PACIFIC GAS AND ELECTRIC COMPANY San Bruno Gas Transmission Line Incident Data Response

PG&E Data Request No.:	NTSB_035-009				
PG&E File Name:	San Bruno GT Line Incident_DR_NTSB_035-009				
Request Date:	December 9, 2010	Requesting Party:	NTSB		
Date Sent:	December 20, 2010	Requestor:	Operations (Chhatre/Cramer)		

QUESTION 9

Files associated with GM130004 to understand its relationship with GM136471:

130004 Expense Sheet; 130004 to 136471 change order, 134616 to 130004 change order, Bituminous Products 01, Fiberboard Products Invoice 01.pdf

ANSWER 9

In the DVD produced on 12/20/2010 which consists of responses to the NTSB 35 series, you will find electronic copies of PG&E's job files for GM130004, Attachment 1 through 14.

PG&E believes that pipe removed from service on GM 136471 was reconditioned and used on GM 130004. This is based on:

- 1) Journal Voucher 174143, an accounting document which shows that 479 feet of 30" pipe is being credited to GM136471 and charged to GM130004. (see Attachment 15 from job file GM136471 which was also provided in NTSB_010-005-S1).
- 2) General Construction Department Material Procurement Order Form Nos. 15425 and 25970 which show receipts of the same footages of pipe as listed in the Journal Voucher above. (See Attachment 16 from job file GM130004 provided in this response.)
- 3) Combined Shipping Notice and Transfer No 04864 ships 487'9" of 30" pipe salvaged on GM 136471 (originally installed on GM 98015) to GM 130004. Freight and hauling was charged to GM136471 since it was the job that the pipe was salvaged on. Copy 3 and Copy 4 are carbon copies of one another. Copy 3 was located in the GM136471 job file and Copy 4 was located in the GM130004 job file (see Attachment 17 which provides both copies of form No. 04864. See job file GM136471 provided in NTSB_010-005-S1. Job file GM 130004 is provided in this response).
- 4) The footage of 30" pipe installed on GM 130004 (based on the GM 130004 construction drawings located in the GM 130004 job folder see file #1) is very close to the same footage of pipe reflected in the Combined Shipping Notice and

PACIFIC GAS AND ELECTRIC COMPANY San Bruno Gas Transmission Line Incident Data Response

Transfer No 04864 (approximately 482' of 30" was installed, compared to the 488' of 30" on the Shipping Notice) which reinforces the belief that 30" pipe was transferred from GM 136471 to GM 130004.

5) The 30" cross-tie was installed in October 1956 after permitting delays and a last minute design change which increased the pipeline size from 16" to 30" diameter pipeline. See overrun letter dated December 2, 1957 contained in GM 130004 job file from Mr. J.A. Love to Mr. A. J. Swank. The timing of the installation of both projects (GM 136471 was completed on July 1956 and GM 130004 was completed in October 1956) and the last minute change from 16" pipe to 30" pipe makes it probable that 30" pipe was not ordered but likely transferred from GM136471 to GM130004. See Attachment 18, from job file GM130004 provided with this response.

THIS PAGE NOT TO BE TYPED

	11110		THE P	diam I I I	the second
Code No					

	G. M. 1	3 0004 r	TEM 57/5.2	21
SIZE 30" 03 X, 375"-Wall DESCRIPTI	ON Neel A	P1 5- 2x, gra	de X-42	Ja
DWG AND/OR MFG. & CATA. No		C	7%	UN
	SHEET No.	QUANTITY	AMOUNT	Γ
Reg 5926-273 Additional charge for 7R 9693	261		80	29
Reg 5926-273 Additional charge for 7R 9693 MPO 15425	262	479	5348	57
		479	5428	86
3/0 BHI 24/8, Told to w/o 4017-9	267	479	5348	57
1	267	_	80	29
		-0-	-()-
			7743	
			201	
				Ti pic
		The same of the sa		

THE FOLLOWING MATERIAL FROM:

T					
.375" Well.	Pipe, steel, gas line, DW, 30" 0.D, X	ARTICLES	To GN 130004(2) C/o Bituminous Products & App	Was Shipped Via Warren Transportation Company	JOB GM 136471 (1) AUTHORIZED BY F.J. Pechagek
		MATERIAL	AWN OR S		BY Falls
	487 ft.	QUANTITY PRICE	roducts		Pechage
The same		PRICE	& AT		*
		AMOUNT	plication RDRAWN	DATE SE	
	5715.	PLANT LOCATION ACCOUNT OR ITEM NO. NUMBER	Co., Ric	pt. 4, 10	Coyota
		ACCOUNT NUMBER	hmon	956	
	1132	128 HOT 1871 A 1875 A 1	-		CALIF Oct
		138 4 554 155 110 AMPOON	CAUF.		Oct. 11 1956

Reused on GM 130004(2) Salvaged on GM 136471 Originally installed on GM 98015 (1949).

Note: Salvaged pipe was hauled to Richmond (see S/N T.J. for wrapping by Warren Trans. Co. After Jones #1070, R.O.)

wrapping, it was hauled to job site near

Morgan Hill by West Trans. Co.

					(
	-	234		0 -	lbd.
				ORIGINAL IDENTITY OF SALVAGE ITEMS RETURNED TO WAREHOUSE, OR TRANSFERRED. IN FORM DIFFERENT FROM ORIGINAL CHARGE, ALSO COMPOSITE UNITS.	Preight and hauling to be charged to GM 136471(
			25.	RM D	igh
				FFEE	et o
				TITY	nd
				OF 5	hai
				DRIG	111
				SINAL	38.
				EMS P	to
				RGE,	be
				ALSO ALSO	chi
				TO V	PP
				POSIT	d
				NO 3	to
				E, OR	MP
				TRA	136
				NSEE	47
				RED	2
					Ĭ
				0	
- 19				TOTAL	
×	×	×	×	1	
×	×	×	×		
×	×	×	×		
1			/		
	1	/			
	1				
/					
-			->		



DEBIT JOB NUMBER 130004 N

ME 136471

DIVISION 72

NUMBER_

F.M. Harvey/eal

No. 04864

Paci	FOR INTERDEPARTM		RECEIVED
	FIC GAS AND ELECT		
P. E. The Danny RE: Sm 13000	#	10	JUN 2 7 1955
To J. E. The	Mer FRO	M J. 9. 3	ore
Nanny	Iwate	John	HAFFELD
	, , , , ,	. 0	
RE: 5m 13000	4 - 30 py	ne	
		Date 6	26/52
		/	7
, ,	1 1		0 11
281 of piper	relevel on mpo	154/25 an	el 198 of
pipe ordered on			1 1
The ordered or	0 1.	110 was	usey on
W.O. 40176, 2	ocation 132, as	count 11240	w July 20, 1956
- Stwell b	en order for	you to	make the
to the	- le lica	111	1
related costs	anger of rose	of John	end other
Itwellas	some neces	rany to rear	ler 30 pipe
for for sm 1	30004		
Sent any.			. 1
The any	receiving seconds.	myour fo	ossession to
1. J. Jones, 3100	seneva and	Son Fre	neeses , Calif.
7 /			
REPLY			
		Date	
			1.
		9	- 12
	90	1 100	0
		AMM	1 3
		717 161	. As
		W/	Va Va
			Dr. 109
	Antes Company		25
		THE PARTY OF	NPO .
		BEELD'S SHE	
		The state of the s	

USE REVERSE SIDE WHERE NECESSARY

62-3304- -2000 PDS

FOR INTERDEPARTMENT USE PACIFIC GAS AND ELECTRIC COMPANY

RECEIVED

JUN 2 7 1956

TO_R. E. Wetter FROM_	J. A. Love N FIEL
Danny Iwata	John Walsh
RE: GM 130004 - 30" pipe	
	Date6/26/56
281' of pipe ordered on MPO 15425 and 198' of pipe	ordered on B/O MPO 25970 was
used on W.O. 4017G, Location 132, Account 1124 on	July 20, 1956.
It will be in order for you to make the necessary	transfer of costs of pipe and
other related costs.	
It will also be necessary to reorder 30" pipe for for	or GM 130004.
Send any receiving records in your possession to T.	J. Jones, 3100 Geneva Ave.,
San Francisco, Calif.	
CC: 15 Jones 4/27/14	
REPLY	Date
	110
	17 59
	Marie C/2
	المالما
78	16 38
Man.	po 35d 38
de W	00
Autor State to Mark Lines	

USE REVERSE SIDE WHERE NECESSARY

PACIFIC GAS AND ELECTRIC COMPANY

RICHMOND, EALIF.

SHAPPING INSTRUCTIONS TO FOLLOW

容。在, 物医下下层限

PACIFIC GAS AND ELECTRIC COMPANY GENERAL CONSTRUCTION FIELD OR

SUB-STORE FILE COPY

ITUMINOUS PRODUCTS & APP. CO.	DATE	PREFIX	NUMBER
TH & WRIGHT AVE.	12/27/55	7 R	9693

June 14, 1956

DATE RECEIVED AN 25 1956
West Transportation

CARRIER WARREN TRANSP

Shipping No. 5799
AMT.
A. E. Garrissere

E. WETTER

P. J. JUHESNAME IN FULL

BIANA AVE., SOUTH OF SAN JUSE, CAL CARRIER'S BILL NO.

RECEIVED BY

RECEIVED BY

CHECKED BY

WRITE NAME IN FILL

P. G. AND E. REPORTED ON RECEIVING RECORD NO QUANTITY DESCRIPTION MATERIAL NO. 281 Ft UNCOAD STOCK PILE, DOUBLE WRAP TO POSE CO. STANDARD SPECIFICATION AND LOAD OUT APPROX. 280 FT. 30" O.D., .375" WALL PIPE MATERIAL TO BE SUPPLIED BY POSE CO. COST PER FT. UNLOAD AND STOCKPILE COST PER PROCESS AND LOAD OUT CHANGE ORDER NO. 1 220 Ft CLEAN OLD DETERIORATED WRAPPUNG FROM 220 FT. OF 30" PIPE @ \$.20 PER FOOT. REQUIRED PRIOR TO 1/4/55

ORDER NO.

REC'D FROM

REMARKS

DATE

DIAMA AVE.

PREFIX NUMBER SUFFIX LOCATION ACCOUNT SUB-ORITEM NUMBER STORE

4

MAC DOMALD BITUMINOUS PRODUCTS - 1.05 PER FT. A.R. REID - - - - - 1.88 PER FT. AUB/DRS/MUV

PREFIX NUMBER 9693

PACIFIC GAS AND ELECTRIC COMPANY GENERAL CONSTRUCTION FIELD

SUB-STORE FILE COPY

BITUMINOUS PRODUCTS & APP. CO.

STH & WRIGHT AVE.

RICHMOND, CALIF.

DATE		PREFIX	NUMBER	
1/1	18/56	7 R	9693	

REC'D FROM

R.E. WETTER DIANA AVE., SO. OF SAN JOSE, CALIF.

RECEIVED BY_

WRITE NAME IN FULL

CHECKED BY.

	WRITI	NAME IN FULL	
QUANTITY	DESCRIPTION	P. G. AND E. MATERIAL NO.	PARTIAL SHIPMENT REPORTED ON RECEIVING RECORD NO.
	REFER TO ABOVE ORDER DATED 12/27/55 CALLING		
	FOR PIPE WRAPPING, ETC.		
	ADD THE FOLLOWING ITEM READING:		
	ITEM 2		
	CLEAN OLD DETERIORATED WRAPPING FROM 220 FT		
	OF 30" PIPE @ \$.20 PER FOOT		
	2/5		

ORDER NO.

REMARKS

DATE

15431

MAC DONALD

DRS MJV

PREFIX	NUMBER	SUFFIX	LOCATION OR ITEM	ACCOUNT NUMBER	SUB- STORE
GM	130004	5			552



NUMBER PREFIX MC #1

PURCHASED OR BACK ORDERED ON ORDER NO. INDICATE ON EACH PURCHASE ORDER 01.69% 25970 DIVISION 71 \Box OT WRITE IN THIS SPACE FOR PURCHASING
OR ACCOUNTING DEPARTMENT USE.
AMOUNT | TO SHEE NOT ACCT. NO. OFFICE STATE \sim -No. 1542 PREFIX PLACED ON SUBSTORE NUMBER No. 15425 105 HEAD OFFICE APPROVAL TON OC TOTAL. 3 3 7 20 1 10 15 E PRICE GENERAL CONSTRUCTION DEPARTMENT MATERIAL PROCUREMENT ORDER Jones PACIFIC GAS AND ELECTRIC COMPANY SHIPPED RECEIVING CLERK T. J. 381 SUFFIX DATE 04-1046 1.841.10 C/O FOREMAN 200 MATERIAL NUMBER ORDER NUMBER 13000% - w. о О С 6195 THE WARE PURCHASING & STORE'S DEPARTMENT: PLEASE FURNISH THE FOLLOWING MATERIAL A R T I C L E S
DESCRIBE ARTICLE PLAINLY AND FULLY, GIVE CATALOG AND
PAGE NUMBER OR DRAWING NUMBER WHEN NECESSARY 物等 主智 I O LOSSILLO PREFIX P 5005. HOLD FOR SHIPPING INSTRUCTIONS 44 24 25 June 14, で参考人 delivery 1/2/50 or sooner White West Transportation Co. F 18 CO. E I A A CONTRACTOR SERVED THE TARGET P DATE RECEIVED. 1000 AN ORDER WALL 2150070 (DESCRIBE JOB ON WHICH MATERIAL IS TO BE USED) THE SOLVE A MAN ANALES The second 5 --------四個本語 大學 () () ςÛ 2 uland ane. U) 5 j. CHK'D QUANTITY
BY WANTED CHARGEOR SHIP TO SUBSTORE NO. FORM NO. 010370 23M 12/52 - 8 \star FREIGHT } TOWN X ဥ DEPARTMENT CONSTRUCTION GENERAL RECEIVING RECORD