



Disaster Recovery Workshop

Date: March 30, 2006

Location: Milton Marks Conference Center

San Diego Room B/C

455 Golden Gate Avenue (Lower Level)

San Francisco, CA 94102

Parking: There is an existing underground pay parking at the site.

Attendees are encourage to use public transportation (Muni or Bart)

Agenda:

7:30 a.m. Registration

7:45 – 8:15a.m. Breakfast

8:15 – 8:20 a.m. Opening Remarks

8:20 – 9:50 a.m. PG& E's Disaster Action Plan (Speaker: Thomas Siegel)

Presentation Description:

Electricity has become so fully incorporated into our daily and professional lives that the only time we notice it is when it is not available. We expect that electricity will be available upon demand. To meet this expectation, Electric utility professionals must be prepared to respond when the unexpected happens. Someday, somewhere a blackout will occur and the utility dispatchers and operators may need to restore service to millions of customers. This talk will review the restoration process and pitfalls and the decisions that dispatchers need to make as well the priorities that help drive the decision process.

Speaker's Profile:

Tom Siegel is a Supervising Engineer in Electric System Operations at Pacific Gas & Electric and works extensively on Electric System Restoration, Emergency Operations Support and Voltage Control. Tom has over 16 years of industry experience at PG&E, the California Independent System Operator and PECO Energy. Tom earned his BSEE and MS degrees at Ohio University in Athens, Ohio.

9:50 - 10:00 a.m. 10 Minutes Break

10:00 – 11: 30 a.m. Overview of Earth Quake Related Effects on Electric Power System (Speaker: Stig L. Nilsson, P.E.)

Presentation Description:

A discussion of the risk for earth quake damage to the major (bulk power) transmission system, and some examples about design features that increases the risk for major equipment damage and long duration outages.

A discussion on Utilities' primary needs before a disaster hits.

- Disburse spare parts inventory**
- Reconfiguration of the Electric Transmission System**
- Secure advance helicopter service**
- Back up plan in case if communication system is unavailable**

Speaker's Profile:

Mr. Stig Nilsson, Director for the Electrical practice and a Principal Engineer based in Exponent's Menlo Park, California where he specializes in electrical and control system issues. He has expertise in communications, supervisory control, and digital protective relaying systems, as well as off-line and on-line equipment monitoring systems. He also has extensive experience in the design, installation, testing, operation, and maintenance of AC and high-voltage DC stations, as well as with equipment and auxiliary systems used in these facilities. Mr. Nilsson has analyzed numerous equipment failures and power system disturbances, including assessing damages and developing restoration strategies after earthquakes and other similar disasters. He was engaged as an expert auditor to assess the utility industry's readiness for the transitions into the year 2000.

Prior to joining Exponent, Mr. Nilsson was an independent consultant. He has served as Executive Vice President of Silicon Power Corporation, Corporate Vice President for Energy Management & Research, Inc.,

Executive Engineer at EPRI, Program Manager at Boeing Computer Services, Control System Engineer at ABB, and Maintenance Engineer at the Swedish State Telephone Board. Mr. Nilsson served in the military in Sweden as a communications technician.

11:30 – 12:30 noon Lunch

**12:30 – 2:00 p.m. Business Continuity Planning –More Challenges to Come?
(Speaker: Cole Emerson MBCP CPP)**

Presentation Description:

In today's business environment, utilities face significant risks that may impact delivery and business process optimization. Nationwide, energy executives are assessing risks that could result in business interruption and/or financial loss, and implementing appropriate mitigation strategies and enterprise-wide business continuity plans (which include crisis management and emergency response processes).

This presentation will discuss the compliance requirements for having business continuity plans, what energy firms are currently doing to comply with existing regulations and what benchmark studies indicate regarding the current state of business continuity management in large utilities.

Speaker's Profile:

Mr. Cole Emerson a Sacramento California based Director specializing in Business Continuity Management serves as the BCM Product Champion for the Western Region and is one of the national thought leaders for BCM within KPMG. Cole has over 29 years of experience in developing and evaluating many aspects of enterprise risk management, including Business Continuity, Crisis Management, Disaster Recovery, Data and Vital Records Management and Project Risk Management for national and international businesses and governments.

Cole received a Bachelor of Science in Business Administration from the University of Redlands and his Master Business Continuity Professional (MBCP) certification – one of less than 70 globally - from DRII. The American Society for Industrial Security (ASIS) certifies Mr. Emerson as a Board Certified Protection Professional.

Prior to joining KPMG, Cole managed his own firm for 12 years, where he developed and implemented Business Continuity, Crisis Management, and Disaster Recovery programs for Fortune 500 companies. Cole has extensive and unique experience utilizing business continuity plans and managing recovery teams in actual major disasters.

Cole currently sits as a member of the Board of Directors for Disaster Recovery Institute International (DRII) the leading

2:00-2:10 p.m. 10 Minutes Break

**2:10 – 3:40 p.m. City and County of San Francisco’s Disaster Recovery Plan
(Speaker: Greg Suhr)**

Presentation Description:

A discussion of San Francisco’s Emergency Preparedness from both Police Department and Water Utility perspective. The presentation will include:

- **What was done in the past? (Loma Prieta Earthquake of 1989)**
- **Preparations in the post 9/11 era.**

Basically to answer the question, where we would be if a calamity happens tomorrow?

Speaker’s Profile:

Greg Suhr is the current Deputy Chief of the San Francisco Public Utilities Commission for Homeland Security. He is in charged with securing the San Francisco’s Hetch Hetchy Water Delivery System. Chief Suhr is a fourth generation San Franciscan and has 25 years experience with the SFPD. During his tenure with the Police Department he was on the streets during the Loma Prieta Earthquake in 1989 and has overseen some of the City’s largest events including but not limited to: Halloween in the Castro, the New Year’s Eve Millenium Celebration on the Embarcadero, and The World Series. He has commanded both Special Operations and Patrol with specific citywide Homeland Security responsibilities from 9/11 to the present date.

Greg has a Bachelor of Science Degree in Business Administration from the University of San Francisco. Additionally, Greg has numerous professional certifications. Immediately prior to being assigned to the SFPUC Greg was responsible for all personnel assigned to Field Operations in the City and County of San Francisco. Included among Greg’s command was the Police Department’s Homeland Security Unit. Greg has worked closely with Federal, State, and local agencies on preparedness, response, and recovery to disaster and has close ties to the community as well.

3:40 p.m. Closing Remarks

Workshop Fee: (Includes Breakfast and Lunch)

- **IEEE Members: \$ 125.00**
(Please attach your IEEE Number with the Payment)
- **Non-members: \$ 150.00**

Payment Instruction:

- check payable to: *PES*
- send check to: *Michael Bachiller*
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