9/11/00

Go to NUREG-1465 S.T. for best-estimate case.
Use 1465 w/ Ru of .75 and fuel fines of .035 for upper bound case.

Best-Estimate Case

NUREG-1465 Release Fractions

Late Evacuation (early 2)

30 d	atmos 75a →	atmos 77a
90 d	atmos 75b →	atmos 77b
1 y	atmos 75c →	atmos 77c
2 y	atmos 75d →	atmos 77d
5 y	atmos 75e →	atmos 77e
10 y	atmos 75f →	atmos 77f

Early Evacuation (early 695)

30 d	atmos 76a →	atmos 78a
90 d	atmos 76b →	atmos 78b
1 y	atmos 76c →	atmos 78c
2 y	atmos 76d →	atmos 78d
5 y	atmos 76e →	atmos 78e
10 y	atmos 76f →	atmos 78f

Source Term

NG	I	Cs	Te	Sr	Ru	La	Ce	Ba
1	.75	.75	.31	.12	.005	.0052	.0055	.12

Upper Bound Case

.75 and .035 Release Fractions

Late Evacuation (early 2)

30 d	atmos 77a	→ atmos 79a
90 d	atmos 77b	→ atmos 79b
1 y	atmos 77c	→ atmos 79c
2 y	atmos 77d	→ atmos 79d
5 y	atmos 77e	→ atmos 79e
10 y	atmos 77f	→ atmos 79f

Early Evacuation (early 695)

30 d	atmos 78a	→ atmos 80a
90 d	atmos 78b	→ atmos 80b
1 y	atmos 78c	→ atmos 80c
2 y	atmos 78d	→ atmos 80d
5 y	atmos 78e	→ atmos 80e
10 y	atmos 78f	→ atmos 80f

Source Term

NG	I	Cs	Te	Sr	Ru	La	Ce	Ba
1	.75	.75	.31	.12	.75	.035	.035	.12