

**IEEE – Power
Engineering
Society**

**Tuesday
May 13**



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

San Francisco Chapter Presents:

Root Cause Analysis

DATE & TIMES

*Tuesday, May 13
12 p.m. – 1 p.m.*

PLACE

*Pacific Gas & Electric Office
77 Beale St.
Room 305
San Francisco*

*Check in with guard to verify
your name on IEEE PES list*

INFORMATION

*Closest BART Station is
Embarcadero*

RSVP REQUIRED

*RSVP before May 7 to:
Davis Erwin
510-874-2674
dpe4@pge.com*

LUNCH

*Free for IEEE members
\$5 for non-members
RSVP required*

Root cause analysis provides an effective technique for identifying the causes of significant problems, for defining actions to prevent recurrence of these events, and to drive continuous improvement within an organization. The technique is applicable to the determination of the causes of equipment and system failures and malfunctions, as well as identifying the causes of errors in human performance. This approach has been successfully utilized in many industries and applications, and is compatible with corporate quality and performance improvement initiatives.

Learn the overall approach for performing root cause investigations and how this technique fits into your current quality and lessons learned processes. Also, develop an appreciation for the types of tools that can be utilized to conduct the analysis, and gain insight through selected root cause analysis examples.

Mr. Walter R. Bak is a Senior Managing Engineer at Exponent (Failure Analysis Associates) and has over 25 years experience with engineering, engineered products, and consulting organizations in the electric power industry. Mr. Bak has conducted technical, performance, and root cause assessments for many electric utility clients. Prior to joining Exponent, Mr. Bak has held executive positions at EPRI Solutions, VECTRA, and ABB Impell.

Mr. Bak has been involved in root cause analysis for technical and equipment problems and for human performance and operational issues. Mr. Bak served as a regulatory compliance and technical officer for the design, licensing, and supply of nuclear spent fuel storage systems. He led a major corporate root cause assessment and corrective action implementation initiative for the company including engineering analysis, regulatory license submittals, various root cause assessments, and presentations at public meetings.

Mr. Bak has a Master's Degree in Civil Engineering (SESM) from the University of California, Berkeley, and a Bachelor's Degree from the University of Notre Dame in Civil Engineering.