

Joseph F. (Joe) Andre

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- Consultant to the Steel Tube Institute April 2014 – present
 - Instructor for the National Fire Protection Association on the National Electrical Code. 2012 - Present
 - Member of the ICC Energy Code Committee for the 2009, 2012, and 2015 code cycles.
 - Member of NFPA Code Making Panel 5 for 2017 and 2020 NEC.
 - Member of NFPA Code Making Panel 1 to the NEC for the 2011 and 2014 code cycles
 - Member of NFPA 90A/90B.
 - Western Field Rep for the National Electrical Manufacturers Association (NEMA), covering an 11 state area. April 2000 – July 2012, (retired)
 - Electrical inspector & inspection supervisor/assistant building official for the City of Bellevue, Washington and electrical inspector for the State of Washington.
 - Held positions of Electrical journeyman, foreman, estimator, project manager, service department manager, as well as electrical contractor.
 - Licensed Master Electrician in Washington State.
 - Electrical apprenticeship instructor and seminar instructor since 1985.
 - Bachelor degree in Business Administration from the University of Oregon, Eugene, OR, awarded in 1979.
 - Associate Degree with Honors from Monroe Community College in Rochester, NY in Business Administration awarded in 1977.
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Christine Porter

From 1978 to 1998 I worked in the family electrical contracting business starting as an electrical trainee and working up through project estimating and managing specializing in high end residential remodel and light commercial work. I currently hold a General Electrical Administrators License in the State of Washington: AD01-PORTECT188MC.

In 1999 I was hired by Intertek part time to do Follow Up Services inspections of ETL listed products at the manufacturing facilities. In 2006 I started conducting Field Evaluations of unlisted equipment, and in 2009 I was hired full time to do Field Evaluations as well as to create and conduct NFPA 70 training classes for both internal and external use.

I currently serve on Code Making Panel 5 covering Articles 200, 250, 280, and 285 of NFPA 70, National Electrical Code. I have served on local technical advisory committees for the City of Seattle since the 1996 cycle, and for the State of Washington Labor & Industries for the 2005 and 2008 cycles to produce local amendments to the National Electrical Code.

From 1984 to 2009 I taught a 209 hour/year electrical apprenticeship/trainee 2nd year class as well as 4 hour and 8 hour continuing education classes at the Construction Industry Training Council (CITC) in Bellevue WA. In addition to CITC, In addition to teaching the apprenticeship/trainee classes I continue to teach continuing education classes for CITC, The Electric League of the Pacific Northwest and the Puget Sound Chapter and Northwest Section of the International Association of Electrical Inspectors (IAEI). In 2003 the Associated Builders and Contractors Association named me the National Craft Instructor of the Year.

I have served as the education chair for the Northwest Section of IAEI since 2005 and as the Puget Sound Representative to the NW Section since 1995 as either an Associate Member or as Inspector Member. She served as the Northwestern Section IAEI President in 2016.

Chuck Mello

President cdcmello Consulting LLC
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Chuck Mello received a BS degree in Electrical Power Technology with a co-major in Naval Science from Oregon State University in 1972. After 6 years active duty as a commissioned officer serving in various ship engineering officer positions, he went to work for Electro-Test, Inc.

Starting in 1977 and going through the end of 2003 he held a number of positions from Field Engineer to Manager Conformity Assessment with Electro-Test Inc (**eti**). As a field engineer Chuck conducted many projects of acceptance testing / commissioning and maintenance testing of power distribution systems. In addition to the other field testing activities, Chuck also conducted many power quality studies in the era of concerns for harmonics and other power quality issues. As a Senior Field Engineer, he relocated and started the **eti** operations in Portland, Oregon in 1983. Chuck's last position with **eti** was as the Manager Conformity Assessment overseeing two NRTL laboratories, field evaluations, SEMI evaluations and CE evaluation operations on a corporate wide basis.

In January 2004, Chuck left **eti** and began work for Underwriters Laboratories as the Field Evaluation Program Manager where he oversaw the overall business for field evaluations within UL to ensure UL provides rapid response and consistent operations globally. He continued to participate in development of standards and guidelines for Field Evaluation competency and practices and was a key author and contributor to the two new NFPA standards on these subjects.

At the end of 2016, Chuck retired from UL and is now providing consulting services for electrical training and specific project work. He is providing these services from his own company, cdcmello Consulting LLC.

Chuck has held NETA Senior Test Technician Certification and NICET Senior Engineering Technician certifications. Chuck also holds a Master Electrician license from the State of Colorado and has held Master Electrician and Electrical Contractor licenses in Louisiana, New Orleans, New Mexico, and Nevada. He is a member of IAEI, IEEE and NFPA and has held positions on Chapter, Section and the International Board of Directors since 1987. Chuck served as the International President for the IAEI in 2011. Chuck has been a student of the National Electrical Code since 1965 and has been a principle member of Code Making Panel 5 since 1996. He is a nationally recognized speaker on the NEC, grounding and bonding, high voltage power systems, electrical safety, and field evaluations.

When not engaged with the electrical industry, Chuck enjoys life with his wife of 48 years, Melody, his two children and 6 grandchildren. He also likes to spend time in his woodshop, outdoors and reading good novels.

Don Iverson

Don Iverson is the Manager, Industry Codes & External Relations for Schneider Electric. His responsibilities are to support code adoptions on a national level as well as various roles within the business units. Previously, Mr. Iverson was the Midwest Field Representative for the National Electrical Manufacturers Association (NEMA). He has worked in the electrical field for over 22 years as a field electrician, apprenticeship instructor and, Electrical Inspector. He also holds a State of Michigan masters & contractor's license and is a registered code official as an electrical inspector. Mr. Iverson currently serves on NEC CMP 3, NFPA 915 and previously on CMP 1 for the 2014, 2017 and 2020 code cycles.

don.iverson@se.com

Mike Stone

NEMA - Field Representative

West Coast Field Office

SUMMARY OF QUALIFICATIONS

- 25 years of progressively responsible Building Inspection administration experience, 20 years at the supervisory and management level
- Building Official for the City of Watsonville, Acting Building Official for five years at the City of Salinas Permit Center
- Active participation with code organizations IAEI, ICC and CALBO (California Building Officials), served as President/Chairperson for local chapters of IAEI and ICC
- Proven track record of success as an AHJ, responsible for local building code adoptions, amendments and interpretations
- Since 1993, adjunct building and electrical code instructor at Monterey Peninsula, Cabrillo and Hartnell Community Colleges, and electrical apprenticeship instructor for the IBEW/JATC Local 234, Castroville, CA, Apprenticeship Training Center
- Excellent oral and written communications skills as well as public presentation ability
- Broad technical knowledge and extensive experience in the construction industry, including eight years of field experience as an electrician
- Bachelor of Science, Business Administration/Management, 1995, Golden Gate University
- Certifications include ICC Electrical Inspector, Building Official and 5 other categories; State of California General Electrician; IBEW Journeyman Wireman

PROFESSIONAL EXPERIENCE

National Electrical Manufacturers Association – West Coast Field Representative

August 2012 – present

Duties: Represent NEMA in local and regional affairs in the 11 Western states, attend and participate in building and electrical inspector meetings, provide technical instruction, participate in National Electrical Code and other code-related development.

City of Watsonville, California (pop. 50,000) – Building Official

Feb. 2010 to August 2012.

Duties: Administration of municipal building inspection and code enforcement programs

of people supervised: 8

City of Salinas, California (pop. 150,000) - Inspection Services Manager

Oct. 2001 to Jan. 2010.

Duties: Administration of municipal building inspection and code enforcement programs

of people supervised: 25

City of Monterey, California (pop. 32,000) – Sr. Building Inspector, Plans Examiner

Nov. 1987 to Sept. 2001.

Duties: Supervise field inspection staff, examine plans for code compliance

of people supervised: 3

County of Monterey, California – Building Inspector

Sept. 1986 to Oct. 1987.

Electrical Contractors, Various in the Monterey/Salinas area – Electrician

Sept. 1978 to Aug. 1986.

Other Part-time Experience

1993 to 2008:

Adjunct Instructor, Electrical and Building Codes – Cabrillo (Aptos, CA), Monterey Peninsula (Monterey, CA) and Hartnell (Salinas, CA) Community Colleges

Sept. 2010 to May 2012:

Electrical Workers Apprenticeship Instructor – IBEW/JATC Local 234, Castroville, CA

EDUCATION & TRAINING

- Bachelor of Science, Business Administration w/ concentration in Management, Magna Cum Laude honors, 1995, Golden Gate University, Monterey, CA
- Associate of Arts, General Education, 1992, Monterey Peninsula College, Monterey, CA
- IBEW/JATC National Training Institute, 2010 – 2011, University of Michigan, Ann Arbor, MI. 80 hours of apprenticeship instructor training in classroom techniques, presentation skills, use of technology in the classroom.
- Extensive and ongoing professional training in construction codes and standards including the NEC, disabled access standards, green building standards, management and supervisory skills, legal aspects of code administration, mediation skills, other professional and technical topics, 1986 - 2012
- IBEW Local 234, Journeyman Upgrade training, 1981 – 1983

PROFESSIONAL ASSOCIATIONS

- ❖ International Code Council, Monterey Bay Chapter. President, 2005
- ❖ International Association of Electrical Inspectors, Northern California Chapter. Chairman, 2003
- ❖ California Building Officials. Member, Green Building Committee, 2008
- ❖ National Fire Protection Association, Electrical and Building Official Sections
- ❖ International Brotherhood of Electrical Workers Local 234, Castroville, CA, since 1981.

TECHNICAL CERTIFICATIONS & SKILLS

- ✓ ICC Certifications:
 - ❖ Building Official # 1061652-CB
 - ❖ Electrical Inspector # 1061652-20
 - ❖ Building Inspector # 1061652-10
 - ❖ Plans Examiner # 1061652-60
 - ❖ Mechanical Inspector # 1061652-40
 - ❖ Plumbing Inspector # 1061652-30
 - ❖ Combination Inspector # 1061652-50
- ✓ State of California, Division of the State Architect: Certified Access Specialist (CAsp) #389
- ✓ State of California, Division of Apprenticeship Standards: Certified General Electrician #151893

IBEW: Journeyman Wireman #D644666

Tim McClintock

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Tim McClintock has 36 years' experience in the electrical industry and is currently the National Electrical Manufacturers Association (NEMA) Midwest Field Representative. In this role Tim serve NEMA members by promoting the use and adoption of the National Electrical Code® (NEC®) and by monitoring regional developments of importance to the electro-industry. Prior to joining NEMA, Tim was a Regional Electrical Code Specialist with the National Fire Protection Association (NFPA) providing support to state and local jurisdictions across 26 states with the adoption and use of the NEC® and other NFPA electrical codes and standards. Coauthored the NFPA 2014, 2017 & 2020 Pocket Guides to Electrical Installations and 2014, 2017 & 2020 NEC Summary of Changes documents.

Tim also served as the Chief Building Official and Electrical Inspector for the Wayne County Building Department in Wooster, Ohio for 16 years and prior to that, worked for nine years as an electrician for McClintock Electric Incorporated.

Tim currently holds professional certification with the State of Ohio as an electrical safety inspector, electrical plan examiner, building official, residential building official, and building inspector.

He served on Code Making Panel 12 for the 2008 and 2011 NEC code development cycle, and also served as Chair of NFPA's Technical Committee on Electrical Equipment Evaluation, which is responsible for NFPA 790, Standard for Competency of Third-Party Field Evaluation Bodies and NFPA 791, Recommended Practice and Procedure for Unlabeled Electrical Equipment.

2021 Tom Lichtenstein Bio

Tom Lichtenstein is a Sr. Regulatory Engineer and Distinguished Member of Technical Staff in the Codes and Regulatory Services Department at UL's Northbrook Office. As an electrical engineer with UL for 32 years, Tom is UL's principal representative for NEC CMP-7 (formerly CMP-19) for seven code cycles and past alternate on CMP-1 for the 2011 NEC. In addition, was UL's representative for several cycles on the Canadian Electrical Code (CEC), Part 1 committee and the Canadian Advisory Council on Electrical Safety (CACES) and is responsible for supporting the UL Mark for the Western Section of the International Association of Electrical Inspectors (IAEI) and providing technical presentations and support services for regulatory authorities.