

**Robert H. Morris**

Program Manager

Computational Sciences and Engineering Division

Oak Ridge National Laboratory

Oak Ridge, TN 37831-6085, USA

Phone: (865) 576-5878

Fax: (865) 576-0003

Email: [MorrisRH@ornl.gov](mailto:MorrisRH@ornl.gov)

Mr. Morris is the program manager for the facility vulnerability and HPAC (Hazard Prediction Analysis Capability) programs in the Computational Sciences and Engineering Division at the Oak Ridge National Laboratory. He is a registered professional engineer with over 30 years experience in the nuclear industry. Mr. Morris' current programs have developed methodologies for predicting the response of various facilities to incidents or attack by military and terrorist weapons, and established vulnerability criteria for the different types of facilities. Computer models have been developed to predict the probable damage state and provide source term characterization for various attack/incident scenarios at these facilities. This development includes several other tasks for calculation and presentation of plant and core damage probabilities; source term characterization for various attack scenarios; code benchmarks and validation. Sponsors for this work have included the DTRA, the DIA, the NRC and various other organizations. Mr. Morris has a B.S. in Mechanical Engineering from the University of Hawaii at Honolulu and an M.S. in Nuclear Engineering from the University of Wisconsin at Madison. He is a member of the American Society of Mechanical Engineers, American Nuclear Society, and National Defense Industrial Association.