



NACE
INTERNATIONAL

SAN FRANCISCO
SECTION

Join Us... January 14, 2014

2012 – 2013 Officers

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Date	Location
Tuesday, January 14th	Zio Fraedo's Restaurant 611 Gregory Lane, Pleasant Hill, CA. (925) 933-9091

Time: No Host Bar 5:30 pm • Dinner 7:00 pm • Program 7:45 pm
Cost: \$15 NACE members, \$25 non-members
\$10 students and retirees

Please RSVP by Thursday, January 9th by email to Michelle Anderson at mlanderson@corrpro.com, or by phone at (510) 381-1414.

To insure affordable gatherings, please plan to pay the dinner fee when you attend the no-host bar portion of our program.
Cancellation deadline is Friday, January 10th. No shows will be billed!

Meeting Location / Directions: Please see attachment

Transmission Pipeline Safety in the Natural Gas Industry

Bennie Barnes, Chief Engineer for Gas Operations, PG&E

Our speaker, Mr. Bennie Barnes of PG&E, will address pipeline safety for gas transmission pipelines. Pipeline safety for systems transmitting potentially hazardous materials is regulated by the government. However, the asset owner also has a moral obligation to public safety. This presentation will address the issue of public safety provided by utilities by describing the various threats associated with pipeline transmission of hazardous/dangerous materials, and what the pipeline industry is doing to mitigate the risk to human life and property by pipeline failures. There are nine threats to public safety that can be grouped under three major categories: 1) time dependent concerns, 2) time independent concerns, and 3) stable/resident concerns. The speaker will describe these categories and each of the nine safety threats, and then explain what the natural gas transmission industry is doing to reduce the risk to public safety. Mr. Barnes will also discuss the challenges faced by the pipeline industry regarding the "unknown" threats to transmission pipe integrity.

Bennie Barnes is the Director of Transmission Integrity Management and Chief Engineer for Gas Operations at PG&E. He is also the Asset Family Owner for the Transmission Pipe asset family. Mr. Barnes has a Bachelor of Science degree in Metallurgical Engineering with over 22 years of experience in natural gas transmission integrity management and pipeline safety. Prior to joining PG&E, he worked for El Paso Corporation which owned and operated over 43,000 miles of natural gas transmission pipelines across the country. He served in various roles related to pipeline and facilities asset integrity and safety. Since joining PG&E in 2012, he has directed its Transmission Integrity Management Program (TIMP). His current objectives are to build pipeline integrity programs that strive to apply integrity management principles well beyond that required by regulations. Over his career, he has chaired research committees in the Pipeline Research Council International and the Gas Technology Institute that drive development and improvements in In-Line Inspection (ILI) technologies and other non-destructive testing methods. He is an active participant in the Interstate Natural Gas Association of America (INGAA) and most recently, he is an active member of INGAA's Pipeline Safety Committee.

NACE International – The Corrosion Society

Executive Offices: 1440 South Creek Drive -Houston, Texas 77084-4906

Tel No. (281) 228-6200 Fax No. (281) 228-6300 - Membership Services Fax No. (281) 228-6340



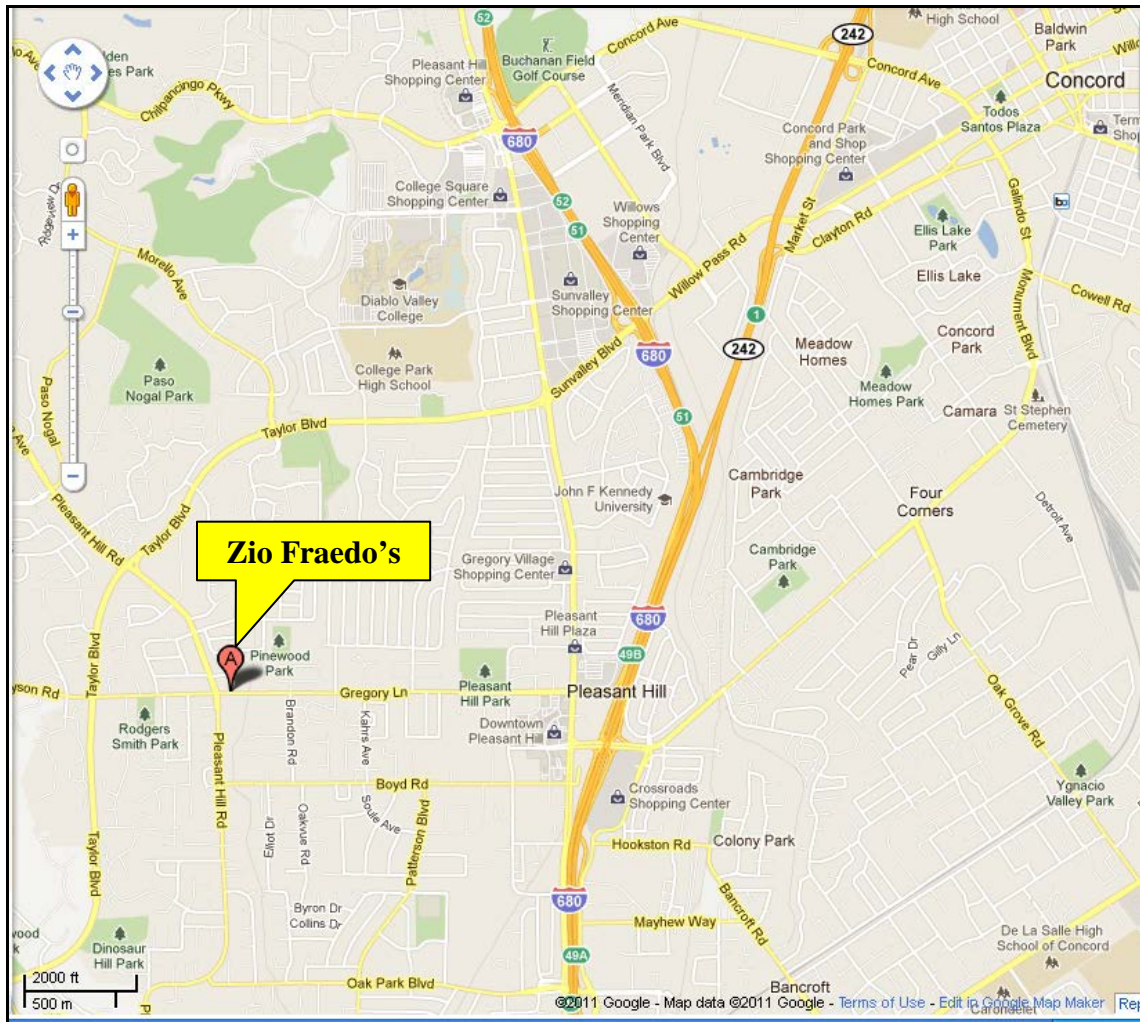
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Zio Fraedo's Restaurant, 611 Gregory Lane, Pleasant Hill, CA. 925-933-9091

Directions

- Take I-680 north to Contra Costa Blvd. Exit 49A in Pleasant Hill and drive north. Pass Monument Blvd. then turn left onto Gregory Lane. Pass Brandon Rd. on left in 1 mile. Look for Zio Fraedo's on the right just before Pleasant Hill Rd.
- Take I-680 south, exit at Sun Valley/Willow Pass Rd. Drive west and turn left on Contra Costa Blvd., then right on Gregory Lane. After 1 mile drive past Brandon Rd. on the left; Zio Fraedo's will be on the right before Pleasant Hill Rd. intersection.