

San Francisco Chapter Meeting Notice: Tuesday – January 27, 2004

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“Electrical Safety in the Workplace”

A Technical Briefing on NFPA 70 Code, adoption and enforcement, necessary steps to achieve compliance, and solutions to minimize the impact of Arc Flash events”

by: Mr. Jonathan C. Clough, PE - Schneider Electric SQ-D Services

NFPA 70E and its impact on worker safety and work practices – What has changed in the Code. Definition and examples of Arc Flash events. What is the impact of non-compliance (with NFPA 70E) on worker safety and the related, equipment maintenance problems. Necessary steps for compliance.

Why Fault and Coordination Studies are crucial to understanding your risks – An overview of fault and coordination studies, protective personal equipment and equipment labeling, and related engineering services. Engineering study elements to assess Arc Flash Hazards, How circuit breaker trip settings can affect level of Personal Protective Equipment, Equipment labeling

Solutions, Products, and Services to minimize Arc Flash Hazards in a Facility – Specific equipment solutions, services, and products to minimize arc flash hazards and worker safety concerns. Equipment refurbishment / life extension to minimize effect of arc Flash Hazards, Solutions to remove the worker from the hazard area, Worker training programs.

Jonathan C. Clough was born in Long Island, NY in 1958. University of NH - BSEE 1986; Keene State College – AS Industrial Electronics; New Hampshire Technical College – AS Industrial Electricity. Prior to earning his degree, Jon served in the U.S. Coast Guard for 3 years as an electrician aboard the CG Cutter Yocona in Oregon. Jon joined General Electric in New Hampshire for 3 years as an electrical test engineer in the Somersworth Meter Business Department. In 1987, Jon returned west as an Electrical Project Engineer for Port Townsend Paper in Washington State. In 1991, he was promoted to plant Electrical Superintendent and assumed responsibility for all electrical project engineering and maintenance for the 810 ton/day pulp and paper plant. In 1996, Jon joined Kaiser Aluminum as the Electrical Superintendent over the Can finishing plant in Spokane, WA. In 1999, Jon joined Schneider Electric as a Staff Engineer responsible for power system consulting services for the North American Services Division Microelectronics/Aviation Strategic Accounts. He has authored technical papers in Plant Engineering and Controls Magazine. Mr. Clough is an IEEE Power Engineering Society Member and a registered Professional Engineer in Washington State.



Date: **Tuesday January 27th, 2004**

Time: 5:30 pm (Attitude Adjustment)
6:00 pm (Meeting)

Location: Sinbad's Restaurant
Pier 2 Embarcadero Street
San Francisco, CA 94111
415.781.2555

Cost: \$25 (At the door)
\$25 (email pre-registration qualifies for drawing of IEEE Color Book at dinner)

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