

DECOMMISSIONING PLANT SPENT FUEL POOL EVENT TIMING AND PROBABILITY SUMMARY MATRIX

	Time to Recover	Time to fire after fuel uncovry with ventilation (2 bldg/hr)		Time to fire after fuel uncovry; No ventilation		Consequences (Best Estimate)		Frequency Probability of Event	Problems	Positives
		Full uncovy	Partial uncovy	Full uncovy	Partial uncovy	Early	Latent			
Slow draindown with off-site power								4.4×10^{-8}	14×10^{-9} LOPC 3×10^{-9} LUCI 2×10^{-9} fire 3×10^{-9} ann off 1×10^{-9} tornado <hr/> 4.4×10^{-9}	
Slow draindown without off-site power								1.4×10^{-7}	29×10^{-9} LOSP 110×10^{-9} weather LOSP <hr/> 139×10^{-9}	
Fast draindown from seismic								$< 4.5 \times 10^{-6}$		
Fast draindown from heavy load drop								2×10^{-7}	200×10^{-9}	