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Phil is self-employed as Simmons Electrical Services. Services include consulting on the National Electrical Code and other Codes, writing, editing, illustrating and producing technical publications and inspection of complex electrical installations. He develops training programs related to electrical codes and safety and has been a presenter on these subjects at numerous seminars and conferences. Phil also provides plan review of electrical construction documents.

Phil began his electrical career in a light-industrial plant. He is licensed as a master electrician and was owner and manager of Simmons Electric Inc., an electrical contracting company.

Phil previously served as Chief Electrical Inspector for the State of Washington from 1984 to 1990 as well as an Electrical Inspector Field Supervisor, Electrical Plans Examiner and field Electrical Inspector. While employed with the State, Phil worked in plan review and inspection of health care facilities including hospitals, nursing homes and boarding homes. Phil passed the certification examinations for Electrical Inspector General, Electrical Plan Review; and Electrical Inspector 1 and 2 Family.

Phil served the International Association of Electrical Inspectors as Executive Director from 1990 to 1995 and as Education, Codes and Standards Coordinator from 1995 through June 1999. He was International President in 1987. While at IAEI, Phil wrote and edited text, developed and prepared illustrations for the *IAEI Soares Book on Grounding of Electrical Systems*, *Ferm's Fast Finder Index*, and the *IAEI Analysis of the NEC*. He was the original co-author of IAEI's book on *Electrical Systems in One- and Two-Family Dwellings*. He also served as Editor of *IAEI News* from 1990 – 1995 and updated the *Electrical Inspection Certification Study Guides* as well as the *Neon Installations Manual*.

In 2004, Phil wrote two books; *Electrical Grounding and Bonding* and *Significant Changes in the 2005 NEC*. Both books were published by Thomson/Delmar. The book on Grounding and Bonding of electrical systems has been updated to the 2008 NEC and is to be published in late 2007. He also wrote and illustrated the National Electrical Installation Standard (NEIS) on *Installation Standard on Types AC and MC Cables*.

He served Underwriters Laboratories, as a Corporate Member and on the Electrical Council from 1985 to 2000. He served on the UL Board of Directors from 1991 to 1995.

Phil presently serves NFPA on Code Making Panel-5 of the National Electrical Code Committee (grounding and bonding). He previously served on the NEC CMP-1 (Articles 90, 100 and 110), as Chair of CMP-19 (articles on agricultural buildings and mobile and manufactured buildings) and member of CMP-17 (health care facilities). He served six years on the NFPA Standards Council, as NFPA Electrical Section President and on the NEC Technical Correlating Committee.