

Patrick W. Baranowsky is Deputy Director for Operating Experience and Risk Analysis in the NRC's Office of Nuclear Regulatory Research. He has 35 years of nuclear reactor safety analysis experience, including 30 years in the area of nuclear power plant risk analysis. Mr. Baranowsky has been responsible for the development and implementation of the Accident Sequence Precursor Program, operating experience data systems, use of risk and reliability analysis methods to improve safety related rules and regulations including Station Blackout and ATWS. He was a principal in the development of risk informed concepts for the Reactor Oversight Program including development of plant safety performance indicators, and analyzing industry-wide trends in nuclear plant safety performance. He recently served as a senior advisor on the NASA Space Safety Team charged with identifying concepts to improve human flight reliability and safety for current and next generation manned space flight vehicles.