

Dr. Cris S. Eberle is a Manager and Technical Contributor with 42 years of nuclear safety and operations experience. Currently, he is a federal staff Nuclear Engineer providing oversight of Hanford Authorization Basis and Safety Management Programs for DOE's Office of River Protection. His experience and expertise include reactor fuel design, nuclear criticality safety and radiation shielding support, and non-destructive analysis. He has broad technical abilities in applied physics, nuclear science and engineering, materials chemistry, spent fuel processing chemistry, reactor fuel design, criticality safety, and chemical reactive multi-phase flow. For the last 10 years he has worked as a federal staff member for the department of defense, department of navy and department of energy. He has over 11 years of nuclear reactor operations experience, as well as hands-on reactor testing experience at both N-reactor and FFTF. Over 5 years of research experience with the Purdue scaled test reactor for the GE-1000 reactor design, and other experimental apparatus. Over 5 years as a principal investigator at Argonne West developing hot fuel tests for the Fuel Cycle Program. Over 5 years working on the floor at the Plutonium Finishing Plant and other legacy facilities, as well as developing Shielding and Criticality safety programs for the BNFL WTP Plant. He was part of the advance team that developed the U.S. Army safety and contingency response for removing weapons of mass destruction in Iraq. For over 5 years he was the managing partner of Critical Solutions Engineering. He received his Ph.D. in Nuclear Engineering from Purdue University (1994), M.S. Degree in Nuclear Engineering from Purdue University (1992), M.S. Degree in Mechanical Engineering from Oregon State University (1988), and B.S. in Physics from Northwest Nazarene University (1981).