

Niav M. Hughes

Human Factors Psychologist, U.S. Nuclear Regulatory Commission (NRC) Office of Nuclear Regulatory Research (RES), Rockville, Maryland. BS, University of Maryland (2003); MS and PhD, Catholic University of America (2013 and 2015). Previous positions include: Human Factors Analyst, NRC/RES (2006-2020), led human performance simulator experimental research programs examining topics related to nuclear main control rooms including advanced reactors, fitness-for-duty, integrated system and multi-stage validation, non-destructive examination, operator use of computer-based procedures, human performance metrics. Numerous publications on human factors research in the nuclear domain. Human and Organizational Factors Analyst, NRC/RES (2020-2021), led internal agency innovation program. In present position, provides human and organizational factors expertise to a variety of program areas important to meeting the NRC's important safety and security mission (2021-present). Primarily, supporting guidance development to facilitate NRC licensing reviews for advanced reactors (e.g., Scalable Human Factors Engineering Review Strategy). Member: HFES, AHFE.

ANS: Member since 2022