

Southern Nevada Chapter Meeting

Las Vegas, Nevada

June 24, 2008

Jim Willey of Cooper Bussmann gave a presentation to explain short circuit current rating (SCCR) requirements in the NEC. The 2005 NEC requires industrial control panels, industrial machinery, meter disconnects, motor controllers, and HVAC equipment to be marked with a SCCR. Effective April, 2006 all equipment listed to UL standard 508A is required to be marked with a SCCR, UL 508A allows testing and Supplement SB describes an approved method of calculating SCCR's.

Mr. Willey has been a technical sales engineer with Cooper Bussmann in Phoenix, Arizona for 23 years. He has taught classes in various aspects of over current protection and the National Electrical Code for professional, educational, and trade organizations. He is a graduate of the University of Arizona in electrical engineering, is a Registered Professional Engineer, and a member of the IAEI and IEEE. Mr. Willey has served as an advisory member to the City of Phoenix Electrical Code committee and was the Chairman of the Arizona Nema subcommittee on Electrical Safety. Prior to joining Cooper Bussmann, Mr. Willey was a consulting engineer engaged in the design of commercial and industrial facilities and has also worked on the design and construction of generating stations and high voltage transmission lines.