RSC Is Your "Every Problem" Solution

Problem:

$$1 - e^{-\lambda t}$$

$$\mu = (1/n)\sum_{i-1}^{n}[\log(x_i)]$$

$$I_{CCF} = \lambda * 0.33 * \beta * \gamma * (1-\delta)$$

$$P(A|B) = (a+n)/(b+m)$$

$$RF = \sqrt{\frac{\lambda_{95th}}{\lambda_{5th}}}$$

- Level 1 & Level 2 Analyses
- ASME PSA Standard/Peer Reviews
- External Events Analyses
- Low Power/Shutdown PSA
- Living PSA/Update Strategies
- Risk-Based Licensing & Organization
- Fire-NFPA 805-Related Analyses
- Cost-Benefit Evaluations
- PSA & Technical Staff Training
- Severe Accident Management & Guidance
- Online Risk Monitoring & Evaluations

Solution:

RSC

Reliability & Safety Consulting Engineers, Inc.

Reliability & Safety Consulting Engineers, Inc.
The Simple Solution to Complex Risk & Reliability Problems!

We know that some of the problems you face every day can be very complex. When it comes to difficult risk and reliability problems, though, the solution is very simple: Reliability & Safety Consulting Engineers, Inc., The *Know Risk* Engineering Company!

RSC has been solving problems like yours for over fifteen years! Formerly known as Ricky Summitt Consulting, our company has been supporting clients during the evolution of risk-informed regulations since its inception. With a staff that's accumulated over one hundred years of experience, you can be certain that RSC will provide you with accurate, detailed solutions AND information designed to make all of your implementation processes easy to accomplish. RSC takes time to understand your unique needs. You'll get quality answers that are specifically designed just for your situation. That's why we've provided clients with OVER FIFTY safety and reliability solutions in the past five years alone!

The Reliability & Safety Consulting Engineers "Solution" includes:

1. A complete outline of work performed and how the work meets required standards.
2. A comprehensive analysis of defined problems and issues.
3. A detailed report providing resolution of the defined problems and issues.
4. Technology transfer and training on implementation of problem and issue resolution.
5. Post-resolution follow up guidance and staff support.

Contact *RSC* today for your solution!

RSC ENGINEERS, INC.

The *Know Risk* Engineering Company

Reliability & Safety Consulting Engineers, Inc.
2220 Award Winning Way, Suite 200, Knoxville, TN 37932 • www.rscsite.com
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Why consider using Reliability & Safety Consulting Engineers?

With a record of experience and accomplishments like this, why *wouldn't* you use them?

Selected projects completed in the last five years

ANO Gap Analysis
BNP Flooding Analysis
BNP HPCI Outage Extension Support
BNP LOSP Update Support 2007
BNP PSA Update Support 2007
Conversion of Waterford 3 MAAP Deck
CR3 Fire PRA Support
CR3 PSA Update Project-WA 8 to 285110
Entergy PSA Support 2006
EPRI Level 2 Guidance Document
EPRI Level 2 Training Course
Expand the External Events PSA to Include Shutdown
HNP Fire PSA Update Support 2008
HNP Human Reliability Analysis Upgrade
HNP ILRT Extension Re-Analysis
HNP MAAP Support
HNP PSA F&O Support
HNP PSA Support 2006
HNP PSA Update Support 2006
HNP PSA Update Support 2008
HNP Risk Information ISI Relief Request
HNP SAMA RAI Support 2007
HNP Update of the PRA Hereinafter Work
HRA Calculations for RNP
KKM Basic Annual Support
KKM C1/C2 System Notebook Development
KKM Database Update and Integration
KKM Quantitative Screening for Fire Zones
KKM Seismic PSA Update 2007
KKM Seismic PSA Update 2008
KKM Update Combination Assessment
KKM Update of Shutdown Analysis
KKM Update of the Aircraft Hazard PSA Model
KKM Update of the Internal Flooding Analysis
KKM PSA and CAFTA Staff Training
Robinson Support for PRA
Salem PRA Peer Review
San Onofre ILRT
San Onofre ILTRT-Unit 3 Extension
San Onofre ILRT-Unit 3 Extension NRC RAI
Shutdown External Events PSA
STP 3 and 4 NRC Interaction Support
STP 3 and 4 PRA Reconstitution
HNP PRA Update Support
KKM PSA Training Course
KKM External Flooding Model PSA Update
KKM Internal Flooding Analysis Update
MUSA Seismic Safety Assessment Update
WF3 PRA Support
WSES-3 Uncertainty and Results Assessment

Selected clients supported by Reliability & Safety Consulting Engineers

(Formerly Ricky Summitt Consulting)

STP: South Texas 3 & 4
PSE&G: Salem
Entergy South: Arkansas Nuclear One 1 & 2
Waterford 3
Riverbend
Progress Energy: Harris
Brunswick 1 & 2
Robinson
Crystal River 3
BKW FMB Energie AG: Mühleberg
Electric Power Research Institute
Southern California Edison: San Onofre 2 & 3
DOE-Hanford: Office of River Protection
AEP: Cook 1 & 2
TXU: Comanche Peak 1 & 2
Kernkraftwerk Leibstadt AG: KKL
Northern State Power: Prairie Island 1 & 2
Monticello
TVA: Watts Bar
Exelon: Clinton
Westinghouse

ADDITIONAL STAFF EXPERIENCE:

Duke Energy: McGuire 1 & 2
Catawba 1 & 2
Oconee 1, 2 & 3
Institute of Nuclear Power Operations

Contact Reliability & Safety Consulting Engineers, Inc. today for all of your safety and reliability solutions, and join the growing number of companies that demand the very best support for their programs.

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