

Secondary References

- *“Evaluation of Loss of Offsite Power Events at Nuclear Power Plants: 1980-1996,” NUREG/CR-5496, 1998*
and
“Evaluation of Loss of Offsite Power Events at Nuclear Power Plants: 1986-2003,” NUREG/CR-????, 2005?
 - *Analysis of LOSP initiating event data similar to example of this course*
- *“Rates of Initiating Events at US Nuclear Power Plants: 1987 – 1995,” NUREG/CR-5750, 1999*
 - *Analysis of a large set of initiating event data*
- *E. Jaynes, “Probability Theory – The Logic of Science,” Cambridge University Press, 2003*
 - *A mathematically-inclined book focusing on reasoning under uncertainty.*

Secondary References (cont.)

- *H. Martz and R. Waller, “Bayesian Reliability Analysis,” 1991, Krieger Publishing Co., 1991*
 - *Now out of print. Not easy reading, but lots of material. A former primary reference for this course*
- *“N. O. Siu and D. L. Kelly, “Bayesian Parameter Estimation in Probabilistic Risk Assessment,” in Reliability Engineering and System Safety, 1998, Vol. 62, pp. 89-116.*
 - *A readable, practical tutorial article*
- *S. A. Eide, “Historical Perspective on Failure Rates for US Commercial Reactor Components,” in Reliability Engineering and System Safety, 2003, Vol. 80, pp 123-132.*
 - *Summary of former and current generic prior distributions*