TABLE 4.16.2.1–1.—*10-Year Impacts from Proposed Weapon Shipments*

SHIPMENT SCENARIO	PUBLIC EXPOSURE (PERSON-REM)[1]	MAXIMUM EXPOSED INDIVIDUAL (REM)	PUBLIC INCIDENT FREE RISK (EXPECTED NUMBER OF EXCESS LCFs)	PUBLIC ACCIDENT DISPERSAL RISK (EXPECTED NUMBER OF EXCESS LCFs FROM DISPERSAL ACCIDENTS)	CREW EXPOSURE (PERSON-REM)[2]	CREW INCIDENT FREE RISK (EXCESS CANCER FATALITIES)	EXPECTED NUMBER OF TRAFFIC FATALITIES
+100%	4.0	0.01	1.8×10^{-3}	1.6×10^{-6}	3.2	1.3×10^{-3}	1.2×10^{-2}
+ 50%	3.0	7.5×10^{-3}	1.4×10^{-3}	1.2×10^{-6}	2.4	1.0×10^{-3}	9.0×10^{-3}
+ 30%	2.6	6.5×10^{-3}	1.2×10^{-3}	1.0×10^{-6}	2.1	8.0×10^{-4}	7.8×10^{-4}
+ 10%	2.2	5.5×10^{-3}	1.0×10^{-3}	8.8×10^{-7}	1.7	6.6×10^{-4}	6.6×10^{-4}
Base Shipment Schedule	2.0	5.0×10^{-3}	9.0×10^{-4}	8.0×10^{-7}	1.6	6.0×10^{-4}	6.0×10^{-3}
-10%	1.8	4.5×10^{-3}	8.1×10^{-4}	7.2×10^{-7}	1.4	5.6×10^{-4}	5.4×10^{-4}
-30%	1.4	3.5×10^{-3}	6.3×10^{-4}	5.6×10^{-7}	1.1	4.4×10^{-4}	4.2×10^{-4}
-50%	1.0	2.5×10^{-3}	4.5×10^{-4}	4.0×10^{-7}	0.8	3.2×10^{-4}	3.0×10^{-3}

[1]Exposure calculations performed using a conservative external SST dose rate of 3.0 mrem/hr.
[2]Crew exposures based on past DOE TSD Dosimetry.