

Docket No. SA-534

Exhibit No. 2-AM

NATIONAL TRANSPORTATION SAFETY BOARD

Washington, D.C.

NTSB_011-008
MILPITAS WORK CLEARANCES
AUG THRU SEPT 2010

(9 Pages)

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

PG&E Data Request No.:	NTSB_011-008		
PG&E File Name:	San Bruno GT Line Incident_DR_NTSB_011-008		
Request Date:	September 14, 2010	Requesting Party:	NTSB
Date Sent:	September 15, 2010	Requestor:	NTSB (Sunil Shori)

QUESTION 8

Copies of all documentation related to all clearances issued for work occurring, or to occur, at PG&E's Milpitas Terminal, for the period August 1 through September 30, 2010 (original request for copies of clearance for SCADA or other work being performed on Line 132 prior to the incident was submitted to PG&E's Justin Nevin on 09/09/2010).

ANSWER 8

Please see attached Application for Gas Clearance.

**PRIVILEGED AND CONFIDENTIAL
PG&E PROPRIETARY INFORMATION**

SAN BRUNO_DR_NTSB_011-008



APPLICATION FOR GAS CLEARANCE

GENERAL INFORMATION	1. Clearance No. MIL-10-09		2. Revision No. 0	2a. Revision Date / Time	3. Orig Date Sent 8/19/10
	4. Gas Control Center S.F.		5. District/Division Milpitas		6. Job No. 30772051
	7. Clearance Supervisor TBD	8a. Office Tel No.	8b. Cell No.	9a. System <input checked="" type="checkbox"/> New <input type="checkbox"/> Std	9b. Non-System <input type="checkbox"/> New <input type="checkbox"/> Std

REFERENCE DRAWINGS	10a. Operating Maps with Change No. 382704	Sht. 4 of 4
	10b. Operating Diagrams with Change No. 383510	Rev. 53

SCHEDULE OF WORK	11a. Start Date 8/30/10	11b. Start Time 0600	11c. Completion Date 9/10/10	11d. Completion Time 1630	12. Facility Involved Milpitas Terminal
	13. Equipment or Location Milpitas UPS		14. Service Interruptions (See Page IV, Special Instructions) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ___ Total No. of Customer		15. Estimated Gas Volume Blown to Atmosphere (See Page III, Box H) N/A
	16. Description GC M&C remove old UPS system and install new UPS at Milpitas Terminal				
	17. Progress Report at Key Communication Steps (*) or not to exceed 2 Hours Maximum			18. Special Instructions <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If Yes, please go to Page 1) <i>All Valve Ops must be in the Sequence of Ops. Valve Ops are <u>not</u> to be included in the Special</i>	

AUTHORIZATION OF CLEARANCE			
	NAME	CONTACT NO	TODAY'S DATE
PREPARED BY:	Dave Boyd	408/ 483-4210	8/19/10
FIELD SUPERVISOR:	Dave Boyd	408/ 483-4210	8/19/10
APPROVED BY GAS CONTROL:	ROBERT QUIJALVO	415-973-3568	8/27/10

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PG&E Proprietary Information**

CLEARANCE:	REVISION:
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NOTIFICATIONS REQUIRED <i>(Check those completed by Gas Control)</i>	AGENCY	CONTACT NUMBER	<input checked="" type="checkbox"/> <i>(all that apply)</i>	PERSON NOTIFIED	TIME NOTIFIED	NOTIFIED BY WHOM	COMMENTS
	GAS CONTROL CTR	925-513-4859	X				
	FLYERS REQUIRED	NO	<input type="checkbox"/>				
	CALL CENTERS		<input type="checkbox"/>				
	AERIAL PATROL		<input type="checkbox"/>				
	AIRPORT		<input type="checkbox"/>				
	LAW ENFORCEMENT		<input type="checkbox"/>				
	FIRE DEPARTMENT		<input type="checkbox"/>				
	AIR QUALITY BOARD		<input type="checkbox"/>				
	PUBLIC RELATIONS		<input type="checkbox"/>				

DISTRIBUTION BY ORIGINATOR <i>(Checked ✓ Items are mandatory)</i>	AGENCY	LAN ID	MANDATORY
	SYSTEM GAS CONTROL	GSO SF CLEARANCE	✓
	SYSTEM TRANSMISSION SUPERVISOR	KEITH SLIBSAGER (KAS5)	✓
	OPERATIONS SUPERVISOR	BRAD SPAINHOWER (BSS2)	✓
	BRENTWOOD GAS CONTROL	GSOBOPS1	✓
	CLEARANCE SUPERVISOR	TBD	✓
	GT M&C MAINTENANCE SUPERVISOR	Dave Boyd	
	GT M&C SUPERINTENDENT		
	GAS T & R SUPERVISORS		
	AREA M&C SUPERINTENDENT		
	GE PIPELINE/FACILITY ENGINEER	Angela Rodriguez	✓
	TRANSMISSION SYSTEM PLANNING		
	DIVISION ENGINEERING		
	PROJECT ENGINEER	Alan Philips	✓
ENVIRONMENTAL ENGINEER			

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CLEARANCE:	REVISION:
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BLOWDOWN CLEARANCE GAS VOLUMES					
A. Tie In Date	B. Quarter	C. Transmission Line No.	D. Isolation Point No. 1	E. Isolation Point No. 2	F. Total Volume
Submitted By		Location		Tel No.	Today's Date

ESTIMATED GAS VOLUMES			
G. Starting Pressure Drafting	H. Ending Pressure Drafting	I. Starting Pressure X-Comp	J. Ending Pressure X-Comp
K. Gas Volume Saved from Drafting	L. Gas Volume Saved from X-Comp	M. Gas Volume Blown to Atmosphere (MMCF Unit)	

ACTUAL GAS VOLUMES			
N. Starting Pressure Drafting	O. Ending Pressure Drafting	P. Starting Pressure X-Comp	Q. Ending Pressure X-Comp
R. Gas Volume Saved from Drafting	S. Gas Volume Saved from X-Comp	T. Gas Volume Blown to Atmosphere (MMCF Unit)	

PURPOSE FOR REVISION CHANGE(S)					
Revision No.	Reason for Change				
Reported By	Date & Time	Reported To	Date & Time	Tel No.	Today's Date
Revision No.	Reason for Change				
Reported By	Date & Time	Reported By	Date & Time	Reported By	Date & Time

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CLEARANCE:

REVISION:

SPECIAL INSTRUCTIONS

Please list Special Instructions below

1.	Tech. to contact SF gas Control prior to work and at the completion of work. Tech.'s will be on site with GC M&C during work.
2.	Tech.'s that will be working on project are: Oscar Martinez 408/ 472-4220 and Rob Wagner 925/ 822-2490
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
All Valve Operations <u>must be</u> in the "Sequence of Operations" Valve Operations <u>are not</u> to be included in the "Special Instructions"	

** Indicate Key Communication steps with an asterisk (*) for communication and logging between Clearance Supv and Gas Cntrl Ctr*

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CLEARANCE:	REVISION:
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<p>A. Will Normal Function of the Facility be Maintained?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, please explain:</p> 	<p>B. Does Gas Control Centers Need to Change SCADA Alarms?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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SCADA TAG	SCADA ALARM DESCRIPTION	NORMAL HI-HI SETTING	CLEARANCE HI-HI SETTING	NORMAL LO-LO SETTING	CLEARANCE LO-LO SETTING

Maximum Welding Pressure _____	Maximum Tapping Pressure _____
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(Note: For Welding on Pressurized Pipelines Gauge Designation, Pressure Limits, Frequency of Observation and a Designated Field Employee or Crew to Observe are Required.)

GAUGE DESTINATION <i>(Provided by CS)</i>	LIMITS		FREQUENCY OF OBSERVATIONS	OBSERVED BY <i>(Assigned by CS/Job Supv)</i>
	Low	High		

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CLEARANCE:

REVISION:

SEQUENCE OF OPERATIONS

* Indicate Key Communication steps with an asterisk (*) for communication and logging between Clearance Supv and Gas Cntrl Ctr

*	OPRN NO.	LOC	OPERATION	VALVE NO.	TAGGED	REMARKS	COMPLETE D BY	TIME/ DATE
						Request Preliminary Clearance <i>(per Clearance Procedure Manual)</i>		
						Request Final Clearance <i>(Day of Job)</i>		
	1.					REPORT ON DAILY		
	2.					REPORT OFF		
	3.							
	4.							
	5.							
	6.							
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	22.							
	23.							
	24.							
	25.							

* NOTIFY GAS CONTROL CLEARANCE COMPLETE, EQUIPMENT IS RETURNED TO OPERATIONS

* SEND VIA FAX OR EMAIL TO GSO SF CLEARANCE AND GSM MAPPING DEPTS REDLINED CHANGES OF OM&D'S

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

PG&E Data Request No.:	NTSB_049-001		
PG&E File Name:	San Bruno GT Line Incident_DR_NTSB_049-001		
Request Date:	February 4, 2011	Requesting Party:	NTSB
Date Sent:	February 4, 2011	Requestor:	Operations (Chhatre)

QUESTION 1

NTSB requests the following documents be reviewed to determine whether PG&E would agree to not assert a claim of privilege.

- NTSB_008-004
- NTSB_008-004S1
- NTSB_011-008
- NTSB_004-004
- NTSB_004-001
- NTSB_014-006
- NTSB_036-004
- PIR print with overlay entitled "PIR between line 132 mlv 38.49 to MLV 40.05"
- NTSB_001-011
- NTSB_035-12
- NTSB_008-003

ANSWER 1

PG&E did not assert, or has agreed not to assert a claim of privilege for the following documents:

- NTSB_008-004
- **NTSB_011-008 (Names Redacted)**
- NTSB_004-004
- NTSB_004-001 (Amended)
- NTSB_014-006 (Name Redacted)
- NTSB_036-004
- PIR print with overlay entitled "PIR between line 132 mlv 38.49 to MLV 40.05" (NTSB_016-003)
- NTSB_001-011

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- NTSB_035-12
- NTSB_008-003

With respect to NTSB_008-004S1, PG&E is waiting for a response from NTSB in order to make a determination.