



M.B. Saunders

PSAM12 Speaker Bio

Characterizing Fire PRA Quantitative Models: An Evaluation of the Implications of Fire PRA Conservatism

Short Statement: First author.

BIOGRAPHY

Mr. Saunders is a Consultant at ERIN Engineering and Research, Inc., in the Risk Management Group. He has spent the past eight years supporting the industry in the effort of updating fire PRAs, evaluating NEI 00-01, Rev. 2 Multiple Spurious Operations (MSO), and using fire PRAs in applications.

Examples of the use of fire PRAs in applications include NFPA 805 (Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants), 10 CFR 50.69 (Risk-Informed Categorization and Treatment of Structures, Systems, and Components), RITS 4b (Risk-Informed Technical Specification Initiative 4b), fire a(4) (10 CFR 50.65, Requirements for Monitoring the Effectiveness of Maintenance at Nuclear Power plants), Significance Determination Processes (SDPs) and Notice of Enforcement Discretions (NOEDs).