



San Francisco Bay Area Section



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**June 12, 2012, Meeting Notice**

Date	Location
Tuesday, June 12th	Zio Fraedo's Restaurant 611 Gregory Lane, Pleasant Hill, CA. (925) 933-9091

**Cost: \$15 NACE members \$25 non-members**

**Time:** 6:00 PM Hospitality • 7:00 PM Dinner • 8:00 PM Program  
Please RSVP by **Friday, June 8th** by e-mail to **Dan Day** at [danday94@pacbell.net](mailto:danday94@pacbell.net), or by phone at (510) 507-0013.

**Directions:** Please see "Newsletter Back Page" attachment for map and directions.

**Decoupler Applications in Cathodically Protected Systems**

**Presented by Henry Tachick**  
Vice President, Dairyland Electrical Industries

Our June, 2012 speaker will address the different problems inherent in most cathodically protected systems that can be solved by using decoupling devices. The speaker will introduce the products used for decoupling cathodically protected systems, describe the difference between the SSD (solid state decoupler) and the PCR (polarization cell replacement, a solid state device that provides DC isolation and AC grounding), and the difference between the SSD/PCR and the Kirk Cell. He will discuss when an SSD/PCR is required, the use of SSD/PCR for insulating flange protection, SSD/PCR safety applications, and induced AC interference mitigation using an SSD/PCR.

**Henry Tachick** graduated from Michigan Technological University in 1962 with a degree in Electrical Engineering. He worked as a Project Engineer and later as Engineering Manager responsible for designing and testing power protection products for General Electric from 1962 to mid-1976. From mid-1976 through 1980 he was Vice President of Engineering for Elastimold, a manufacturer of electrical products for power utilities. In 1983 Henry founded Dairyland Electrical Industries, a manufacturer of high power handling, solid-state decoupling and isolation devices for the power utility and cathodic protection industries. Henry currently serves as Vice President of Dairyland Electrical Industries, and is primarily involved in new product development and oversight of the manufacturing end of the business. He has been an IEEE member since 1962 and a member of NACE since 1990.



San Francisco Bay Area Section

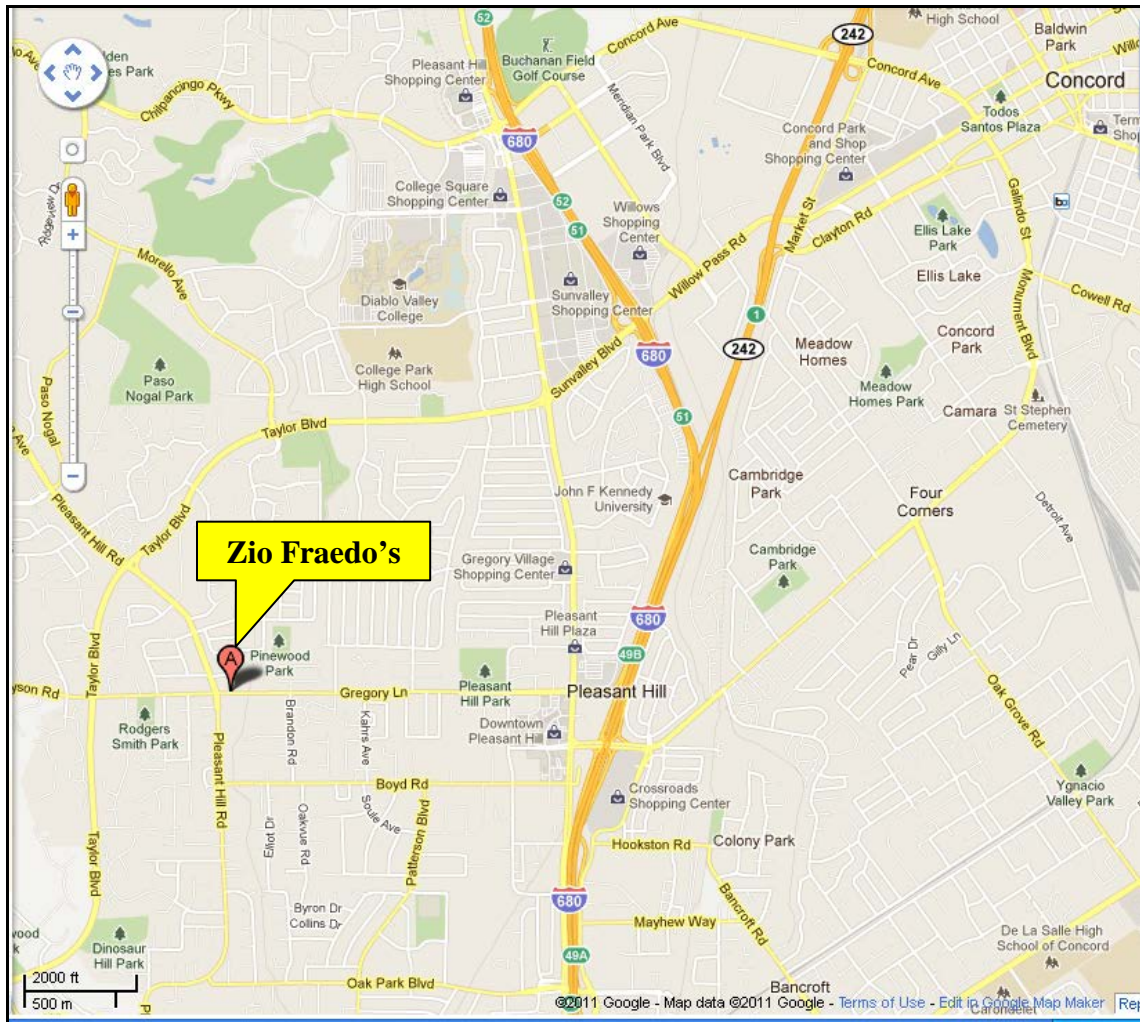


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**Zio Fraedo's Restaurant, 611 Gregory Lane, Pleasant Hill, CA. 925-933-9091**

**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 just before the Pleasant Hill Rd.