



Brittany L. Guyer

PSAM12 Speaker Bio

The Reliability Effects of Transient-Induced Degradation on the Performance of Large Power Transformers

Short Statement: Brittany L. Guyer is the first author and collaborated on this work with Carl R. Grantom of CRG, LLC and Michael W. Golay of MIT Nuclear Science & Engineering.

BIOGRAPHY

Dr. Brittany L. Guyer is a postdoctoral associate in the Department of Nuclear Science and Engineering at MIT. She has been performing research in the field of nuclear risk and reliability since beginning her doctoral studies in 2011. Her work has focused on the development of methods both to improve the development of risk-informed analyses and the characterization of nuclear power plant component reliability. Recently, Dr. Guyer taught the MIT graduate level course in probability and risk assessment methods and since 2010 has participated in the instruction of nuclear power industry executives through joint MIT-INPO courses held annually at MIT.



Education

Sc.D., Nuclear Science & Engineering, MIT, 2013
S.M., Nuclear Science & Engineering, MIT, 2011
S.B., Mechanical Engineering, MIT, 2009