



Marie A. Pohida

PSAM12 Speaker Bio

Technical Challenges Associated with Shutdown Risk when Licensing Advanced Light Water Reactors

Short Statement: Primary author

BIOGRAPHY

Ms. Pohida has over 25 years of experience in the nuclear field specializing in reliability and PRA. Ms. Pohida has been working in the area of shutdown risk at the US Nuclear Regulatory Commission since 1990. In the Office of Nuclear Reactor Regulation, Ms. Pohida developed the risk evaluation for SECY 97-168 for the proposed shutdown rule. Ms. Pohida also developed and implemented the Significance Determination Process for low-power and shutdown operation of light water reactors. Ms. Pohida has participated in inspections, site visits, and audits of light water reactors in the area of shutdown risk. Currently, Ms. Pohida is continuing her work in the Office of New Reactors reviewing shutdown risk for evolutionary, passive, and small modular reactors. Prior to coming to the NRC, Ms. Pohida worked at a nuclear power plant in the area of PRA and containment response analysis. She received a Bachelor of Science degree in nuclear engineering from the University of Maryland and completed graduate courses in reliability engineering at the University of Maryland

