

Opportunities in PRA

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Abstract

Probabilistic risk analysis (PRA) has played a significant role in providing nuclear power plant designers, operators and regulators with objective data and insights that have helped to improve plant safety and reliability. The resulting excellence in operating performance has in turn helped build the public confidence needed to support an expansion of nuclear energy use. The use of PRA in nuclear power plant safety and licensing continues to grow in evolutionary ways but opportunities are available where PRA could play a revolutionary role in expanding our overall use of nuclear energy.

This presentation will give an overview of areas where these opportunities for new PRA applications exist both in and beyond traditional power plant analyses.