Example Uncertainty and Sensitivity Analysis Results Obtained in the 2008 Yucca Mountain TSPA

Presented to:
Nuclear Waste Technical Review Board

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Presentation Summary

- Expected and Mean Dose for All Scenario Classes
- Igneous Intrusion at 10 years: $^{237}\text{Np}$
- Seismic Ground Motion Damage at 10 years: $^{99}\text{Tc}$
Acronyms used in this presentation

**CDSP:** Co-Disposed Waste  
**CSNF:** Commercial Spent Nuclear Fuel  
**CCDF:** Complementary Cumulative Distribution Function  
**LHS:** Latin Hypercube Sampling  
**RMEI:** Reasonably Maximally Exposed Individual  
**DS:** Drip Shield  
**WPs:** Waste Packages

Acronyms for input variables are defined in Table K3.1 of *WIS-MD-PA-000005 REV 00 AD 01*