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Dr. Heidrich is a senior nuclear engineer at the Idaho National Laboratory (INL). Currently, he manages the Post-Irradiation Examination and Project Execution Department in the Nuclear Fuels and Materials Division. In addition, he serves as the NSUF Chief Irradiation Scientist, managing the various irradiation projects for the Nuclear Science User Facilities at the Advanced Test Reactor and other research and test reactors worldwide. Previously at INL, he led the In-Pile Instrumentation Initiative for the Department of Energy – Office of Nuclear Energy (DOE-NE). In addition, he manages university and national laboratory infrastructure investments for DOE-NE. Dr. Heidrich is a licensed professional nuclear engineer (PA) with more than twenty years of experience in nuclear reactor and facility operations. Before coming to INL, he was the assistant director at the Radiation Science and Engineering Center at Penn State. In addition, while at Penn State he taught reactor physics and nuclear security courses and supervised graduate students. Dr. Heidrich served in the U.S. Navy as a nuclear reactor operator on the USS Enterprise. He holds bachelor's and master's degrees in nuclear engineering and a Ph.D. in energy and mineral engineering from the Penn State.