

Table 22 , Case IV.-Continued.

Basin or area	Ogotoruk Creek	Nusoaruk Creek	Minor basins, Ogotoruk Creek to Cape Seppings	Kukpuk River above Ipewik River	Minor basins, Cape Seppings to Kivalina River	Ipewik River	Kivalina River	Pitmegea River	Wulik River	Kukpowruk River	Noatak River	Minor basins, Pitmegea River to Kukpowruk River	Outlying areas
Number on Plate 1	0	1	2	3	4	5	6	7	8	9	10	11	...
Fallout between azimuths 25° and 110° (Case IV.b.2)													
Products dissolved in runoff and in micro-ponds.													
Average concentration $\frac{2}{}$, $\mu\text{c/ml}$													
Sr ⁹⁰	9.9x10 ⁻⁶	1.8x10 ⁻⁶	5.2x10 ⁻⁶	7.5x10 ⁻⁸	1.1x10 ⁻⁷	1.3x10 ⁻⁸	1.8x10 ⁻⁸	(a)	1.9x10 ⁻⁸	(a)	7.8x10 ⁻⁹	(a)	< 4.3x10 ⁻⁹
I ¹³¹	1.9x10 ⁻¹¹	3.5x10 ⁻¹²	1.0x10 ⁻¹¹	1.5x10 ⁻¹³	2.1x10 ⁻¹³	2.4x10 ⁻¹⁴	3.6x10 ⁻¹⁴	(a)	2.8x10 ⁻¹⁴	(a)	1.5x10 ⁻¹⁴	(a)	< 8.2x10 ⁻¹⁵
Cs ¹³⁷	5.6x10 ⁻⁶	1.1x10 ⁻⁶	3.1x10 ⁻⁶	4.5x10 ⁻⁸	6.6x10 ⁻⁸	7.5x10 ⁻⁹	1.2x10 ⁻⁸	(a)	8.3x10 ⁻⁹	(a)	4.4x10 ⁻⁹	(a)	< 2.5x10 ⁻⁹
Other nuclides	6.5x10 ⁻⁶	1.2x10 ⁻⁶	3.4x10 ⁻⁶	4.8x10 ⁻⁸	6.5x10 ⁻⁸	7.9x10 ⁻⁹	1.2x10 ⁻⁸	(a)	9.4x10 ⁻⁹	(a)	4.8x10 ⁻⁹	(a)	< 2.6x10 ⁻⁹
Sub-total	2.2x10 ⁻⁵	4.1x10 ⁻⁶	1.2x10 ⁻⁵	1.7x10 ⁻⁷	2.4x10 ⁻⁷	2.8x10 ⁻⁸	4.2x10 ⁻⁸	(a)	3.7x10 ⁻⁸	(a)	1.7x10 ⁻⁸	(a)	< 9.1x10 ⁻⁹
Insoluble, particulate products suspended in runoff.													
Percentage assumed transported													
	2.5	2.5	5	12.5	17.5	17.5	17.5	...	25	...	25	...	25
Average concentration $\frac{2}{}$, $\mu\text{c/ml}$													
Sr ⁹⁰ and Cs ¹³⁷ , each	4.0x10 ⁻⁵	5.8x10 ⁻⁶	4.7x10 ⁻⁵	2.2x10 ⁻⁶	5.5x10 ⁻⁶	5.6x10 ⁻⁷	8.8x10 ⁻⁷	(a)	7.8x10 ⁻⁷	(a)	4.9x10 ⁻⁷	(a)	< 2.7x10 ⁻⁷
I ¹³¹	2.5x10 ⁻¹¹	3.6x10 ⁻¹²	2.9x10 ⁻¹¹	1.4x10 ⁻¹²	3.4x10 ⁻¹²	3.5x10 ⁻¹³	5.5x10 ⁻¹³	(a)	4.9x10 ⁻¹³	(a)	3.1x10 ⁻¹³	(a)	< 1.7x10 ⁻¹³
Other nuclides	6.8x10 ⁻⁴	9.8x10 ⁻⁵	7.9x10 ⁻⁴	3.7x10 ⁻⁵	9.2x10 ⁻⁵	9.5x10 ⁻⁶	1.5x10 ⁻⁵	(a)	1.3x10 ⁻⁵	(a)	8.3x10 ⁻⁶	(a)	< 4.6x10 ⁻⁶
Sub-total	7.6x10 ⁻⁴	1.1x10 ⁻⁴	8.8x10 ⁻⁴	4.1x10 ⁻⁵	1.0x10 ⁻⁴	1.1x10 ⁻⁵	1.7x10 ⁻⁵	(a)	1.5x10 ⁻⁵	(a)	9.3x10 ⁻⁶	(a)	< 5.1x10 ⁻⁶
Total stream burden, dissolved and suspended $\frac{2}{}$, average $\mu\text{c/ml}$.													
Sr ⁹⁰	5.0x10 ⁻⁵	7.6x10 ⁻⁶	5.2x10 ⁻⁵	2.3x10 ⁻⁶	5.6x10 ⁻⁶	5.7x10 ⁻⁷	9.0x10 ⁻⁷	(a)	8.0x10 ⁻⁷	(a)	5.0x10 ⁻⁷	(a)	< 2.7x10 ⁻⁷
I ¹³¹	4.4x10 ⁻¹¹	7.1x10 ⁻¹²	3.9x10 ⁻¹¹	1.6x10 ⁻¹²	3.6x10 ⁻¹²	3.7x10 ⁻¹³	5.9x10 ⁻¹³	(a)	5.2x10 ⁻¹³	(a)	3.2x10 ⁻¹³	(a)	< 1.8x10 ⁻¹³
Cs ¹³⁷	4.6x10 ⁻⁵	6.9x10 ⁻⁶	5.0x10 ⁻⁵	2.2x10 ⁻⁶	5.6x10 ⁻⁶	5.7x10 ⁻⁷	8.9x10 ⁻⁷	(a)	7.9x10 ⁻⁷	(a)	4.9x10 ⁻⁷	(a)	< 2.7x10 ⁻⁷
Other nuclides	6.9x10 ⁻⁴	9.9x10 ⁻⁵	7.9x10 ⁻⁴	3.7x10 ⁻⁵	9.2x10 ⁻⁵	9.5x10 ⁻⁶	1.5x10 ⁻⁵	(a)	1.3x10 ⁻⁵	(a)	8.3x10 ⁻⁶	(a)	< 4.6x10 ⁻⁶
Sub-total	7.9x10 ⁻⁴	1.1x10 ⁻⁴	8.9x10 ⁻⁴	4.2x10 ⁻⁵	1.0x10 ⁻⁴	1.1x10 ⁻⁵	1.7x10 ⁻⁵	(a)	1.5x10 ⁻⁵	(a)	9.3x10 ⁻⁶	(a)	< 5.1x10 ⁻⁶
Products adsorbed, c/mi ²													
On vegetation													
Sr ⁹⁰	2.7x10 ⁰	4.0x10 ⁻¹	1.6x10 ⁰	3.0x10 ⁻²	5.3x10 ⁻²	5.4x10 ⁻³	8.5x10 ⁻³	(a)	5.3x10 ⁻³	(a)	3.3x10 ⁻³	(a)	< 1.8x10 ⁻³
I ¹³¹	1.4x10 ⁻⁶	2.0x10 ⁻⁷	8.1x10 ⁻⁷	1.5x10 ⁻⁸	2.7x10 ⁻⁸	2.8x10 ⁻⁹	4.4x10 ⁻⁹	(a)	2.7x10 ⁻⁹	(a)	1.7x10 ⁻⁹	(a)	< 9.3x10 ⁻¹⁰
Cs ¹³⁷	2.8x10 ⁰	4.0x10 ⁻¹	1.6x10 ⁰	3.0x10 ⁻²	5.4x10 ⁻²	5.5x10 ⁻³	8.6x10 ⁻³	(a)	5.4x10 ⁻³	(a)	3.4x10 ⁻³	(a)	< 1.9x10 ⁻³
Other nuclides	4.4x10 ⁰	6.4x10 ⁻¹	2.6x10 ⁰	4.8x10 ⁻²	8.5x10 ⁻²	8.8x10 ⁻³	1.4x10 ⁻²	(a)	8.6x10 ⁻³	(a)	5.4x10 ⁻³	(a)	< 2.9x10 ⁻³
Sub-total	9.9x10 ⁰	1.4x10 ⁰	5.8x10 ⁰	1.1x10 ⁻¹	1.9x10 ⁻¹	2.0x10 ⁻²	3.1x10 ⁻²	(a)	1.9x10 ⁻²	(a)	1.2x10 ⁻²	(a)	< 6.6x10 ⁻³
On soil													
Sr ⁹⁰	2.6x10 ⁰	3.3x10 ⁻¹	1.5x10 ⁰	2.9x10 ⁻²	5.1x10 ⁻²	5.3x10 ⁻³	8.3x10 ⁻³	(a)	5.2x10 ⁻³	(a)	3.2x10 ⁻³	(a)	< 1.8x10 ⁻³
I ¹³¹	1.4x10 ⁻⁶	2.0x10 ⁻⁷	8.0x10 ⁻⁷	1.5x10 ⁻⁸	2.7x10 ⁻⁸	2.7x10 ⁻⁹	4.3x10 ⁻⁹	(a)	2.7x10 ⁻⁹	(a)	1.7x10 ⁻⁹	(a)	< 9.2x10 ⁻¹⁰
Cs ¹³⁷	3.0x10 ⁰	4.3x10 ⁻¹	1.7x10 ⁰	3.2x10 ⁻²	5.7x10 ⁻²	5.9x10 ⁻³	9.2x10 ⁻³	(a)	5.7x10 ⁻³	(a)	3.6x10 ⁻³	(a)	< 2.0x10 ⁻³
Other nuclides	4.4x10 ⁰	6.4x10 ⁻¹	2.6x10 ⁰	4.8x10 ⁻²	8.6x10 ⁻²	8.8x10 ⁻³	1.4x10 ⁻²	(a)	8.7x10 ⁻³	(a)	5.4x10 ⁻³	(a)	< 3.0x10 ⁻³
Sub-total	1.0x10 ¹	1.4x10 ⁰	5.8x10 ⁰	1.1x10 ⁻¹	1.9x10 ⁻¹	2.0x10 ⁻²	3.2x10 ⁻²	(a)	2.0x10 ⁻²	(a)	1.2x10 ⁻²	(a)	< 6.8x10 ⁻³
On rock, talus, and colluvium													
Sr ⁹⁰	2.1x10 ⁰	3.0x10 ⁻¹	1.2x10 ⁰	2.2x10 ⁻²	4.0x10 ⁻²	4.1x10 ⁻³	6.4x10 ⁻³	(a)	4.0x10 ⁻³	(a)	2.5x10 ⁻³	(a)	< 1.4x10 ⁻³
I ¹³¹	8.8x10 ⁻⁸	1.3x10 ⁻⁸	5.1x10 ⁻⁸	9.5x10 ⁻¹⁰	1.7x10 ⁻⁹	1.7x10 ⁻¹⁰	2.7x10 ⁻¹⁰	(a)	1.7x10 ⁻¹⁰	(a)	1.1x10 ⁻¹⁰	(a)	< 5.9x10 ⁻¹¹
Cs ¹³⁷	2.4x10 ⁰	3.4x10 ⁻¹	1.4x10 ⁰	2.6x10 ⁻²	4.6x10 ⁻²	4.7x10 ⁻³	7.4x10 ⁻³	(a)	4.6x10 ⁻³	(a)	2.9x10 ⁻³	(a)	< 1.6x10 ⁻³
Other nuclides	3.9x10 ⁰	5.7x10 ⁻¹	2.3x10 ⁰	4.2x10 ⁻²	7.6x10 ⁻²	7.8x10 ⁻³	1.2x10 ⁻²	(a)	7.6x10 ⁻³	(a)	4.7x10 ⁻³	(a)	< 2.6x10 ⁻³
Sub-total	8.4x10 ⁰	1.2x10 ⁰	4.9x10 ⁰	9.0x10 ⁻²	1.6x10 ⁻¹	1.7x10 ⁻²	2.6x10 ⁻²	(a)	1.6x10 ⁻²	(a)	1.0x10 ⁻²	(a)	< 5.6x10 ⁻³
Dissolved products infiltrated to soil water, c/mi ² .													
	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
Insoluble, particulate products remaining near place of fall, c/mi ² .													
Sr ⁹⁰ and Cs ¹³⁷ , each	2.6x10 ¹	3.8x10 ⁰	1.5x10 ¹	2.5x10 ⁻¹	4.2x10 ⁻¹	4.1x10 ⁻²	6.8x10 ⁻²	(a)	3.9x10 ⁻²	(a)	2.4x10 ⁻²	(a)	< 1.3x10 ⁻²
I ¹³¹	1.6x10 ⁻⁵	2.3x10 ⁻⁶	9.2x10 ⁻⁶	1.6x10 ⁻⁷	2.6x10 ⁻⁷	2.7x10 ⁻⁸	4.3x10 ⁻⁸	(a)	2.4x10 ⁻⁸	(a)	1.5x10 ⁻⁸	(a)	< 8.3x10 ⁻⁹
Other nuclides	4.4x10 ²	6.3x10 ¹	2.5x10 ²	4.2x10 ¹	7.2x10 ⁰	7.4x10 ⁻¹	1.2x10 ⁰	(a)	6.6x10 ⁻¹	(a)	4.1x10 ⁻¹	(a)	< 2.2x10 ⁻¹
Sub-total	4.9x10 ²	7.1x10 ¹	2.8x10 ²	4.7x10 ¹	9.0x10 ⁰	8.3x10 ⁻¹	1.3x10 ⁰	(a)	7.4x10 ⁻¹	(a)	4.6x10 ⁻¹	(a)	< 2.5x10 ⁻¹