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C. M. Hopper has 36 years of experience in the operations and research of nuclear criticality safety (NCS) and related health physics issues. He is employed at the Oak Ridge National Laboratory (ORNL) by the University of Tennessee - Battelle, LLC and its predecessor companies since 1984. He is currently a Distinguished Senior Development Engineer at ORNL with specialties in nuclear criticality safety process analysis, computations (validations, evaluations and limit determinations), and nuclear criticality safety program management and regulatory oversight (assessments and audits). He is the principal investigator and consultant for criticality safety projects for the U.S. DOE and the U.S. Nuclear Regulatory Commission. His past positions have included Head of NCS at ORNL, the Texas Instruments, Inc. HFIR Project research reactor fuel fabrication, the Y-12 Plant, rotating staff member for the Oak Ridge Gaseous Diffusion Plant, and radiation protection for the Oak Ridge Critical Experiments Facility. He developed a nuclear criticality accident slide rule for use in emergency response. He was the technical lead for the development of the DOE standard practices guide for nuclear criticality safety programs. He is an originating member of the US DOE Nuclear Criticality Safety Program - Criticality Safety Support Group, a member of the ANSI/ANS Standards Subcommittee 8 and Chairs the ANSI/ANS Consensus Committee N16 oversight of NCS standards. He is the Convener of the International Organization for Standardization Working Group on nuclear criticality safety, ISO TC 85/SC 5/WG 8 and the Deputy Advisor to the US Nuclear Technical Advisory Group regarding ISO TC 85/SC 5 international standards. He is known by criticality safety communities in Japan, Europe, and Russia.

"Q" security clearance held by U.S. DOE Oak Ridge Operations.