representative: Linda Daugherty/Lea Coleman
Date: 08/28/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/21/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CSFM HAS MONITORED THE SITUATION

Action Taken By Operator: BYPASSED IN-LINE METER

Date Repair Completed: 09/11/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: CSFM RECOMENDS CASE BE CLOSED

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/27/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: 1)SHUTDOWN PIPELINE 2)METER BYPASS OPENED AND
LINE

DEPRESSURED 3)CONDUCTED HELO FLYOVER INSPECTION

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: HADDOW

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980025 Condition Number(s): 1
Operator Name: Alyeska Pipeline OPID:
Street Address: 1835 South Bragaw Street, MS 542
City: Anchorage State: AK ZIP: 99512

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 08/03/1998 Date Received: 08/04/1998
Reporting Official's Name: Lee C. Jones
Title: Vice President Phone: 9074569417
Determining Person's Name: Larry Disbrow
Title: Sr. Corrosion Engineer Phone: 9074583588
Date condition Determined to Exist: 08/31/1998
Condition Location: City: Pump Station 4 State: AK

Specific Location: Pump Unit 4

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: crude oil

Description of Condition: general corrosion and pitting

Discovery Circumstances: results of inspection

Significant Effects on Safety: NONE

Corrective Action Taken: line segment has been derated from the original MAOP of 12000 to 1190 psi

Reduced Pressure From (PSI): 1200 to (PSI): 1190

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: no plans to repair line segment at this time

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 09/04/1998 Region: Western

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Lea Coleman

Date: 09/08/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/04/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: DERATED FROM 1200 TO 1190 (.005 INCH) WALL LOSS

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND CASE BE CLOSED

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980026 Condition Number(s): 6
Operator Name: Panhandle Eastern Pipe Line Company OPID:
Street Address: 5400 Westheimer Court
City: Houston State: TX ZIP: 772511642

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/18/1998 Date Received: 09/21/1998
Reporting Official's Name: David L. Berlin
Title: Tech. Operations Super Phone: 3166261308
Determining Person's Name: Bill Littrell
Title: Area Superintendent Phone: 9138375163
Date condition Determined to Exist: 09/15/1998
Condition Location: City: Lyon County State: KS

Specific Location: 3 Miles north of Olpe on Hwy 99
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Investigation of potential casing leak

Discovery Circumstances: detected 5000 ppm in casing vent

Significant Effects on Safety: NONE

Corrective Action Taken: replacement of carrier pipe

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 09/21/1998 Region: Central
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lea Coleman
Date: 09/22/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/01/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: Region contacted the operator on 9/25/98 to receive an update and the operator's plan of action. Follow-up contact made with the operator on 10/13/98 to learn the results of the plan of action.

Action Taken By Operator: The operator did periodic monitoring and lab analysis of the hydrocarbons detected in the casings at the Hwys 130 and 99 crossings. They removed the two sections of pipe at these two locations and installed new pipe. The casings are now clear of any hydrocarbon detection. Visual inspection of the removed pipe did not show any leak areas. The operator pressure tested the two sections of removed pipe. The tests were good and did not reveal any leaks. The operator does not plan any additional measures.

Date Repair Completed: 10/13/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Phil Archuletta

Reviewed by: Ivan A. Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980027 Condition Number(s): 6
Operator Name: ST Services OPID:
Street Address: P.O. Box 6064
City: Virginia Beach State: VA ZIP: 23456

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 09/17/1998 Date Received: 09/22/1998
Reporting Official's Name: Kenneth Seals
Title: Terminal Manager Phone: 7574271066
Determining Person's Name: Kenneth Seals
Title: Terminal Manager Phone: 7574271066
Date condition Determined to Exist: 09/12/1998
Condition Location: City: Virginia Beach State: VA

Specific Location: Dam Neck Road & Monet Drive
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: Hazardous Liq

Description of Condition: suspected leak due to a higher than normal pressure
drop in weekly pipeline pressure test

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: First step was to start at the receiving end and
secure mainline valves til the pressure stabilized

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Reg/Sta
Date Sent To Region: 09/22/1998 Region: Eastern
Date Sent To State: 09/22/1998 State/Agency: VACorCo
OPS Representative: Linda Daugherty/Lea Coleman
Date: 09/22/1998

Report ID: 980028 Condition Number(s): 5
Operator Name: Sun Company OPID:
Street Address: P.O. Box 426
City: Marcus Hook State: PA ZIP: 190610426

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 10/01/1998 Date Received: 10/06/1998
Reporting Official's Name: Michael H. Craley
Title: Technical Service Engineer Phone: 6108591211
Determining Person's Name: Michael H. Craley
Title: Technical Service Engineer Phone: 6108591211
Date condition Determined to Exist: 09/29/1998
Condition Location: City: Marcus Hook State: PA

Specific Location: Between Marcus Hook and Point Breeze Refineries
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: Gasoline

Description of Condition: A mainline valve at the Marcus Hook Refinery closed automatically while the Point Breeze Refinery continued to pump

Discovery Circumstances: Inter refinery pipeline exceeded it's 1200 PSIG MOP

Significant Effects on Safety: NONE

Corrective Action Taken: The line was immediately depressurized

Shutdown: YES

Date Action Taken: 09/29/1998

Planned Follow-Up/Corrective Action: NONE

To Begin: 09/29/1998 To Be Completed By: 10/30/1998
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 10/07/1998 Region: Eastern
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lea Coleman
Date: 10/07/1998

Report ID: 980029 Condition Number(s): 4
Operator Name: Pacific Gas & Electric Company OPID:
Street Address:
City: San Francisco State: CA ZIP: 94177

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 10/29/1998 Date Received: 10/30/1998
Reporting Official's Name: Shan Bhattacharya
Title: VP, Dist Engin and Planning Phone: 4159736998
Determining Person's Name: Jack Dendinger
Title: Superintendent, Local Gas Tran Phone: 9169237166
Date condition Determined to Exist: 10/23/1998
Condition Location: City: West Sacramento State: CA

Specific Location: I-80 at the east end of the Yolo Causeway, one quarter
mile west of West Capitol Avenue

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or
more SMYS (gas, liquid)

Product in Pipeline: gasoline

Description of Condition: The 12-inch line with a wall thickness of .3125" was
gouged to a depth of .180" by the contractor's
equipment

Discovery Circumstances: a contractor reported making contact with the
pipeline

Significant Effects on Safety: NONE

Corrective Action Taken: The pressue in the line was reduced from 500 psig to
60 psig then the section of line was isolated from
all sources of supply by closing valves

Reduced Pressure From (PSI): 500 to (PSI): 60

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: damaged section will be replaced

To Begin: 11/01/1998 To Be Completed By: 12/01/1998

Jurisdictional To (Region or State/Agency abbrev.): STA/REG

Date Sent To Region: 11/02/1998 Region: Western

Date Sent To State: 11/02/1998 State/Agency: CA/Fire

OPS Representative: Linda Daugherty/Lea Coleman

Date: 11/02/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/02/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

Action Taken By Operator: THE CONTRACTOR, TBI ENGINEERING OF LODI CALIFORNIA(209-339-8115) WAS DIGGING AROUND THE PIPELINE AND STRUCK AN ELBOW ON THE PIPE. PG&E REDUCED PRESSURE FROM 500 TO 60PSI THE ELBOW WILL BE REPLACED NOV.4 1998.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: HADDOW

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/02/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: REPAIRED AND HYDROTESTED MOP SET AT 1212PSI

Date Repair Completed: 01/01/0119

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by:

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980030 Condition Number(s): 1
Operator Name: Equitrans OPID:
Street Address: 3500 Park Lane
City: Pittsburgh State: PA ZIP: 152751102

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 11/06/1998 Date Received: 11/11/1998
Reporting Official's Name: Russell R. Evans
Title: Manager-Technical Operations Phone: 4125536573
Determining Person's Name: Charles L. Rankin
Title: Vice President-Gas Operations Phone: 4125537642
Date condition Determined to Exist: 11/04/1998
Condition Location: City: Robinson Township State: PA

Specific Location: McCormick Lane
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Pinpointed leak on 16" H-152 Transmission Line

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: A Dresser "Spril Repair Sleeve" was installed to eliminate leakage

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 11/12/1998 Region: Eastern
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Lea Coleman
Date: 11/12/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/19/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State:

Action Taken By Operator: On 12/10/98 about 100 ft pipe were replaced (same size, grade, wall thickness).

Date Repair Completed: 12/10/1998

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: Operator sent in letter to close.

Prepared by: Phillip Nguyen

Reviewed by: Phillip Nguyen
Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 11/13/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: additional details were obtained: pipe age 1952,
no other leaks known within vicinity. Class 2
location. No incident as a result of the leak.
Leak was reported by customer. Pipe specs:
16"OD, 0.375"WT, grade B. External corrosion
reported. Max. pit depth:0.25". depth is 0.25".
Temp. sleeve was applied.

Action Taken By Operator: Scheduled for pipe replacement to be completed at
end of 11/98.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Phillip Nguyen

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980031 Condition Number(s): 1
Operator Name: Columbia Gas Transmission Corporation OPID:
Street Address: 1700 MacCorkle Ave., SW P.O. Box 1273
City: Charleston State: WV ZIP: 253251273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 11/23/1998 Date Received: 11/23/1998

Reporting Official's Name: Steven P. Burnley

Title: Sr. Engineer, Pipeline Safety Phone: 3043573575

Determining Person's Name: Andrew Lake

Title: District Superintendent Phone: 6077210101

Date condition Determined to Exist: 11/16/1998

Condition Location: City: Warwick, Orange County State: NY

Specific Location: Intersection of West Ridge Road and Sleepy Valley Road
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: LEak caused by corrosion pitting and general wall thinning on the bottom of the pipe. The pipe is 10inch, 0.279 wall, Grade B, uncoated and cathodically protected.

Discovery Circumstances:

Significant Effects on Safety: A dwelling is located approximately 145 feet away from the site.

Corrective Action Taken: The site was continuously monitored until installation of the leak clamp on 11/15/98. Replaced 71 feet of pipe on 11/19/98.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: None.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 11/30/1998 Region: Eastern

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty/Catrina Pavlik

Date: 12/02/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/23/1998

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NY-PSC REVIEWING THE REMEDIAL ACTIONS BY
COLUMBIA

Action Taken By Operator: CORROSION PITTING AND GENERAL WALL THINNING OF
10-INCH UNCOATED, CATHODICALLY PROTECTED PIPE. LEAK
WS CONTINUOUSLY MONITORED AND CLAMP WAS INSTALLED
INITIALLY. SUBSEQUENTLY 71 FEET OF PIPE WAS
REPALCED.

Date Repair Completed: 11/19/1998

Resulted in Incidents After Report: NO

Date of Incident: 11/14/1998

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980032 Condition Number(s): 5
Operator Name: Williams Natural Gas Company OPID:
Street Address: P.O. Box 3288
City: Tulsa State: OK ZIP: 74101

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 11/30/1998 Date Received: 11/30/1998

Reporting Official's Name: Joe Freisberg
Title: Sr. Coordinator Phone: 9185884193

Determining Person's Name: Randy Jankowski

Title: Phone:

Date condition Determined to Exist: 11/23/1998

Condition Location: City: Blackwell State: OK

Specific Location: 1600 N. 13th Street

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: Natural Gas

Description of Condition: Overpressure of Line ME 0 Cotton Valley 16-inch.

During a shut-out at Blackwell Station, GV18 was not closed resulting in overpressure of the line. The MAOP is 500 psi; the high pressure recorded was 621 psi.

Discovery Circumstances: The pressure on Line ME was noticed to be over 600 psi and rising. Blackwell station began blowing the line down through a blow off and looked for the open gate vavle in the station yard. The blow off was shut in when pressure decreased below 500 psi. line down

Significant Effects on Safety: Line ME is all Class 1.

Corrective Action Taken: The line was walked from Blackwell Station to the Arkansas River. (20.7 miles). No leaks or abnormalities were detected.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: None.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 11/30/1998 Region: Southwes
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty/Catrina Pavlik
Date: 11/30/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/28/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: tALKED TO THE OPERATOR TO DETERMINE CUASE &
DETAILS

Action Taken By Operator: PIPELINE RIGHT-OF-WAY WAS FOOT PATROLLED, LINE IS
AIR PATROLLED TWICE PER MONTH. PIPELINE IS IN THE
r.o.w OF SEVERAL PAVED ROADS. CALCULATIONS SHOW THAT
AT A PRESSURE OF 621PSIG THE VARIOUS SECTIONS OF
LINE ME ARE STRESSED 32% AND 65% OF SMYS.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident: 11/19/1998

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: SRCR FILED BECAUSE THE PIPELINE WAS IN THE R.O.W. OF PAVED ROADS,
HIGHWAYS AND OPERATING RAILROADS.

Prepared by: BOB HOLTER

Reviewed by: R.M. SEELEY

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980033 Condition Number(s): 9
Operator Name: Tosco Distribution Company OPID:
Street Address: 3220 S. Higuera Street, Suite 101
City: San Luis Obispo, State: CA ZIP: 93401

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 12/15/1998 Date Received: 12/15/1998
Reporting Official's Name: Peter L. Schnieders
Title: Manager Northern Pipeline Phone: 8055477200
Determining Person's Name: Scott Dunbar
Title: Senior Pipeline Engineer Phone: 8055477259
Date condition Determined to Exist: 12/15/1998
Condition Location: City: 4 locations State: CA

Specific Location: 4 locations between Santa Maria and Arroyo Grande
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

9. Other:

Product in Pipeline: crude oil

Description of Condition: 4 anomalies with a ERF of greater than or equal to
1.00 RSTRENG. The specific nature of the anomalies
has not yet been determined.

Discovery Circumstances: A high resolution internal inspection of the Santa
Maria - Summitt 10"/12" Pipeline was conducted on
October 8, 1998.

Significant Effects on Safety: One anomaly is within 220 yards of a road.

Corrective Action Taken: The MOP will be lowered to compensate for the great-
est anomaly, which will be repaired first. As the
anomalies are repaired, based on severity, the MOP
will be increased.

Reduced Pressure From (PSI): 800

Shutdown: NO

Date Action Taken: 12/15/1998

Planned Follow-Up/Corrective Action: Each of the anomalies will be repaired
according to severity and the MOP raised
accordingly.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): CASFM

Date Sent To Region: 12/16/1998 Region: Western

Date Sent To State: 12/16/1998 State/Agency: CASFM

OPS Representative: Linda Daugherty
Date: 12/16/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/28/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CASFM INVESTAGATED AND FOLLOWED THIS CASE

Action Taken By Operator: REPAIRED FOUR ANOMALIES FOUND BY SMART PIG

Date Repair Completed: 01/28/1999

Resulted in Incidents After Report: NO

Date of Incident: 12/15/1998

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: REPAIRS COMPLETED RECOMEND CASE BE CLOSED

Prepared by: HADDOW

Reviewed by: ROBERTSON

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 980034 Condition Number(s): 1
Operator Name: Columbia Gas Transmission Corporation OPID:
Street Address: 1700 MacCorkle Ave., SW P.O. Box 1273
City: Charleston State: WV ZIP: 253251273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 12/18/1998 Date Received: 12/18/1998
Reporting Official's Name: Steven P. Burnley
Title: Sr. Engineer, Pipeline Safety Phone: 3043573575
Determining Person's Name: Andrew Lake
Title: District Superintendent Phone: 6077210101
Date condition Determined to Exist: 12/16/1998
Condition Location: City: Village of Port Dickinson State: NY

Specific Location: NOT REPORTED

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Leak caused by corrosion pitting. The pipe is 12", 0.281 wall, grade B, uncoated and cathodically protected. A dwelling is within approx. 200 feet.

Discovery Circumstances:

Significant Effects on Safety: A dwelling is within approximately 200 feet.

Corrective Action Taken: Upon discovery, leak clamps were installed. The pipe-line was later taken out of service and the leak areas and adjacent piping were sandblasted and evaluated. As a result, 30 feet of piping were replaced.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: None.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): NYPSC

Date Sent To Region: 12/21/1998 Region: Eastern

Date Sent To State: 12/21/1998 State/Agency: NYPSC

OPS Representative: Linda Daugherty

Date: 12/21/1998

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 12/23/1998

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: NY-PSC INSPECTOR REVIEWED THE REMEDIAL ACTION
BY

COLUMBIA

Action Taken By Operator: INITIALLY LEAK CLAMPS WERE INSTALLED TO TAKE
CARE

OF CORROSION LEAK; PIPELINE WAS TAKEN OUT OF SERVICE
AND EXPOSED, ADJACENT AREA WAS SANDBLASTED AND
EVALUATED. AS A RESULT 30 FT .OF 12-INCH DIA PIPE
WAS REPLACED.TIE-INS WERE COMPLETED

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident: 12/16/1998

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: NO FURTHER ACTION NEEDED. SRCR CLOSURE RECOMMENDED

Prepared by: DINO N. RATHOD

Reviewed by: Phillip Nguyen

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990001 Condition Number(s): 5
Operator Name: Oklahoma Natural Gas OPID:
Street Address: 100 West Fifth
City: Tulsa State: OK ZIP: 74102

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/08/1999 Date Received: 01/08/1999
Reporting Official's Name: Robert F. Smith
 Title: Chief Engineer Phone: 9185887350
Determining Person's Name: David E. Wood
 Title: Regional Manager Phone: 4055566438
Date condition Determined to Exist: 01/08/1999
Condition Location: City: Near Edmond State: OK

Specific Location: NOT REPORTED

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: 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.

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).

Significant Effects on Safety: Possibly exceeding design criteria of PE pipeline and associated fittings.

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.

Shutdown: NO

Date Action Taken:

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.

To Begin: 01/08/1999 To Be Completed By: 07/08/1999
Jurisdictional To (Region or State/Agency abbrev.): OKCC
Date Sent To Region: 01/13/1999 Region: SOUTHWES
Date Sent To State: 01/13/1999 State/Agency: OKCC
OPS Representative: Linda Daugherty
Date: 01/13/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/29/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 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 manufacture 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 leak 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.

Date Repair Completed: 06/01/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: This is an intrastate operator. The Oklahoma Corporation Commission has this information in their files.

Prepared by: OCC/T. Binns

Reviewed by: R. M. Seeley

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/20/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: 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 were necessary.

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: This is an intrastate operator. OCC has information in their files.

Prepared by: OCC/T. Binns

Reviewed by: R. M. Seeley

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/22/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: 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 Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: OPERATOR WILL BE CITED BY THE OCC FOR EXCEEDING THEIR MAOP. AT THIS

POINT, IT APPEARS THAT THEY WILL ONLY ISSUE A WARNING LETTER.

OVERPRESSURE OF THE SYSTEM WAS CAUSED BY A MALFUNCTION OF EQUIPMENT WHICH

ALLOWED THE WORKING REGULATOR AND MONITOR REGULATOR PILOTS TO FREEZE. A

REVIEW OF THE INSPECTION AND MAINTENANCE RECORDS REVEALED NO PROBLEMS.

Prepared by: DENNIS FOTHERGILL/T. BINNS

Reviewed by: R. M. SEELEY

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990002 Condition Number(s): 5
Operator Name: Southern Indiana Gas and Electric Company OPID:
Street Address: 20 N.W. Fourth Street
City: Evansville State: IN ZIP: 47741

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/07/1999 Date Received: 01/08/1999
Reporting Official's Name: David Hodges
Title: Sup-Gas Meter Ops&System Contr Phone: 8124644618
Determining Person's Name: David Hodges
Title: Sup-Gas Meter Ops&System Contr Phone: 8124644618
Date condition Determined to Exist: 12/29/1998
Condition Location: City: Evansville State: IN

Specific Location: Old Boonville Hwy Gas Regulator Station
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: 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.

Discovery Circumstances: SCADA differential alarm alerted personnel to over-pressure situation.

Significant Effects on Safety: Potential overpressure of downstream piping.
Corrective Action Taken: The cracked pilot seat and both the feed and monitor diaphragms were replaced.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: Damaged parts will be analyzed and new Fischer Controls diaphragm replacement kit for 399 regulators will be installed.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): IRUC
Date Sent To Region: 01/13/1999 Region: CENTRAL

Date Sent To State: 01/13/1999 State/Agency: IRUC
OPS Representative: Linda Daugherty
Date: 01/13/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/20/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 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 run down 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 Completed: 12/15/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Since the Company repaired the condition the next day, this is not a safety related condition. The company chose to submit it anyway.

Prepared by: Hans Shieh

Reviewed by: Ivan Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990003 Condition Number(s): 5
Operator Name: Southern Indiana Gas and Electric Company OPID:
Street Address: 20 N.W. Fourth Street
City: Evansville State: IN ZIP: 47741

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 01/07/1999 Date Received: 01/08/1999
Reporting Official's Name: David Hodges
Title: Sup-Gas Meter Ops&System Contr Phone: 8124644618
Determining Person's Name: David Hodges
Title: Sup-Gas Meter Ops&System Contr Phone: 8124644618
Date condition Determined to Exist: 12/29/1998
Condition Location: City: Mt. Vernon State: IN

Specific Location: Black Chapel Gas Regulator Station
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: Natural gas

Description of Condition: The pilot vents on the feed and monitor regulators were completely block by ice. Overpressure of piping to 100 psig (MAOP 60 psig)

Discovery Circumstances: Gas control noted high pressure alarm at regulator

Significant Effects on Safety: Overpressure of piping may result in dangerous leaks and pipeline failure.

Corrective Action Taken: The pilot vents were thawed and system returned to operation. The company has installed larger non-Fischer vents on one regulator.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: The area will be leak surveyed after the frozen ground thaws.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): IRUC
Date Sent To Region: 01/13/1999 Region: CENTRAL
Date Sent To State: 01/13/1999 State/Agency: IRUC

OPS Representative: Linda Daugherty
Date: 01/13/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 01/20/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 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 Completed: 12/22/1998

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken: NO

Case Opened (Federal case identification number *)

Notes: Since the Company repaired the condition by the next day, technically this is not a safety related condition. The company chose to submit it anyway.

Prepared by: Hans Shieh

Reviewed by: Ivan Huntoon

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990004 Condition Number(s): 1
Operator Name: Columbia Gas Transmission Corporation OPID:
Street Address: 1700 MacCorkle Ave., SW P.O. Box 1273
City: Charleston State: WV ZIP: 253251273

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 01/12/1999 Date Received: 01/12/1999
Reporting Official's Name: John S. Zurcher
 Title: Manager, Pipeline Safety Phone: 3043572669
Determining Person's Name: Andrew Lake
 Title: District Superintendent Phone: 6077210101
Date condition Determined to Exist: 01/07/1999
Condition Location: City: Warwick State: NY

Specific Location: Warwick, Orange County
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: 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.

Discovery Circumstances:

Significant Effects on Safety: A dwelling is within approximately 340 feet from the site.

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.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: None planned.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): NYPSC
Date Sent To Region: 01/13/1999 Region: Eastern
Date Sent To State: 01/13/1999 State/Agency: NYPSC
OPS Representative: Linda Daugherty
 Date: 01/13/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 07/02/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NY-PSC INSEPECTORS REVIEWING THE REMEDIAL WORK.

Action Taken By Operator: SAMPLES WERE COLLECTED FOR ANALYSIS. PRESENCE OF

SULFUR REDUCING BACTERIA WAS OBSERVED BUT NO ACID PROCUCING BACTERIA. GENERAL CORROSION WAS DICOVERED AT THE BOTTOM OF PIPE.

Date Repair Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/01/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: OPS/NY-PSC IS CURRENTLY REVIEWING INFORMATION
SUBMITTED BY COLUMBIA(LONG TERM REMEDIATIONS
AND VERIFICATION PLANS).

Action Taken By Operator: 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 Completed:

Resulted in Incidents After Report:

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 02/23/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: NY-PSC MONITORED THE REMEDIAL WORK(REPLACEMENT

OF 9 FT. OF PIPE). NY-PSC AWAITING METALLURGICAL REPORT ANALYSIS FROM COLUMBIA.

Action Taken By Operator: PIPE CLAMP WAS INSTALLED; SUBSEQUENTLY 28 FT. WAS 10-INCH DIA PIPE WAS REPLACED WITH 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 Completed: 01/09/1999

Resulted in Incidents After Report: YES

Date of Incident: 01/07/1999

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: OPS/NY-PSC AWAITING SUBMITTAL OF METALLURGICAL REPORT AND REMEDIAL MEASURES.

Prepared by: DINO N. RATHOD

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990005 Condition Number(s): 5
Operator Name: Sinclair Pipeline Company OPID:
Street Address: 550 East South Temple
City: Salt Lake City State: UT ZIP: 84102

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 01/25/1999 Date Received: 01/25/1999
Reporting Official's Name: Don K. Neuwerth
Title: District Manager Phone: 3073283549
Determining Person's Name: Don K. Neuwerth
Title: District Manager Phone: 3073283549
Date condition Determined to Exist: 01/16/1999
Condition Location: City: Sinclair - ??? State: WY

Specific Location: Receiving meter run at the Sinclair Station located
"North of Refinery" Sinclair, WY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: 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.

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.

Significant Effects on Safety: Not identified by Sinclair.

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.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: Installation of a relief valve and tank
at the station.

To Begin: 01/25/1999 To Be Completed By: 02/25/1999
Jurisdictional To (Region or State/Agency abbrev.): Western
Date Sent To Region: 01/26/1999 Region: Western
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty
Date: 01/25/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/25/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 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 Completed: 03/25/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS BE CLOSED.

Prepared by: HADDOW

Reviewed by: KATCHMAR

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990006 Condition Number(s): 1
Operator Name: Tosco Pipeline Co OPID:
Street Address: P.O. Box 661
City: San Luis Obispo State: CA ZIP: 93406

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 02/17/1999 Date Received: 02/23/1999
Reporting Official's Name: Peter L. Schnieders
Title: Manager Northern Pipeline Phone: 8055477200
Determining Person's Name: Chuck Harris
Title: Data Analyst Phone: 2814428282
Date condition Determined to Exist: 02/12/1999
Condition Location: City: San Luis Obispo County State: CA

Specific Location: North Bound land of Hwy 101 on the north side of Cuesta
Grade (nearest road: Tassajara Creek Road)

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: 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.

Discovery Circumstances: Identified by high resolution internal inspection.

Significant Effects on Safety: The anomaly is located in a cased crossing of highway 101. The pipeline is currently idle.

Corrective Action Taken: Tosco will repair the anomaly as soon as possible after obtaining necessary permits.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: If the line returns to service before repair can be made, pressure will be reduced as required.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): CASFM

Date Sent To Region: 03/15/1999 Region: Western

Date Sent To State: 03/18/1999 State/Agency: CASFM

OPS Representative: Linda Daugherty

Date: 03/18/1999

Report ID: 990007 Condition Number(s): 5
Operator Name: EXXON COMPANY, USA, REFINING DEPARTMENT OPID:
Street Address: P. O. Box 551
City: BATON ROUGE State: LA ZIP: 70821-0551

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 02/19/1999 Date Received: 02/26/1999
Reporting Official's Name: Shawn A. Wentz
Title: Section Supervisory, Zone II Phone: 5043594406
Determining Person's Name: Grayson Fleming
Title: Feed Controller Phone: 2253597698
Date condition Determined to Exist: 02/12/1999
Condition Location: City: BATON ROUGE State: LA

Specific Location: Anchorage Tank Farm, #2 ATF Crude System on 4045 Scenic Highway.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: 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.

Discovery Circumstances: Alarm sounded on Honeywell TDC - 3000 process control computer.

Significant Effects on Safety: The pipeline is in the R-O-W of an active highway and railroad. A release would have likely entered the Mississippi River.

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.

Shutdown: NOT REPORTED

Date Action Taken: 02/12/1999

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.

To Begin: 02/12/1999 To Be Completed By: 06/01/1999
Jurisdictional To (Region or State/Agency abbrev.): LA DNR
Date Sent To Region: 03/15/1999 Region: SOUTHWES
Date Sent To State: 03/18/1999 State/Agency: LA DNR
OPS Representative: Linda Daugherty
Date: 02/18/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/26/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 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 Completed: 02/12/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: OPERATOR IS IN THE PROCESS OF UP-RATING ALL PIPELINES TO A HIGHER MOP.

Prepared by: DANA ARABIE/T. BINNS

Reviewed by: R.M. SEELEY

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990008 Condition Number(s): 8
Operator Name: COLONIAL PIPELINE CO. OPID: 2552
Street Address: 945 East Paces Ferry Road P.O. Box 18855
City: ATLANTA State: GA ZIP: 30326

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 02/23/1999 Date Received: 02/23/1999
Reporting Official's Name: JAMES A. COX
Title: Codes and Standards Leader Phone: 4048412396
Determining Person's Name: Jim Lummus
Title: Project Manager Phone: 4098422022
Date condition Determined to Exist: 02/17/1999
Condition Location: City: Deer Park State: TX

Specific Location: Harris County - No other identifying information provided.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: Hazardous liquid

Description of Condition: Buckle in line pipe.

Discovery Circumstances: The anomaly was located as a result of an internal inspection tool run. It was exposed on February 17, 1999.

Significant Effects on Safety: Not identified.

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 200 psig until a repair can be completed.

Reduced Pressure From (PSI): 264 to (PSI): 200

Shutdown: NO

Date Action Taken: 02/17/1999

Planned Follow-Up/Corrective Action: Repair of buckle.

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 03/18/1999 Region: Southwes

Date Sent To State: State/Agency:

OPS Representative: Linda Daugherty

Date: 03/18/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 03/23/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 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 Completed: 03/05/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Juan Mendoza

Reviewed by: Larry Atwell

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990009 Condition Number(s): 1
Operator Name: Alyeska Pipeline OPID:
Street Address: P.O. Box 60489
City: Fairbanks State: AK ZIP: 99706

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 03/16/1999 Date Received: 03/19/1999
Reporting Official's Name: William D. Howitt
Title: Senior Vice President Phone: 9074569417
Determining Person's Name: Bill F. Flanders
Title: Not Listed Phone: 9074569478
Date condition Determined to Exist: 02/13/1999
Condition Location: City: State: AK

Specific Location: North of Pump Station 2, MP 52.77

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Crude Oil

Description of Condition: General longitudinal wall loss at the bottom of pipe and around girth weld. The region of general exterior corrosion was approximately 20 feet long.

Discovery Circumstances: An excavation was performed as a result of instrumented pig data.

Significant Effects on Safety: The integrity of the line was not in question at any time.

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 899 psig to 901 psig. The pipe has been recoated. Additional cathodic protection in the form of anodes have been installed.

Reduced Pressure From (PSI): 901 to (PSI): 899

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: The pipeline will be monitored through future pig runs, corrosion investigations and surveys

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/01/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: investigated corrosion

Action Taken By Operator: derated MOP from 901 to 899 due to wall lose caused
by corrosion.

Date Repair Completed: 03/16/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: HADDOW

Reviewed by: KATCHMAR

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990010 Condition Number(s): 8
Operator Name: The Gas Company OPID:
Street Address: 555 W. Fifth Street
City: Los Angeles State: CA ZIP: 900131011

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/09/1999 Date Received: 03/15/1999
Reporting Official's Name: Greg Roddick
 Title: Safety Manager Phone: 2132445730
Determining Person's Name: Geral Nichol
 Title: Distric Operations Manager Phone: 6617632813
Date condition Determined to Exist: 03/03/1999
Condition Location: City: Kern County State: CA

Specific Location: Hwy 119 E/Elk Hills Road Kern County - Line 80.90
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: 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.

Discovery Circumstances: Not specified.

Significant Effects on Safety: Not specified. Note that condition exists near Hwy 119 E and Elk Hills Road.

Corrective Action Taken: Looking at alternatives, including abandonment, replacement and/or repair. Engineering review and cost analysis to determine next steps.

Reduced Pressure From (PSI): 400 to (PSI): 200

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: Abandonment, replacement and/or repair.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): CA PUC
Date Sent To Region: 03/29/1999 Region: Western
Date Sent To State: 03/29/1999 State/Agency: CA PUC
OPS Representative: Linda Daugherty

Date: 03/29/1999

Report ID: 990011 Condition Number(s): 2
Operator Name: The Gas Company OPID:
Street Address: 555 W. Fifth Street
City: Los Angeles State: CA ZIP: 900131011

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 03/19/1999 Date Received: 03/22/1999
Reporting Official's Name: Greg Roddick
 Title: Safety Manager Phone: 2132445730
Determining Person's Name: Pete Pietrzak
 Title: Field Operations Supervisor Phone: 8056817924
Date condition Determined to Exist: 03/19/1999
Condition Location: City: Ventura County State: CA

Specific Location: Line 1003 at Ocean View Road, MP 25.67
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)

Product in Pipeline: 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.

Discovery Circumstances: Discovered by employee who was performing
 scheduled drip run. Concern confirmed by
 consulting geologist.

Significant Effects on Safety: NONE

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.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: Further action and completion dates will
 be determined pending the completed
 review

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): CA PUC
Date Sent To Region: 03/29/1999 Region: Western
Date Sent To State: 03/29/1999 State/Agency: CA PUC
OPS Representative: Linda Daugherty

Date: 03/29/1999

Report ID: 990012 Condition Number(s): 4
Operator Name: Koch Gateway Pipeline Company OPID:
Street Address: 520 Alliance St.
City: Kenner State: LA ZIP: 70062

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 03/26/1999 Date Received: 03/26/1999
Reporting Official's Name: Wayne F. St. Germain
Title: Not Specified Phone: 3189887102
Determining Person's Name: Not Specified Christie Lassere
Title: Area Manager Phone: 5044695903
Date condition Determined to Exist: 03/20/1999
Condition Location: City: Marrero State: LA

Specific Location: Tusa Street
Occurred on Outer Continental Shelf: NO
Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Gouge in dent involving weld requires repair to prevent outward movement.

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.

Significant Effects on Safety: Not specified.

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.

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: Sleeve ordered for second dent. Should receive it in 3 weeks. Was ordered on 03/23/99.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 03/29/1999 Region: Southwes
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty

Date: 03/29/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/30/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 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
WELDOVER SLEEVES AS AN ADDED PRECAUTION.

Date Repair Completed: 04/28/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Lisa S Wu

Reviewed by: R.M SEELEY

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990013 Condition Number(s): 8
Operator Name: Kentucky Hydrocarbon OPID:
Street Address: 72 Maple Street
City: Langley State: KY ZIP: 41645

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 04/07/1999 Date Received: 04/07/1999
Reporting Official's Name: James Keith Hayes
Title: Plant Manager Phone: 6062853949
Determining Person's Name: James Keith Hayes
Title: Plant Manager Phone: 6062853949
Date condition Determined to Exist: 04/02/1999
Condition Location: City: Kermit State: WV

Specific Location: Route 52 near Kermit/Steptown
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: 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.

Discovery Circumstances: Third party notified company of gas odor. Personnel confirmed gas odor but did not identify the leak until the following day.

Significant Effects on Safety: Not stated.

Corrective Action Taken: Pipeline was shut down until repairs were made five days later. 100 feet of pipeline was replaced.

Shutdown: YES

Date Action Taken: 04/02/1999

Planned Follow-Up/Corrective Action: None stated.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 04/16/1999 Region: Eastern
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty
Date: 04/16/1999

Report ID: 990014 Condition Number(s): 1
Operator Name: Koch Gateway Pipeline Company OPID:
Street Address: P.O. Box 1229
City: Kenner State: LA ZIP: 70063

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 04/12/1999 Date Received: 04/16/1999

Reporting Official's Name: Wayne F. St. Germain
Title: Not Specified Phone: 3189887102

Determining Person's Name: Not Specified Christie Lassere
Title: Area Manager Phone: 5044695903

Date condition Determined to Exist: 04/12/1999
Condition Location: City: Quarantine Bay Meter Stat State: LA

Specific Location: Pennzoil Quarantine Bay Platform
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: General Corrosion Pitting on a meter tube.

Discovery Circumstances: None stated.

Significant Effects on Safety: None stated.

Corrective Action Taken: Meter tube has been isolated.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: Work has been scheduled with the contractor and has been ordered.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 04/16/1999 Region: Southwes
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty
Date: 04/16/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/12/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: BILL BERTGES OBSERVED THE REMOVAL THE SUBJECT

SRCR 6-INCH CORRODED METER TUBE LOCATED 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. THE CORRODED VALVE HANDLES WERE
REPLACED AND THE METER RUN WAS PAINTED.

Date Repair Completed: 04/22/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: LISA SUEN WU

Reviewed by: R. M. SEELEY

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990015 Condition Number(s): 1
Operator Name: Lone Star Pipeline Company OPID:
Street Address: 301 S. Harwood Street, 509 North
City: Dallas State: TX ZIP: 75201

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 04/09/1999 Date Received: 04/09/1999
Reporting Official's Name: M.E. English
Title: General Superintendent- PL Ops Phone: 2146702732
Determining Person's Name: M.E. English
Title: General Superintendent-PL Ops Phone: 2146702732
Date condition Determined to Exist: 04/06/1999
Condition Location: City: Bryan State: TX

Specific Location: Line L8, Station 4051+96, 2700 block of Osborn St.
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

6. Leak that constitutes an emergency (gas, LNG, liquid)

Product in Pipeline: 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.

Discovery Circumstances: Not specified.

Significant Effects on Safety: Not Specified. It is noted that the leak is near a public street.

Corrective Action Taken: The operating pressure was reduced from 330 to 150 psig and a temporary leak clamp was installed.

Reduced Pressure From (PSI): 330 to (PSI): 150

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: To accomplish a permanent repair, the road crossing will be replaced.

To Begin: To Be Completed By: 06/01/1999

Jurisdictional To (Region or State/Agency abbrev.): TXRRC

Date Sent To Region: 04/16/1999 Region: Southwes

Date Sent To State: 04/16/1999 State/Agency: TXRRC

OPS Representative: Linda Daugherty

Date: 04/16/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/06/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 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 Completed: 05/06/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: This is an intrastate operator. TRC has information in their files.

Prepared by: RCT/T. Binns

Reviewed by: R. M. Seeley

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990016 Condition Number(s): 8
Operator Name: Duke Energy OPID:
Street Address: 5400 Westheimer Court
City: Houston State: TX ZIP: 77056-5310

System Type: LNG Inter/Intrastate: INTERSTATE

Date of Report: 04/20/1999 Date Received: 04/21/1999
Reporting Official's Name: Dwayne Teschendorf
Title: Senior Engineer Phone: 7136275573
Determining Person's Name: Andy Davidson
Title: Division Operations Supervisor Phone: 6175601496
Date condition Determined to Exist: 04/19/1999
Condition Location: City: Providence State: RI

Specific Location: 121 Terminal Road Algonquin LNG Plant
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: LNG

Description of Condition: Low temperatures were observed in the area of one of the tank outlet piping vaults.

Discovery Circumstances:

Significant Effects on Safety: None specified.

Corrective Action Taken: All LNG must be removed from the tank to determine the cause of the temperature variation.

Shutdown: NO

Date Action Taken:

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.

To Begin: 04/20/1999 To Be Completed By: 06/04/1999
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 04/26/1999 Region: Eastern
Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty
Date: 04/26/1999

Report ID: 990017 Condition Number(s): 1
Operator Name: Alyeska Pipeline OPID:
Street Address: P.O. Box 60489
City: Fairbanks State: AK ZIP: 99706

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 04/28/1999 Date Received: 04/28/1999
Reporting Official's Name: William D. Howitt
Title: Senior Vice President Phone: 9074569417
Determining Person's Name: Bill F. Flanders
Title: Not Listed Phone: 9074569478
Date condition Determined to Exist: 04/27/1999
Condition Location: City: State: AK

Specific Location: North of Pump Station 11, Milepost 652.46
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Crude Oil

Description of Condition: External circumference corrosion was found on the two girth welds exposed by this investigation.

Discovery Circumstances: An excavation was performed at this location as a result of instrument pig data.

Significant Effects on Safety: The integrity of the line was not in question at any time.

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.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: The pipe will continue to be monitored through future pig runs, corrosion investigations and surveys.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 04/29/1999 Region: Western

Date Sent To State: State/Agency:
OPS Representative: Linda Daugherty
Date: 04/29/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 04/27/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 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 Completed: 04/27/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS BE CLOSED.

Prepared by: HADDOW

Reviewed by: KATCHMAR

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990019 Condition Number(s): 1
Operator Name: TOSCO OPID:
Street Address: 3220 S. Higuera Street, Suite 101
City: San Luis Obispo State: CA ZIP: 93401

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 05/18/1999 Date Received: 05/24/1999
Reporting Official's Name: Peter L. Schnieders
Title: Manager, Northern Pipeline Phone: 8055477200
Determining Person's Name: Dale Rydberg
Title: Senior Pipeline Engineer Phone: 8055477259
Date condition Determined to Exist: 05/12/1999
Condition Location: City: Martinez State: CA

Specific Location: Near Alhambra Avenue - Section 30, T2N, R2W, MDB&M
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: 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%.

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.

Significant Effects on Safety: Not stated in report.

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.

Reduced Pressure From (PSI): 1136 to (PSI): 1061

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: The pipe will be repaired or replaced.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): CASFM
Date Sent To Region: 05/24/1999 Region: Western
Date Sent To State: 05/24/1999 State/Agency: CASFM
OPS Representative: Linda Daugherty
Date: 05/24/1999

Report ID: 990018 Condition Number(s): 4
Operator Name: TRANS MOUNTAIN OIL PIPE LINE CORPORATION OPID:
Street Address: 1009 EAST SMITH ROAD
City: BELLINGHAM State: WA ZIP: 98226

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 05/07/1999 Date Received: 05/07/1999
Reporting Official's Name: ALISON J. TAYLOR
Title: CORPORATE SOLICITOR Phone: 6047395279
Determining Person's Name: DALE McCLARY
Title: MAINTENANCE TECHNICIAN Phone: 3603981541
Date condition Determined to Exist: 05/03/1999
Condition Location: City: SUMAS State: WA

Specific Location: 2 MILES SOUTH OF SUMAS, WASHINGTON
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: CRUDE OIL

Description of Condition: THE PIPE WAS STRUCK BY A FARM IMPLEMENT CAUSING MECH.DAMAGE (GOUGES) TO THE PIPE.

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.

Significant Effects on Safety: NOT APPLICABLE (NA)

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 REINFORCEMENT SLEEVE. 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.

Reduced Pressure From (PSI): 550 to (PSI): 421

Shutdown: NO

Date Action Taken: 05/03/1999

Planned Follow-Up/Corrective Action: NOT APPLICABLE (NA)

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION

Date Sent To Region: 05/07/1999 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative: MICHAEL J. KHAYATA

 Date: 05/10/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 05/06/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: FOLLOW UP BY OPS

Action Taken By Operator: REPAIRED BY CLOCKSPRING.

Date Repair Completed: 05/06/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS BE CLOSED.

Prepared by: HADDOW

Reviewed by: KATCHMAR

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990020 Condition Number(s):
Operator Name: Pacific Gas and Electric Company OPID:
Street Address: Mail Code H158, P.O. Box 770000
City: San Francisco State: CA ZIP: 94177

System Type: NATURAL GAS Inter/Intrastate: NOT REPORTED

Date of Report: 06/02/1999 Date Received: 06/03/1999
Reporting Official's Name: Shan Bhattacharya
Title: Vice Pres., Dist. Eng. & Plan. Phone: 4159736998
Determining Person's Name: George Karkazis
Title: Sr. Pipeline Engineer Phone: 9169237152
Date condition Determined to Exist: 05/26/1999
Condition Location: City: State:

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: Natural Gas

Description of Condition: 1/4-inch crack in pipeline (hairline crack) fuzzi leak.

Discovery Circumstances: leak survey, then by excavation.

Significant Effects on Safety: 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.

Corrective Action Taken: Lowered pressure to 400 psig. Monitoring the line pressure by SCADA and conducting foot patrols twice a week in the area.

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.):
Date Sent To Region: 06/04/1999 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: Michael J. Khayata
Date: 06/04/1999

Report ID: 990021 Condition Number(s):
Operator Name: Venoco Inc. OPID:
Street Address: 217 State Street, Suite 300
City: Santa Barbara State: CA ZIP: 93101-5734

System Type: NOT REPORTED Inter/Intrastate: NOT REPORTED

Date of Report: 06/04/1999 Date Received: 06/04/1999
Reporting Official's Name: Keith Wenal
Title: DOT Coordinator Phone: 8059666596
Determining Person's Name: Campbell Taylor
Title: Facility Engineer Phone:
Date condition Determined to Exist: 06/03/1999
Condition Location: City: Goleta State: FL

Specific Location: Within active construction site, half mile down and
along side Hollister Avenue and Frontage Road.

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline:

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.

Discovery Circumstances:

Significant Effects on Safety: NONE

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.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.):
Date Sent To Region: 06/09/1999 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: Michael J. Khayata
Date: 06/09/1999

Report ID: 990022 Condition Number(s):
Operator Name: ARCO Alaska, Inc. OPID:
Street Address: 700 G Street, P.O. Box 196105
City: Anchorage State: AK ZIP: 99519-6105

System Type: LIQUID Inter/Intrastate: NOT REPORTED

Date of Report: 06/04/1999 Date Received: 06/04/1999
Reporting Official's Name: C. L. Clark and M.A. Morris
Title: Operations Supervisor Phone: 9076597727
Determining Person's Name: Dr. L. C. Dash
Title: Corrosion Engineer Phone: 9076597773
Date condition Determined to Exist: 06/03/1999
Condition Location: City: State: AK

Specific Location: North Slope of Alaska, Kuparuk Pipeline - a remote location at pipe line distance of 32.998 ft. from CPF-1, at VSM (Vertical Support Member) 536.

Occurred on Outer Continental Shelf: NOT REPORTED

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: 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.

Discovery Circumstances:

Significant Effects on Safety: NONE

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.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.):
Date Sent To Region: 06/09/1999 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative: Michael J. Khayata
Date: 06/09/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 06/04/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: FOLLOW UP BY OPS.

Action Taken By Operator: MAOP HAS BEEN REDUCED AND OVER PRESSURE DEVICES WERE

ADJUSTED PER RSTRENG CALCULATIONS. THE PIPELINE OPERATES SUBSTANTIALLY LOWER THAN MAOP. REPAIRS HAVE BEEN COMPLETED ON JUNE 4, 1999 AND MAOP RETURNED TO 1415 PSI.

Date Repair Completed: 06/04/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS BE CLOSED.

Prepared by: HADDOW

Reviewed by: KATCHMAR

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990023 Condition Number(s):
Operator Name: Mobil Pipe Line Company OPID: 12628
Street Address: 216 Lincon Street
City: South Portland, State: ME ZIP: 04106

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 07/08/1999 Date Received: 07/09/1999
Reporting Official's Name: M.D. DiCenso
Title: Pipe Line Supervisor Phone: 2079459841
Determining Person's Name: M.D. DiCenso
Title: Pipe Line Supervisor Phone: 2079459841
Date condition Determined to Exist: 07/01/1999
Condition Location: City: Hallowell State: ME

Specific Location: Milepost 62, Kennebec River. The condition is 356 feet
north of the Hallowell Station

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)
4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: 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.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: Line pressure will be reduced 27% of its established MOP. Also MOP at South Portland has been reduced.

Reduced Pressure From (PSI): 1243 to (PSI): 900

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.):

Date Sent To Region: 07/09/1999 Region: Eastern

Date Sent To State: State/Agency:

OPS Representative:

Date:

Report ID: 990024 Condition Number(s):
Operator Name: CHEVRON PIPE LINE OPID:
Street Address: POST OFFICE BOX 1013
City: BURAS State: LA ZIP:

System Type: LIQUID Inter/Intrastate: NOT REPORTED

Date of Report: 07/14/1999 Date Received: 07/14/1999
Reporting Official's Name: L. J. SIEBERTY
Title: FIELD TEAM LEADER Phone: 5045341999
Determining Person's Name: KEVIN P. GAUDES
Title: ENGINEER Phone:
Date condition Determined to Exist:
Condition Location: City: MUSTANG State: LA

Specific Location: PLAQUEMINES COUNTY, LA STATIONING 389+23.93
Occurred on Outer Continental Shelf: NOT REPORTED

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: 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".

Discovery Circumstances:

Significant Effects on Safety: NONE

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.

Reduced Pressure From (PSI): 1144 to (PSI): 1070
Shutdown: NO
Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
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: 07/16/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/16/1999

Further Follow-Up Reports Forthcoming:

Action Taken by Region/State: Contacted operator, operator is working on repair specifications and bid package for repair/replacement. Operator plans to start work within next 2 months. Will contact region before repairs/replacement starts.

Action Taken By Operator: Lowered mop to 1070 from 1144 psi. Normal operating pressure is 150 psi. Working on specifications and bid package for repair/replacement

Date Repair Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: will review cp records when I go out on repair/replacement

Prepared by: Aaron M. Sheets, Jr.

Reviewed by: R. M. Seeley

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990025 Condition Number(s):
Operator Name: Penn Fuel Gas, Inc. OPID:
Street Address: 55 South 3rd Street
City: Oxford State: PA ZIP: 19363

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 07/17/1999 Date Received: 07/17/1999
Reporting Official's Name: Robert Beard, PE
Title: Manager, Engineering Phone: 6109326544
Determining Person's Name: Robert Beard, PE
Title: Manager, Engineering Phone: 6109326544
Date condition Determined to Exist: 07/13/1999
Condition Location: City: Lebanon State: PA

Specific Location: Dauphin pipeline segment
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)
8. Condition that could lead to an imminent hazard and causes a 20% or more reduction in operating pressure or shutdown of operation (gas, LNG, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Excessive wall loss in some areas of pipeline due to corrosion

Discovery Circumstances: Smart pig survey results indicated excessive wall loss in some areas of the pipeline due to corrosion

Significant Effects on Safety: Leakage may result if corrosion is not addressed

Corrective Action Taken: Pressure in pipeline was reduced. Permanent repairs scheduled for 07/21/99

Reduced Pressure From (PSI): 720 to (PSI): 141
Shutdown: NO

Date Action Taken: 07/16/1999

Planned Follow-Up/Corrective Action: Operate pipeline at reduced pressure until anomalies are excavated and permanently repaired

To Begin: 07/21/1999 To Be Completed By: 11/30/1999
Jurisdictional To (Region or State/Agency abbrev.):
Date Sent To Region: 07/19/1999 Region: Eastern

Date Sent To State:
OPS Representative:
Date:

State/Agency: PAPUC

Report ID: 990026 Condition Number(s):
Operator Name: Sabine Pipeline Company OPID:
Street Address: Post Office Box 4781
City: Houston State: TX ZIP: 77210-4781

System Type: NATURAL GAS Inter/Intrastate: NOT REPORTED

Date of Report: 07/19/1999 Date Received: 07/19/1999
Reporting Official's Name: Morris Olivier
Title: Safety Specialist Phone: 5047125653
Determining Person's Name: Bill Wied
Title: Pipeline Superintendent Phone: 3187373306
Date condition Determined to Exist: 07/14/1999
Condition Location: City: Bird Island Bayou State: LA

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
Product in Pipeline:
Description of Condition: Pipeline is presently 1.4' below surface of water at
Bird Island Bayou. No rupture of pipeline.

Discovery Circumstances:
Significant Effects on Safety: There is no eminent safety affect to the
public with the present corrective actions
being taken.
Corrective Action Taken: Remove and replace with new pipeline by first week of
August.

Shutdown: NOT REPORTED
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
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: 07/21/1999

Report ID: 990027 Condition Number(s):
Operator Name: ARCO PIPE LINE COMPANY OPID:
Street Address: 1801 E. SEPULVEDA BLVD
City: CARSON State: CA ZIP: 90745

System Type: LIQUID Inter/Intrastate: NOT REPORTED

Date of Report: 07/22/1999 Date Received: 07/22/1999
Reporting Official's Name: MARK MARMES
Title: Phone: 5625904739
Determining Person's Name: MARK SILVERMAN
Title: CORROSION ENGINEER Phone: 3108168735
Date condition Determined to Exist:
Condition Location: City: ARCO LAS ANGES REFINERY State: CA

Specific Location: LINE 69 NEAR ALAMEDA STREET
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

4. Material defect or physical damage to pipeline operating at 20% or more SMYS (gas, liquid)

Product in Pipeline: PRODUCTS

Description of Condition: GOUGE IN PIPELINE ESTIMATED TYO BE GREATER THAN
12.5% OF NOMINAL WALL THICKNESS

Discovery Circumstances: LINE RIDER NOTICED DAMAGE DURING ROUTINE
INSPECTION OF JOB SITES

Significant Effects on Safety: NONE

Corrective Action Taken: TEMPORARY BOLT ON SLEEVE INSTALLED. PIPELINE
SHUTDOWN

PERMANENT RE-ENFORCEMENT SLEEVE WILL BE INSTALLED
AFTER GOUGE IS REMOVED VIAL GRINDING.

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: ARCO INTENDS TO INSTALL A PERMANENT
RE-ENFORCEMENT SLEEVE AFTER GOUGE IS
REMOVED VIA GRINDING

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): WESTERN

Date Sent To Region: 07/23/1999 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative:

Date:

Report ID: 990028 Condition Number(s):
Operator Name: SOUTHERN CALIFORNIA GAS COMPANY OPID:
Street Address: 555 WEST FIFTH STREET
City: LOS ANGELES State: CA ZIP: 90013

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 07/26/1999 Date Received: 07/26/1999
Reporting Official's Name: RICHARD COLLINS
Title: TECHNICAL CONSULTANT Phone: 8187014548
Determining Person's Name: PETE PLETRZAK
Title: FIELE OPERATIONS SUPERVISOR Phone: 8056817924
Date condition Determined to Exist: 07/19/1999
Condition Location: City: MONTECITO State: CA

Specific Location: LINE 1005@ MOUNTAIN DRIVE, MP 12, CLASS 3 LOCATION
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: INTERNAL GENERAL CORROSION

Discovery Circumstances: ONGOING PROGRAM TO EVALUATE PIPELINE INTEGRITY

Significant Effects on Safety: NONE

Corrective Action Taken: MAOP REDUCED. LINE SEGMENT WILL EVENTUALLY BE TAKEN

OUT OF SERVICE AND THE CORRODED SECTION WILL BE REPLACED.

Reduced Pressure From (PSI): 1000 to (PSI): 925

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: LINE WILL BE TAKEN OUT OF SERVICE AND CORRODED SECTION OF PIPE WILL BE REPLACED

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): WESTERN

Date Sent To Region: 07/27/1999 Region: WESTERN

Date Sent To State: State/Agency:

OPS Representative:

Date:

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 08/04/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: CAPUC FOLLOWED UP ON THIS CASE

Action Taken By Operator: 20'8" SECTION OF THE 22" DRIP LEG WAS REPLACED

Date Repair Completed: 07/27/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS BE CLOSED AS PER CA. P.U.C.

Prepared by: HADDOW

Reviewed by: KATCHMAR

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990029 Condition Number(s):
Operator Name: ARCO PIPE LINE COMPANY OPID:
Street Address:
City: State: ZIP:

System Type: LIQUID Inter/Intrastate: NOT REPORTED

Date of Report: 08/04/1999 Date Received: 08/04/1999
Reporting Official's Name: LAURA GISSEN
Title: OPERATIONS SUPERVISOR Phone: 2819865496
Determining Person's Name:
Title: Phone:
Date condition Determined to Exist: 07/28/1999
Condition Location: City: TEXAS CITY State: TX

Specific Location: HWY 3, APPROX. 1400' NORTH OF FM 519 IN RAILROAD
RIGHT-OF-WAY

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline
operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: CRUDE

Description of Condition: WALL LOSS FROM INTERNAL CORROSION

Discovery Circumstances: THE LOCATION WAS EXCAVATED TO EVALUATE AN
ANOMOLY

INDICATED BY A SMART PIG. ULTRASONIC TESTING
CONFIRMED THAT THERE WAS METAL LOSS AND BELIEVED
TO BE INTERNAL CORROSION.

Significant Effects on Safety: NONE

Corrective Action Taken: NONE

Reduced Pressure From (PSI): 720 to (PSI): 650

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.):

Date Sent To Region: 08/05/1999 Region: SOUTHWES

Date Sent To State: State/Agency:

OPS Representative: MICHAEL J. KHAYATA

Date: 08/05/1999

Report ID: 990030 Condition Number(s):
Operator Name: Southern California Gas Company OPID:
Street Address: 555 West Fifth Street
City: Los Angeles State: CA ZIP: 900131011

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 06/16/1999 Date Received: 08/16/1999
Reporting Official's Name: Richard Collins
Title: Technical Consultant Phone: 8187014548
Determining Person's Name: Pete Pietrzak
Title: Field Operations, Supervisor Phone: 8056817924
Date condition Determined to Exist: 08/11/1999
Condition Location: City: State:

Specific Location: Line 1005 drip leg at Mi. 18.04-0, Mountain Drive
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Internal corrosion resulting in reduced wall thickness.

Discovery Circumstances: Internal corrosion inspection as part of an ongoing pipeline integrity evaluation program.

Significant Effects on Safety: NONE

Corrective Action Taken: Reduction of MAOP

Shutdown: NO

Date Action Taken: 08/11/1999

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By: 08/19/1999

Jurisdictional To (Region or State/Agency abbrev.): OPS

Date Sent To Region: 08/30/1999 Region: Western

Date Sent To State: State/Agency:

OPS Representative:

Date:

Report ID: 990031 Condition Number(s):
Operator Name: Colorado Interstate Gas Company OPID:
Street Address: 2 North Nevada Avenue
City: Colorado Springs State: CO ZIP: 80903

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 08/11/1999 Date Received: 08/12/1999
Reporting Official's Name: Richard H. Flint II
Title: Manager, Codes and Standards Phone: 7195204350
Determining Person's Name: Richard H. Flint II
Title: Manager, Codes and Standards Phone: 7195204350
Date condition Determined to Exist: 08/11/1999
Condition Location: City: State: WY

Specific Location: 12" Wind River Lateral No. 70A and 16" Wind River
Lateral No. 70B

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: Natural Gas

Description of Condition: Lighting strike at compressor station caused station control system to malfunction.

Discovery Circumstances: Telemetering equipment reported overpressure condition.

Significant Effects on Safety: Pipelines operated at a pressure of 1170 psig which exceeded MAOP plus allowable build up of 1145 psig.

Corrective Action Taken: Gas deliveries in both pipelines were reduced and by pass valves were opened.

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: CGI will install overpressure protection at each location where gas enters into both of these pipelines

To Begin: 08/13/1999 To Be Completed By: 10/01/1999
Jurisdictional To (Region or State/Agency abbrev.): OPS

Date Sent To Region: 08/30/1999 Region: Western

Date Sent To State: State/Agency:

OPS Representative:

 Date:

Report ID: 990032 Condition Number(s):
Operator Name: Ohio Valley Gas Corporation OPID:
Street Address: 111 Energy Park Drive, Post Office Box 469
City: Winchester State: IN ZIP: 47394

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 08/30/1999 Date Received: 09/13/1999
Reporting Official's Name: R.L. Loyd
Title: Vice President/Chief Engineer Phone: 7655846842
Determining Person's Name: R.L. Loyd
Title: Vice President/Chief Engineer Phone: 7655846842
Date condition Determined to Exist:
Condition Location: City: Cannelton State: IN

Specific Location: along 8th Street, approximately 1300' west of Washington Street

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

2. Unintended movement or abnormal loading by environmental causes (gas, LNG, liquid)
9. Other: sliding hillside

Product in Pipeline: 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.

Discovery Circumstances: Several repairs have been effected to correct both underground and above ground leaks caused by the earth movement described above.

Significant Effects on Safety: 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

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.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.):

Date Sent To Region: 09/15/1999 Region: Central

Date Sent To State: State/Agency:

OPS Representative: Michael J. Khayata

Date: 09/15/1999

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/15/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State:

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 Completed:

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes:

Prepared by: Stewart Rickey

Reviewed by:

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990033 Condition Number(s):
Operator Name: Tosco Refining Company OPID:
Street Address: 9645 Santa Fe Springs Road
City: Santa Fe Springs State: CA ZIP: 90670

System Type: LIQUID Inter/Intrastate: INTRASTATE

Date of Report: 09/10/1999 Date Received: 09/13/1999
Reporting Official's Name: Richard Harbison
Title: Manager, Northern Pipeline Phone: 5629067508
Determining Person's Name: Paul Morton
Title: Senior Pipeline Engineer Phone: 5629067590
Date condition Determined to Exist: 09/07/1999
Condition Location: City: Carson State: CA

Specific Location: Wilmington Avenue
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Crude Oil

Description of Condition: Internal pipe inspection report received by operator which identified anomalies.

Discovery Circumstances: Operator was conducting a high resolution inspection on a section of teh Unocap line 600.

Significant Effects on Safety: NONE

Corrective Action Taken: The MOP on the "A" line will be de-rated

Reduced Pressure From (PSI): 720 to (PSI): 550

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): CA
Date Sent To Region: 09/16/1999 Region: Western
Date Sent To State: State/Agency:
OPS Representative:
Date:

Report ID: 990034 Condition Number(s):
Operator Name: Panhandle Eastern Pipe Line OPID:
Street Address: 5444 Westheimer Road
City: Houston State: TX ZIP: 77056

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/03/1999 Date Received:
Reporting Official's Name:
Title: Phone:
Determining Person's Name: Jerry Rau
Title: Principal Corrosion Engineer Phone:
Date condition Determined to Exist:
Condition Location: City: Carleton and Maybee State: MI

Specific Location: Line number 41-08-001-3000-22
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: Localized corrosion pitting

Discovery Circumstances: Condition discovered as a result of an internal in-line inspection with a high resolution tool.

Significant Effects on Safety: Localized corrosion pitting is to a degree that leakage might result.

Corrective Action Taken: Line section has been taken out of service

Shutdown: YES

Date Action Taken:

Planned Follow-Up/Corrective Action: Line section will be visually inspected to determine if a safety related condition does in fact exist.

To Begin: To Be Completed By: 11/01/1999
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 09/17/1999 Region: Central
Date Sent To State: State/Agency:
OPS Representative:
Date:

Report ID: 990035 Condition Number(s):
Operator Name: Alyeska Pipeline OPID:
Street Address: P.O. Box 60469
City: Fairbanks State: AK ZIP: 99706

System Type: LIQUID Inter/Intrastate: NOT REPORTED

Date of Report: 09/07/1999 Date Received: 09/08/1999
Reporting Official's Name: William D. Howitt
Title: Senior Vice President Phone: 9074569417
Determining Person's Name: Bill Flanders
Title: Phone:
Date condition Determined to Exist: 09/07/1999
Condition Location: City: State:

Specific Location: Trans-Alkaska Pipeline, South of Pump Station 12,
Pipeline Milepost 751.93

Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Oil

Description of Condition: General longitudinal wall loss was detected at the bottom of this section of pipe and around a girth weld.

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: The MOP of the line segment was derated

Reduced Pressure From (PSI): 1012 to (PSI): 962

Shutdown: NO

Date Action Taken:

Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:

Jurisdictional To (Region or State/Agency abbrev.): Region

Date Sent To Region: 09/17/1999 Region: Western

Date Sent To State: State/Agency:

OPS Representative:

Date:

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 09/07/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: FOLLOW UP BY OPS.

Action Taken By Operator: DERATE MOP FROM 1012 TO 962, RECOAT PIPELINE, ADD
MAGNESIUM ANODES.

Date Repair Completed: 09/07/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS BE CLOSED.

Prepared by: HADDOW

Reviewed by: KATCHMAR

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990036 Condition Number(s):
Operator Name: Williston Basin Interstate Pipeline Company OPID:
Street Address: 1250 West Century Avenue
City: Bismaarck State: ND ZIP: 58501

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/17/1999 Date Received: 09/17/1999
Reporting Official's Name: Tony Finneman
Title: Vice President of Operations Phone: 7015301622
Determining Person's Name: Keith seifert
Title: Pipeline Construction Super. Phone: 4063597223
Date condition Determined to Exist: 09/10/1999
Condition Location: City: Basin and Greybull State: WY

Specific Location: NOT REPORTED
Occurred on Outer Continental Shelf: NO
Reason for Reporting:
9. Other: Cathodic Protection
Product in Pipeline: Natural Gas
Description of Condition: NOT REPORTED
Discovery Circumstances:
Significant Effects on Safety: NONE
Corrective Action Taken: Reduced operating pressure

Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 09/17/1999 Region: Western
Date Sent To State: State/Agency:
OPS Representative:
Date:

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/04/1999

Further Follow-Up Reports Forthcoming: YES

Action Taken by Region/State: TRACKING BY WESTERN REGION OPS.

Action Taken By Operator: PLAN TO REMOVE 12" RAINDEN LOOP FROM SERVICE.

Date Repair Completed:

Resulted in Incidents After Report:

 Date of Incident:

Enforcement Action Taken:

 Case Opened (Federal case identification number *)

Notes:

Prepared by: HADDOW

Reviewed by:

 Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990037 Condition Number(s):
Operator Name: UNOCAL CORPORATION OPID:
Street Address: 909 WEST 9TH AVENUE, P.O. BOX 196247
City: ANCHORAGE State: AK ZIP: 99501

System Type: NATURAL GAS Inter/Intrastate: INTERSTATE

Date of Report: 09/29/1999 Date Received: 09/29/1999
Reporting Official's Name: JON A. CRONK
Title: PRODUCTION ENGINEERING SUPR. Phone: 9072637631
Determining Person's Name: JON A. CRONK
Title: PRODUCTION ENGINEERING SUPR. Phone: 9072637631
Date condition Determined to Exist: 09/27/1999
Condition Location: City: GRANITE POINT PLATFORM State: AK

Specific Location: KENAI, ALASKA
Occurred on Outer Continental Shelf: NO
Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: NATURAL GAS

Description of Condition: THREE EXTERNAL CORROSION AMOMALIES

Discovery Circumstances: DURING AUGUST 1999, UNOCAL INSPECTED RISERS AND PIPELINES FOR COOK INLET OPERATIONS. THE FINAL REPORT FROM THE CONTRACTOR INDICATED 3 EX. ANOMALIES

Significant Effects on Safety: NONE
Corrective Action Taken: NONE

Reduced Pressure From (PSI): 1480 to (PSI): 1392
Shutdown: NO
Date Action Taken:
Planned Follow-Up/Corrective Action: NONE

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): REGION
Date Sent To Region: 09/29/1999 Region: WESTERN
Date Sent To State: State/Agency:
OPS Representative:
Date:

**** FOLLOW-UP REPORT ****

Date of Follow-Up Report: 10/13/1999

Further Follow-Up Reports Forthcoming: NO

Action Taken by Region/State: 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 Completed: 09/27/1999

Resulted in Incidents After Report: NO

Date of Incident:

Enforcement Action Taken:

Case Opened (Federal case identification number *)

Notes: RECOMEND THIS CASE BE CLOSED

Prepared by: HADDOW

Reviewed by: STAHOVIAK

Region Chief

* Applies only to DOT. State agencies should leave blank.

Report ID: 990038 Condition Number(s):
Operator Name: Brooklyn Union OPID:
Street Address: 175 East Old Country Road
City: Hicksville State: NY ZIP: 11801

System Type: NATURAL GAS Inter/Intrastate: INTRASTATE

Date of Report: 10/04/1999 Date Received: 10/20/1999
Reporting Official's Name: Peter F. Baker, Jr.
Title: Manager, Gas Systems Operation Phone: 5165455572
Determining Person's Name: Peter F. Baker, Jr.
Title: Manager, Gas Systems Operation Phone: 5165455572
Date condition Determined to Exist: 09/28/1999
Condition Location: City: Island Park State: NY

Specific Location: E.F. Barrett Power Station
Occurred on Outer Continental Shelf: NO

Reason for Reporting:

1. General corrosion or corrosion pitting on gas or liquid pipeline operated at 20% or more of SMYS (gas, liquid)

Product in Pipeline: Natural Gas

Description of Condition: General Corrosion

Discovery Circumstances: While performing a wall thickness inspection on a 30" pipeline, operator discovered general corrosion on the pipe.

Significant Effects on Safety: NONE

Corrective Action Taken: As a precautionary measure, a portion of the line was isolated and the pressure in the pipeline was reduced.

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: Replacement of pipe is being pursued.

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): NYSPSC
Date Sent To Region: Region:
Date Sent To State: State/Agency:
OPS Representative:
Date:

Report ID: 990039 Condition Number(s):
Operator Name: Alyeska Pipeline OPID:
Street Address: P.O. Box 60469
City: Fairbanks State: AK ZIP: 99706

System Type: LIQUID Inter/Intrastate: INTERSTATE

Date of Report: 10/22/1999 Date Received: 10/22/1999
Reporting Official's Name: Bill Howitt
Title: Senior Vice President Phone: 9074569417
Determining Person's Name: Wes Tonkins
Title: Engineering Advisor Phone: 9074505449
Date condition Determined to Exist: 10/18/1999
Condition Location: City: Trans-Alaska Pipeline State:

Specific Location: Pump Station Number 5
Occurred on Outer Continental Shelf: NOT REPORTED

Reason for Reporting:

5. Malfunction of operating error causing pressure to rise above
 - (a) MAOP plus the build-up allowed for operation of pressure limiting or control devices (gas)
 - (b) working pressure plus build-up allowed for operation of pressure limiting or control device (LNG)
 - (c) 110% of MOP (liquid)

Product in Pipeline: 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

Discovery Circumstances:

Significant Effects on Safety: NONE

Corrective Action Taken: NONE

Shutdown: NOT REPORTED

Date Action Taken:

Planned Follow-Up/Corrective Action: Install new relief valve rated for higher pressure

To Begin: To Be Completed By:
Jurisdictional To (Region or State/Agency abbrev.): Region
Date Sent To Region: 10/22/1999 Region: Western
Date Sent To State: State/Agency:
OPS Representative:

Date: