PACIFIC GAS AND ELECTRIC COMPANY

CHAPTER 5

ALLEGED DEFICIENCIES IN DATA REQUEST RESPONSES

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1		CHAPTER 5		
2	ALLEGED DEFICIENCIES IN DATA REQUEST RESPONSES			
3	In this chapter, we address the CPSD allegations regarding: (A) Gas Control			
4	audio recordings and transcripts; (B) Brentwood Alternate Gas Control facility			
5	security camera; (C) identification of PG&E employees at Milpitas Terminal; and (D)			
6	a service le	evel agreement regarding call logging services.		
7	A. Gas	s Control Audio Recordings and Transcripts		
8	1. Ga	as Control Phone Lines		
9		CPSD implies there are missing Gas Control recordings as PG&E has		
10	16	phone lines into the San Francisco Gas Control Room, and PG&E only		
11	pro	ovided recordings for 5 consoles. CPSD further notes its investigators did		
12	no	t follow-up on this discrepancy and recommends the issue be addressed		
13	int	the future. ¹		
14		PG&E provided all Gas Control recordings to CPSD, as requested, in its		
15	da	ta responses. ² The 16 phone lines identified by CPSD are programmed		
16	to	direct calls to each of the 5 consoles, where the calls are recorded, to		
17	en	sure no call goes unanswered or unrecorded. As a result, the recordings		
18	for	the 5 consoles are all calls recorded on September 9, 2010.		
19	2. Ga	as Control Audio Files		
20		CPSD asserts there are missing Gas Control audio files based on non-		
21	se	quential numbering of the audio files produced by PG&E. Additionally,		
22	CF	SD asserts PG&E failed to explain why some of the non-Gas Control		
23	au	dio files were after business hours and that PG&E did not produce		
24		idence of the other types of calls recorded on the evening of September 9,		
25	20	10. 3		
26		The numbering of the Gas Control audio files provided to CPSD is non-		
27	See	quential because the recording system also records phone calls from		
28		ner non-Gas Control PG&E departments, some of which, such as Energy		
29	Tra	ading, also work hours outside of 9 a.m. to 5 p.m., not because of missing		

Felts Supplement at 6.
 Exs. 5-1, 5-2, 5-3.
 Felts Supplement at 6.

- audio files, as explained in PG&E's response.⁴ CPSD's data requests did 1 not seek documentation regarding the calls recorded from the non-Gas 2 Control departments. Nonetheless, PG&E provides with this testimony a list 3 of every call recorded on September 9, 2010 by the recording system that 4 captures Gas Control phone calls.⁵ 5 3. Gas Control Audio Recording and Transcript Review 6 CPSD asserts at least one person that was present in the San Francisco 7 Gas Control room not identified by PG&E in a February 6, 2012 data 8 response⁶ was reviewing audio records of September 9, 2010 after 10.p.m. 9 CPSD bases this assertion on a Gas Control recording excerpt regarding 10 personnel working on a timeline, and implies the individual could have 11 deleted audio files.7 12 CPSD's assertion is based on the inaccurate conclusion that "[I]t would 13 be impossible for [REDACTED] to figure out when phone calls were made 14 and when things occurred without reviewing the call recordings for that 15 evening."⁸ The timeline referenced in the Gas Control recording CPSD cites 16 was created by a Gas Control employee from handwritten notes taken in 17 Gas Control during the events of September 9, 2010, as described in the 18 abnormal incident report provided in PG&E's data request response⁹ to 19 CPSD. That employee did not review Gas Control call recordings on 20 September 9, 2010 to create the referenced timeline. 21 4. Gas Control Audio Transcripts 22
- CPSD, relying on differences in words and punctuation, asserts PG&E's
 transcription of the September 9, 2010 Gas Control recordings were
 inaccurate. CPSD bases this assertion on a comparison of PG&E's
 - **4** Ex. 5-4.
 - **5** Ex. 5-7.
 - 6 Felts Supplement at 6-7.
 - 7 Felts Supplement at 6.
 - **8** Ex. 5-5.
 - 9 Ex. 5-6.

transcript to CPSD's "independent transcript", and further asserts there are
 missing audio files.¹⁰

The differences CPSD identifies result from different transcribers 3 transcribing recordings that are not always clear and that contain uncommon 4 5 names and words specific to PG&E's natural gas pipeline system and operations. The NTSB transcription of the same Gas Control recordings 6 provides another example of how different transcribers will produce 7 transcripts with different words when transcribing the same recordings.¹¹ 8 Additionally, and as discussed in Section 1 above, there are no missing 9 audio files. 10

B. Brentwood Alternate Gas Control Facility Security Camera

12 CPSD alleges that PG&E provided contradictory data responses regarding 13 video recordings at the Brentwood Alternate Gas Control facility and that this 14 constitutes a violation of Rule 1.1, Commission Executive Director Preservation 15 Order, and Commission Resolution No. L-403. CPSD supports these 16 allegations through PG&E data request responses¹² related to an internal video 17 camera, Camera 6, at the Brentwood Alternate Gas Control facility.¹³

PG&E provided a response¹⁴ to CPSD on October 10, 2011 which 18 19 contained the known facts at that time. On March 9, 2012, PG&E provided a revised response¹⁵ which contained new facts PG&E became aware of 20 regarding the Brentwood Alternate Gas Control facility security camera, namely, 21 that no video was recorded from the security camera on the digital video 22 recorder (DVR). As PG&E self-disclosed the new facts to CPSD and revised 23 prior responses¹⁶. the alleged Rule 1.1 violation is unwarranted. Additionally, 24 Camera 6 recorded only video images, and all Gas Control audio recordings 25 from September 9, 2010 are available, as described in Section A.2 above. 26

16 Exs. 5-8, 5-9, 5-10, 5-11, 5-12.

¹⁰ Felts Supplement at 7-8.

¹¹ See NTSB Ex. 2Y and Addendum to Ex. 2Y, Docket No. SA-534.

¹² Ex. 5-8.

¹³ Felts Supplement at 1-5.

¹⁴ Ex. 5-8.

¹⁵ Ex. 5-9.

C. Identification of PG&E employees at Milpitas Terminal

2 CPSD asserts PG&E violated Rule 1.1 by failing to identify all of the people 3 in Milpitas that were handling the pressure problems on September 9, 2010. In 4 support of this, CPSD alleges PG&E omitted the name of the Supervisor for the 5 Milpitas Terminal, who was present after 5 PM, from PG&E's responses 6 to CPSD.**17**

CPSD requested the names of field crew personnel who had access to 7 operating diagrams at the Milpitas Terminal¹⁸, and the names of maintenance 8 personnel and the maintenance supervisor headquartered at the Milpitas 9 Terminal and their work hours on September 9, 2010.¹⁹ Neither of the data 10 requests asked PG&E to identify all of the people at the Milpitas Terminal 11 handling the pressure problem on September 9, 2010, or all of the people who 12 13 were present after 5 PM at Milpitas Terminal. The alleged violation is based on 14 a question that was not asked.

15 D. Call Logging Services (Verint) Contract

CPSD alleges PG&E's inability to produce a copy of the Verint Service Level
 Agreement as it existed on September 9, 2010 amounts to a violation of Section
 451, Commission Executive Director Preservation Order, and Commission
 Resolution No. L-403.²⁰
 PG&E located the Verint Service Level Agreement in effect on September 9,

2010 and provided it to CPSD in a Supplemental data response²¹ dated May
31, 2012.

23

¹⁷ Felts Supplement at 8.

¹⁸ Ex. 5-13.

¹⁹ Ex. 5-14.

²⁰ Felts Supplement at 8-9.

²¹ Ex. 5-15.

PACIFIC GAS AND ELECTRIC COMPANY CHAPTER 6 STATEMENTS OF QUALIFICATIONS

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PACIFIC GAS AND ELECTRIC COMPANY 2 STATEMENT OF QUALIFICATIONS OF BENEDICT J. ALMARIO

- 3 Q 1 Please state your name and business address.
- A 1 My name is Benedict J. Almario, and my business address is Pacific Gas and
 Electric Company, 245 Market St., San Francisco, California.
- 6 Q 2 Briefly describe your responsibilities at Pacific Gas and Electric Company
 7 (PG&E).

8 A 2 I am currently the Director of Electric Operations' Emergency Management 9 department. In this position, I am responsible for coordinating the overall 10 response to large electric emergencies such as significant winter storms. I am 11 also responsible for overseeing the financial program management functions for 12 the electric emergency recovery program. In 2010, I was the Director of 13 Incident Command. I was responsible for gas and electric preparedness 14 activities. I also oversaw event response for significant events, both gas and 15 electric.

- 16 Q 3 Please summarize your educational and professional background.
- 17A 3I received a Bachelor of Science degree in Business Management from Saint18Mary's University, in 1996, and a Master of Business Administration with an19emphasis in Finance from California State University East Bay in 2000. I joined20PG&E in 1990 beginning my career in the Power Generation organization21overseeing operations and maintenance departments. In 2000 I transferred to
- Transmission and Distribution (T&D) operations where I held a series of
 positions of increasing responsibility. These positions were in the fields of T&D
 operations, emergency response, strategic planning, and financial program
- 25 management administration.
- 26 Q 4 What is the purpose of your testimony?
- A 4 I am sponsoring Chapter 4.F.1, PG&E's Emergency Response.
- 28 Q 5 Does this conclude your statement of qualifications?

29 A 5 Yes.

PACIFIC GAS AND ELECTRIC COMPANY 2 STATEMENT OF QUALIFICATIONS OF CHRISTINE C. CHAPMAN

- 3 Q 6 Please state your name and business address.
- A 6 My name is Christine C. Chapman, and my business address is Pacific Gas
 and Electric Company, 375 North Wiget Lane, Walnut Creek, California.
- 6 Q 7 Briefly describe your responsibilities at Pacific Gas and Electric Company
 7 (PG&E).
- A 7 As Director of Distribution Integrity Management within Gas Operations, I am
 responsible for the leadership and oversight of an organization focused on
 assessing the integrity of the distribution system. I am also responsible for the
 development of a strategic integrity management plan for the entirety of PG&E's
 distribution assets. In addition, I oversee PG&E's damage prevention program.
- 13 Q 8 Please summarize your educational and professional background.
- A 8 I received a Bachelor of Science degree in Mechanical Engineering from the
 University of California (UC), Berkeley and a Master of Business Administration
 from UC Berkeley, Haas School of Business. I am also a Registered
 Professional Mechanical Engineer in the State of California.
- I started with PG&E in 2001 as a summer intern in the gas distribution
 organization and after graduating from UC Berkeley began a full-time position
 as a gas engineer. Since then, I have held a variety of positions with increasing
 levels of responsibility in the Gas Engineering and Operations organization,
 mainly focused on gas distribution functions.
- In 2008, I transitioned to PG&E's Human Resources department where I
 held various leadership roles. I returned to Gas Operations in January of 2012
 as the Director of Distribution Integrity Management.
- 26 Q 9 What is the purpose of your testimony?
- A 9 I am sponsoring Chapter 3.F., Leak Records, and 3.G., the Quality of GIS Data.
- 28 Q 10 Does this conclude your statement of qualifications?

29 A 10 Yes.

PACIFIC GAS AND ELECTRIC COMPANY 2 STATEMENT OF QUALIFICATIONS OF DAVID HARRISON

- 3 Q 11 Please state your name and business address.
- A 11 My name is David Harrison. My business address is Pacific Gas and Electric
 Company, 2700 Ygnacio Valley Blvd., Walnut Creek, California.
- 6 Q 12 Briefly describe your responsibilities at Pacific Gas and Electric Company
 7 (PG&E).
- A 12 I am a Technical Consultant for PG&E working on the MAOP Validation Project.
 My responsibilities include developing processes and criteria for reviewing,
 analyzing, and recording key information associated with PG&E's gas
 transmission pipelines. I also manage a group of professionals who work on
- 12 various technical and records management processes.
- 13 Q 13 Please summarize your educational and professional background.
- 14A 13I have a Bachelor of Science degree in Mechanical Engineering from the15University of California at Santa Barbara. I am a Registered Professional
- 16 Engineer in the State of California. I also have a Master of Business
- 17 Administration from San Jose State University. I hold certificates in computer
- 18 programming from University of California at Santa Cruz. I worked for PG&E
- 19from 1983 to 1999, holding positions of increasing responsibility in the areas of20engineering, construction, maintenance, and operations. From 1999 to 2009, I21worked in various computer companies. Since 2009, I have worked on PG&E
- 22 projects as a Technical Consultant.
- 23 Q 14 What is the purpose of your testimony?
- A 14 I am sponsoring Chapter 3.C., How PG&E Has Historically Used Gas Pipeline
 Records; Chapter 4.A., Segment 180 Records Related to Construction and
 Reconditioned Pipe; and Chapter 4.B., Post-Installation Pressure Test and
 Records for Segment 180.
- 28 Q 15 Does this conclude your statement of qualifications?

29 A 15 Yes.

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PACIFIC GAS AND ELECTRIC COMPANY 2 STATEMENT OF QUALIFICATIONS OF M. KIRK JOHNSON

- 3 Q 16 Please state your name and business address.
- A 16 My name is M. Kirk Johnson. My business address is Pacific Gas and Electric
 Company, 77 Beale St., San Francisco, California.
- 6 Q 17 Briefly describe your responsibilities at Pacific Gas and Electric Company
 7 (PG&E).
- A 17 I am Vice President of Gas Transmission Maintenance and Construction for
 PG&E. I am responsible for the gas transmission function for PG&E's entire
 service territory and mange responsibilities such as the execution of the
 Pipeline Safety Enhancement Plan, hydrostatic pressure testing and liquid
 natural gas pipeline services.
- 13 Q 18 Please summarize your educational and professional background.
- 14A 18I received a Bachelor of Science degree in Mechanical Engineering from the15University of California, Davis and a Master of Business Administration from
- 16 California State University, Hayward. I joined PG&E in 1980 and held
- 17 leadership roles with Gas System Operations, Gas Transmission Products and
- 18 Sales, Gas Maintenance and Technical Support, and Maintenance and
- 19 Construction. I became Vice President of Gas Engineering and Construction in
- 20 October 2010, and have held my current position since August 2011.
- 21 Q 19 What is the purpose of your testimony?
- 22 A 19 I am sponsoring Chapter 3.B., PG&E's Gas Transmission System.
- 23 Q 20 Does this conclude your statement of qualifications?
- 24 A 20 Yes.

PACIFIC GAS AND ELECTRIC COMPANY 2 STATEMENT OF QUALIFICATIONS OF MARK KAZIMIRSKY

Q 21 Please state your name and business address. 3 4 A 21 My name is Mark Kazimirsky. My business address is Pacific Gas and Electric 5 Company, 375 North Wiget Lane, Walnut Creek, California. 6 Q 22 Briefly describe your responsibilities at Pacific Gas and Electric Company 7 (PG&E). 8 A 22 I am a Principal Engineer in charge of the Supervisory Control and Data 9 Acquisition (SCADA) and Controls Group in the Gas Transmission Engineering 10 department. 11 Q 23 Please summarize your educational and professional background. 12 A 23 I have an engineering degree in Electromechanical Engineering from the 13 Institute of Technology, Odessa, Ukraine. I have been with PG&E for over 32 14 years in various engineering and management positions. I have extensive 15 experience in gas system operations, SCADA, control systems and automation 16 technologies for the natural gas industry. 17 What is the purpose of your testimony? Q 24 18 A 24 I am sponsoring Chapter 4.D., Milpitas Terminal on September 9, 2010, and 19 Chapter 4.E., Supervisory Control and Data Acquisition (SCADA) System. Q 25 20 Does this conclude your statement of qualifications? A 25 21 Yes.

PACIFIC GAS AND ELECTRIC COMPANY STATEMENT OF QUALIFICATIONS OF SARA B. PERALTA

- 3 Q 26 Please state your name and business address.
- A 26 My name is Sara B. Peralta, and my business address is Pacific Gas and
 5 Electric Company, 375 North Wiget Lane, Walnut Creek, California.
- 6 Q 27 Briefly describe your responsibilities at Pacific Gas and Electric Company
 7 (PG&E).
- A 27 I am currently the Director of Gas Operations' Quality and Improvement
 department. In this position, I am responsible for overseeing quality control,
 quality assurance, and other improvement activities across PG&E's gas
 transmission and distribution organizations. In 2010, I was the Manager of
 Integrity Management.
- 13 Q 28 Please summarize your educational and professional background.
- 14A 28I received a Bachelor of Science degree in mechanical engineering from15California Polytechnic State University, San Luis Obispo. I am a National16Association of Corrosion Engineers (NACE) certified Cathodic Protection17Technologist (Level 3). I joined PG&E in 2002 in the Gas Distribution and
- 18 Planning Engineering department. I then helped build PG&E's gas
- 19 transmission Integrity Management program as an External Corrosion Direct
- 20 Assessment (ECDA) field engineer. I progressed to the position of ECDA
- 21 project engineer, with supervisory responsibilities for the ECDA field engineers.
- 22 After four years in the Integrity Management department, I moved to the
- 23 Maintenance and Construction organization as a field supervisor. In 2009, I
- returned to gas engineering as the Manager of Integrity Management, where I
- 25 was responsible for risk management, integrity assessment implementation,
- and the operator qualification program for both the transmission and distribution
 systems. In January 2012, I became the Director for Quality and Improvement
- 28 for PG&E's Gas Operations.
- 29 Q 29 What is the purpose of your testimony?
- 30 A 29 I am sponsoring Chapter 3E, Integrity Management and Records.
- 31 Q 30 Does this conclude your statement of qualifications?
- 32 A 30 Yes.

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PACIFIC GAS AND ELECTRIC COMPANY STATEMENT OF QUALIFICATIONS OF STEVEN H. PHILLIPS

- 3 Q 31 Please state your name and business address. 4 A 31 My name is Steven H. Phillips, and my business address is Pacific Gas and 5 Electric Company, 77 Beale Street, San Francisco, California. Q 32 6 Briefly describe your responsibilities at Pacific Gas and Electric Company 7 (PG&E). 8 A 32 I am the Director of Regulatory Strategy and Compliance in the Customer 9 Operations Department of PG&E's Customer Care organization. As such, I am 10 responsible for managing Customer Operations participation in various 11 proceedings before the CPUC, including the General Rate Case and for 12 ensuring compliance within Customer Operations with various rules and 13 regulations such as SEC reporting, SOX assessments, etc. 14 Q 33 Please summarize your educational and professional background. A 33 I received a bachelor of science degree in mechanical engineering from the 15 16 University of Wyoming in 1971. I am registered in the state of California as a 17 professional engineer in mechanical engineering. In May 1972, I joined PG&E as a gas engineer. From 1972 through 1993, I 18 19 worked in various engineering and operations positions within PG&E's Gas 20 department. From 1993 to 2002, I worked in several departments including 21 Marketing, Information Technology and Internet Services. 22 In late 2002, I joined Customer Operations as manager of Contact Center 23 Enhancements, which was responsible for implementing new and maintaining 24 existing technologies for PG&E's Contact Centers, Credit and Collections Department and Local Offices. In 2007 I became Senior Manager of Office 25
- 26 Services where I was responsible for the operation of PG&E's 75 customer
- service offices and approximately 600 Neighborhood Payment Centers. I have
 testified in numerous CPUC proceedings. In January 2012, I assumed my
 present position.
- 30 Q 34 What is the purpose of your testimony?

- A 34 I am sponsoring Chapter 2.A, Overview of PG&E's Records Retention
 Standards and Practices, and Chapter 4.C, Records Used by PG&E to
 Establish MAOP for Line 132.
- 4 Q 35 Does this conclude your statement of qualifications?
- 5 A 35 Yes.

PACIFIC GAS AND ELECTRIC COMPANY STATEMENT OF QUALIFICATIONS OF KAREN S. ROTH

3 Q 36 Please state your name and business address. A 36 4 My name is Karen S. Roth and my business address is Pacific Gas and 5 Electric Company, 375 North Wiget Lane, Walnut Creek, California. 6 Q 37 Briefly describe your responsibilities at Pacific Gas and Electric Company 7 (PG&E). 8 I am the Director of Codes and Standards in the Standards and Policies A 37 9 Department of PG&E's Gas Operations organization. In this position I am 10 responsible for developing and maintaining the guidance documents 11 including standards and procedures that define how Gas Operations work is 12 performed. 13 Q 38 Please summarize your educational and professional background. 14 A 38 I received a Bachelor of Science degree in Mechanical Engineering from the 15 University of California at Davis in 1981. I joined PG&E that same year and 16 have worked in a variety of engineering and leadership positions across 17 PG&E's service territory focusing primarily on gas distribution and gas 18 transmission. Beginning in 2005, I spent approximately five years in 19 Finance in the areas of program management and business case 20 development, returning to Gas Operations as the Director of Gas 21 Maintenance and Construction in the Northern Region in 2010. In 2011, I 22 joined Gas Engineering as the Director of Integrity Management and 23 assumed my current position in October 2011. 24 Q 39 What is the purpose of your testimony? 25 A 39 I am sponsoring Chapter 3.D., Earthquake Risks and the GPRP. Q 40 26 Does this conclude your statement of qualifications? 27 A 40 Yes.

PACIFIC GAS AND ELECTRIC COMPANY

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2 STATEMENT OF QUALIFICATIONS OF JONATHAN E. SEAGER

3 Q 41 Please state your name and business address. A 41 4 My name is Jonathan E. Seager, and my business address is Pacific Gas 5 and Electric Company, 77 Beale Street, San Francisco, California. 6 Q 42 Briefly describe your responsibilities at Pacific Gas and Electric Company 7 (PG&E). 8 I am a Principal Regulatory Case Manager in the Regulatory Relations A 42 9 organization, responsible for case management of CPUC jurisdiction 10 proceedings. 11 Q 43 Please summarize your educational and professional background. 12 A 43 I received a Bachelor of Science degree in Business Administration with an 13 emphasis in management information systems and a minor in economics 14 from San Jose State University, and a Master in Business Administration 15 degree with an emphasis in Finance from the University of San Francisco. I 16 have been employed at PG&E since 2005, have held analytical and support 17 positions in various PG&E organizations, and have sponsored testimony 18 before the Commission. Prior to my employment at PG&E, I worked at 19 Salas O'Brien Engineers where my responsibilities included project analysis 20 and information system administration. 21 Q 44 What is the purpose of your testimony? 22 A 44 I am sponsoring Chapter 5, Alleged Deficiencies in Data Request 23 Responses. 24 Q 45 Does this conclude your statement of qualifications? 25 A 45 Yes.

PACIFIC GAS AND ELECTRIC COMPANY STATEMENT OF QUALIFICATIONS OF SUMEET SINGH

3 Q 46 Please state your name and business address.

- A 46 My name is Sumeet Singh, and my business address is Pacific Gas and
 Electric Company, 2700 Ygnacio Valley Road, Walnut Creek, California.
- 6 Q 47 Briefly describe your responsibilities at Pacific Gas and Electric Company
 7 (PG&E).
- 8 A 47 As senior director of the Asset Knowledge Management organization within 9 Gas Operations, I am responsible for the leadership and oversight of an 10 organization focused on providing and sustaining real-time, traceable, 11 verifiable, complete and accurate gas transmission and distribution asset 12 information. The organization has accountability for overseeing the Records 13 verification and MAOP validation effort, producing maps, managing 14 records, developing a gas distribution geospatial information system, 15 ensuring data quality, and maintaining technology and tools.
- 16 Q 48 Please summarize your educational and professional background.
- 17 A 48 I received a Bachelor of Science degree in Civil and Environmental 18 Engineering from the University of California, Berkeley and a Master of 19 Business Administration degree from University of California, Los Angeles 20 Anderson School of Management. I am also a registered professional civil 21 engineer in the state of California. I started with PG&E in 2000 as a gas 22 engineer after graduating from UC Berkeley and have held a variety of 23 positions with increasing level of responsibilities in the Gas Engineering and 24 Operations organization both in the Gas Distribution and Gas Transmission 25 Departments. I resigned from the company in 2006 to pursue my master's 26 degree and returned in 2008 as a member of the Master of Business 27 Administration Leadership Development Program. Since returning to PG&E, 28 I have held leadership roles within Finance and Energy Procurement's
- 29 Renewable Resource Development organizations.
- 30 I previously sponsored testimony before the California Public Utilities
- 31 Commission for the Pipeline Safety Enhancement Plan (R.11-02-019).
- 32 Q 49 What is the purpose of your testimony?

- 1 A 49 I am sponsoring Chapter 1.D., Gas Transmission Records Improvement
- 2 Efforts.
- 3 Q 50 Does this conclude your statement of qualifications?
- 4 A 50 Yes.

PACIFIC GAS AND ELECTRIC COMPANY STATEMENT OF QUALIFICATIONS OF KEITH SLIBSAGER

3	Q 51	Please state your name and business address.
4	A 51	My name is Keith Slibsager. My business address is Pacific Gas and
5		Electric Company, 77 Beale St., San Francisco, California.
6	Q 52	Briefly describe your responsibilities at Pacific Gas and Electric Company
7		(PG&E).
8	A 52	I am a Manager in the Gas System Operations department. I have
9		responsibility for the gas control room operations including the remote
10		monitoring and controlling function of the pipeline and management of the
11		natural gas pipeline inventory.
12	Q 53	Please summarize your educational and professional background.
13	A 53	I have a Bachelor of Science degree in Agriculture/Plant Science from
14		California State University of Fresno. I have worked at PG&E for 29 years,
15		holding various positions of increasing responsibility in gas operations.
16	Q 54	What is the purpose of your testimony?
17	A 54	I am sponsoring Chapter 4.D., Milpitas Terminal on September 9, 2010; and
18		Chapter 4.E., Supervisory Control and Data Acquisition (SCADA) System.
19	Q 55	Does this conclude your statement of qualifications?
20	A 55	Yes.