

February 9, 2000

Case	Population Distribution	Radionuclide Inventory	Evacuation Start Time	La/Ce Release Fraction	Evacuation Percentage	Case	Input Decks*	Output Decks
Base Case	Surry	11 batches plus rest of last core	1.4 hours after release begins	$1 \times 10^{-6}$	99.5%	Base Case	atmos7b,c,d early299 SURSIT	BESTB,C,D
1	Surry	11 batches plus rest of last core	1.4 hours after release begins	$1 \times 10^{-6}$	95%	1	atmos7b,c,d early2 SURSIT	0B,C,D
2	Surry	11 batches	1.4 hours after release begins	$1 \times 10^{-6}$	95%	2	atmos6b,c,d early2 SURSIT	ONEB,C,D
3	100 people/mi <sup>2</sup>	11 batches	1.4 hours after release begins	$1 \times 10^{-6}$	95%	3	atmos6b,c,d early3	TWOB,C,D
4	100 people/mi <sup>2</sup>	11 batches plus rest of last core	1.4 hours after release begins	$1 \times 10^{-6}$	95%	4	atmos7b,c,d early3	7B,C,D
5	100 people/mi <sup>2</sup>	11 batches plus rest of last core	3 hours before release begins	$1 \times 10^{-6}$	95%	5	atmos8b,c,d early4	8B,C,D
6	100 people/mi <sup>2</sup>	11 batches plus rest of last core	3 hours before release begins	$6 \times 10^{-6}$	95%	6	atmos9b,c,d early4	9B,C,D
7	100 people/mi <sup>2</sup>	11 batches plus rest of last core	3 hours before release begins	$1 \times 10^{-6}$	99.5%	7	atmos8b,c,d early5	10B,C,D

Table 6. Cases examined using the MACCS2 consequence code.

\*Cases 3 through 7 used 100 people/mi<sup>2</sup> instead of SURSIT.

\*All cases used chrnc1\_n and METSUR.

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