



Mitchell Guthrie
Engineering Consultant
Blanch, NC 27212, USA

Senior Electrical Engineer specializing in Lightning Studies, Risk Assessments, Lightning Protection System Design and Inspection, Failure Analysis, Surge Protection, Electrical Safety and Grounding

Mitchell started his career while attending North Carolina State University as part of a Work/Study program with the Naval Surface Weapons Center in Dahlgren, VA. Upon completing his degree, he was assigned to the Risk Assessment Branch and later selected as Head, Electrical Safety Section and principle Technical Support Agent to the Naval Sea Systems Command Explosives Safety Office in Electrical Safety (Lightning, Electrostatic Discharge, and Intrinsic Safety Hazards). He also served as a US representative on NATO AC/310 and STANAGs on Lightning (4236) and Electrostatic Discharge (4239).

Mitchell joined Kilkeary, Scott and Associates, Inc. in 1988 as their Director of Lightning Protection and Grounding and became an Independent Engineering Consultant in 1995. He maintained his membership on the NFPA/ UL, and USNC/IEC Technical Committees. This year marks his 46th year on the NFPA Committee on Lightning Protection, including a maximum tenure as Chairman. He currently serves as Technical Advisor of the USNC Technical Advisory Group to IEC TC81 and Chief Delegate to plenary meetings, member/ of IEC TC64/MT4 (Effects of current passing through the body). He served as Chair of IEC TC81 for the maximum tenure and Convenor of AHG 19. He currently serves as Convenor of WG 21 (Application Guide to IEC 62305-3) and is a US member of MT3, MT8, MT9, MT17, MT20, MT21 and WG22.

He has authored or coauthored numerous technical papers over his career including international venues such as ICLP, SIPDA, Asia-Pacific International Conference on Lightning, International Lightning Protection Symposium and International Aerospace and Ground Conference on Lightning and Static Electricity; serving as Technical Program Committee member or Session Chair for many.

Among the National and International Awards received over his career include.

- National Lightning Safety Institute Individual Lightning Safety Award (2004)
- National Fire Protection Association Committee Service Award recipient (2007)
- IEC 1906 Award (2021)
- Inaugural UL STAR Award winner (2024)
- United Lightning Protection Association Honorary Member (2024)