

SOARCA Peer Review Committee

Kenneth Canavan, Senior Program Manager, Risk and Safety Management (RSM) Program, Electric Power Research Institute (EPRI): Develops Probabilistic Risk Assessments (PRA), PRA methods, risk-informed applications, peer certification process, and several unique applications of risk technology.

Bernard Clément, Senior Expert, Institut de Radioprotection et de Sûreté Nucléaire (IRSN), France: Advises IRSN on safety issues associated with light-water reactor design-basis and beyond design-basis accidents as well as liquid-metal fast-breeder reactor safety.

Jeffrey R. Gabor, Vice President, Risk Management Group, ERIN Engineering: Develops Level 2 Probabilistic Safety Analysis (PSA) updates, supports utilities' severe accident and thermal-hydraulic analyses, develops severe accident mitigation guidance, and principal author of the Boiling Water Reactor Modular Accident Analysis Program.

Robert E. Henry, Senior Vice President (co-founder), Fauske and Associates: Works on light-water reactor response to severe accidents and severe accident management guidelines for commercial US reactors.

Roger B. Kowieski, President, Natural and Technological Hazards Management Consulting, Inc.: Works on emergency planning and preparedness issues including reviewing radiological and chemical hazards assessment reports; developing protective actions decision making trees; developing and conducting training sessions for facility personnel; designing and evaluating Radiological Emergency Preparedness exercises for nuclear power plants for FEMA.

David E. W. Leaver, Senior Vice President & Principal, WorleyParsons Polestar: Performs PRA, radiological source term and accident analysis, emergency planning support, and meteorological analysis.

Bruce B. Mrowca, Vice President and Manager, Nuclear System Analysis Operations, Information Systems Laboratories: Performs PRA development and application, instrumentation and control design, and fire protection analysis.

Kevin R. O'Kula, Advisory Engineer, Accident and Consequence Modeling and Assessment, Washington Safety Management Solutions: Performs commercial & production reactor PRA, accident and consequence analysis, source term evaluation, and software quality assurance.

John D. Stevenson, Senior consultant, JD Stevenson Consulting Engineer Company: Develops structural and mechanical construction criteria and design; qualifying plant and facility critical structures, systems and components; and studying structural-mechanical engineering applications for extreme natural phenomena and man-induced hazards.

Karen Vierow, Associate Professor of Nuclear Engineering, Texas A&M University: Performs research and engineering analysis of reactor thermal hydraulics, reactor safety, severe accidents and reactor design. (*SOARCA Peer Review Committee Chair*)

Jacquelyn C. Yanch, Professor of Nuclear Science and Engineering, Massachusetts Institute of Technology: Performs research dealing with the production, detection, applications, and health effects of ionizing radiation and involves both physical experimentation and computational dosimetry applied to human irradiations.

