

SCHEDULE 8

QUANTITIES AND CONCENTRATIONS OF RADIONUCLIDES

PART I

TABLE OF RADIONUCLIDES

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Hydrogen				
Tritiated Compounds	1 10 ⁶	1 10 ⁹	1 10 ¹²	1 10 ¹²
Elemental	1 10 ⁶	1 10 ⁹	1 10 ¹³	1 10 ¹⁰
Beryllium				
Be-7	1 10 ³	1 10 ⁷	1 10 ¹²	1 10 ⁸
Be-10	1 10 ⁴	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Carbon				
C-11	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
C-11 monoxide	1 10 ¹	1 10 ⁹	1 10 ¹²	1 10 ¹⁰
C-11 dioxide	1 10 ¹	1 10 ⁹	1 10 ¹²	1 10 ¹⁰
C-14	1 10 ⁴	1 10 ⁷	1 10 ¹¹	1 10 ⁸
C-14 monoxide	1 10 ⁸	1 10 ¹¹	1 10 ¹⁴	1 10 ¹²
C-14 dioxide	1 10 ⁷	1 10 ¹¹	1 10 ¹³	1 10 ¹²
Nitrogen				
N-13	1 10 ²	1 10 ⁹	1 10 ⁹	
Oxygen				
O-15	1 10 ²	1 10 ⁹	1 10 ¹⁰	
Fluorine				
a	Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.			
b	Note 2 Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.			

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F-18	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Neon				
Ne-19	1 10 ²	1 10 ⁹	1 10 ⁹	
Sodium				
Na-22	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Na-24	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Magnesium				
Mg-28+	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Aluminium				
Al-26	1 10 ¹	1 10 ⁵	1 10 ¹⁰	1 10 ⁶
Silicon				
Si-31	1 10 ³	1 10 ⁶	1 10 ¹³	1 10 ⁷
Si-32	1 10 ³	1 10 ⁶	1 10 ⁹	1 10 ⁷
Phosphorus				
P-32	1 10 ³	1 10 ⁵	1 10 ¹⁰	1 10 ⁶
P-33	1 10 ⁵	1 10 ⁸	1 10 ¹¹	1 10 ⁹
Sulphur				
S-35	1 10 ⁵	1 10 ⁸	1 10 ¹¹	1 10 ⁹
S-35 (organic)	1 10 ⁵	1 10 ⁸	1 10 ¹²	1 10 ⁹
S-35 Vapour	1 10 ⁶	1 10 ⁹	1 10 ¹²	
Chlorine				
Cl-36	1 10 ⁴	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Cl-38	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Cl-39	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
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Argon				
Ar-37	1 10 ⁶	1 10 ⁸	1 10 ¹³	
Ar-39	1 10 ⁷	1 10 ⁴	1 10 ¹²	
Ar-41	1 10 ²	1 10 ⁹	1 10 ⁹	
Potassium				
K-40	1 10 ²	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
K-42	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
K-43	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
K-44	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
K-45	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Calcium				
Ca-41	1 10 ⁵	1 10 ⁷	1 10 ¹²	1 10 ⁸
Ca-45	1 10 ⁴	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
Ca-47	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Scandium				
Sc-43	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Sc-44	1 10 ¹	1 10 ⁵	1 10 ¹²	1 10 ⁶
Sc-44m	1 10 ²	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Sc-46	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Sc-47	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Sc-48	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Sc-49	1 10 ³	1 10 ⁵	1 10 ¹⁴	1 10 ⁶
Titanium				
Ti-44+	1 10 ¹	1 10 ⁵	1 10 ⁹	1 10 ⁶
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

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Ti-45	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Vanadium				
V-47	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
V-48	1 10 ¹	1 10 ⁵	1 10 ¹⁰	1 10 ⁶
V-49	1 10 ⁴	1 10 ⁷	1 10 ¹²	1 10 ⁸
Chromium				
Cr-48	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Cr-49	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Cr-51	1 10 ³	1 10 ⁷	1 10 ¹²	1 10 ⁸
Manganese				
Mn-51	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Mn-52	1 10 ¹	1 10 ⁵	1 10 ¹⁰	1 10 ⁶
Mn-52m	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Mn-53	1 10 ⁴	1 10 ⁹	1 10 ¹²	1 10 ¹⁰
Mn-54	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Mn-56	1 10 ¹	1 10 ⁵	1 10 ¹²	1 10 ⁶
Iron				
Fe-52	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Fe-55	1 10 ⁴	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Fe-59	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Fe-60+	1 10 ²	1 10 ⁵	1 10 ⁸	1 10 ⁶
Cobalt				
Co-55	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Co-56	1 10 ¹	1 10 ⁵	1 10 ¹⁰	1 10 ⁶
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Co-57	1×10^2	1×10^6	1×10^{11}	1×10^7
Co-58	1×10^1	1×10^6	1×10^{10}	1×10^7
Co-58m	1×10^4	1×10^7	1×10^{13}	1×10^8
Co-60	1×10^1	1×10^5	1×10^{10}	1×10^6
Co-60m	1×10^3	1×10^6	1×10^{16}	1×10^7
Co-61	1×10^2	1×10^6	1×10^{13}	1×10^7
Co-62m	1×10^1	1×10^5	1×10^{13}	1×10^6
Nickel				
Ni-56	1×10^1	1×10^6	1×10^{11}	1×10^7
Ni-57	1×10^1	1×10^6	1×10^{11}	1×10^7
Ni-59	1×10^4	1×10^8	1×10^{11}	1×10^9
Ni-63	1×10^5	1×10^8	1×10^{11}	1×10^9
Ni-65	1×10^1	1×10^6	1×10^{13}	1×10^7
Ni-66	1×10^4	1×10^7	1×10^{11}	1×10^8
Copper				
Cu-60	1×10^1	1×10^5	1×10^{13}	1×10^6
Cu-61	1×10^1	1×10^6	1×10^{12}	1×10^7
Cu-64	1×10^2	1×10^6	1×10^{12}	1×10^7
Cu-67	1×10^2	1×10^6	1×10^{11}	1×10^7
Zinc				
Zn-62	1×10^2	1×10^6	1×10^{12}	1×10^7
Zn-63	1×10^1	1×10^5	1×10^{13}	1×10^6
Zn-65	1×10^1	1×10^6	1×10^{10}	1×10^7
Zn-69	1×10^4	1×10^6	1×10^{14}	1×10^7
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Zn-69m	1×10^2	1×10^6	1×10^{12}	1×10^7
Zn-71m	1×10^1	1×10^6	1×10^{12}	1×10^7
Zn-72	1×10^2	1×10^6	1×10^{11}	1×10^7
Gallium				
Ga-65	1×10^1	1×10^5	1×10^{13}	1×10^6
Ga-66	1×10^1	1×10^5	1×10^{11}	1×10^6
Ga-67	1×10^2	1×10^6	1×10^{11}	1×10^7
Ga-68	1×10^1	1×10^5	1×10^{13}	1×10^6
Ga-70	1×10^3	1×10^6	1×10^{14}	1×10^7
Ga-72	1×10^1	1×10^5	1×10^{11}	1×10^6
Ga-73	1×10^2	1×10^6	1×10^{12}	1×10^7
Germanium				
Ge-66	1×10^1	1×10^6	1×10^{13}	1×10^7
Ge-67	1×10^1	1×10^5	1×10^{13}	1×10^6
Ge-68+	1×10^1	1×10^5	1×10^{10}	1×10^6
Ge-69	1×10^1	1×10^6	1×10^{11}	1×10^7
Ge-71	1×10^4	1×10^8	1×10^{13}	1×10^9
Ge-75	1×10^3	1×10^6	1×10^{14}	1×10^7
Ge-77	1×10^1	1×10^5	1×10^{12}	1×10^6
Ge-78	1×10^2	1×10^6	1×10^{13}	1×10^7
Arsenic				
As-69	1×10^1	1×10^5	1×10^{13}	1×10^6
As-70	1×10^1	1×10^5	1×10^{12}	1×10^6
As-71	1×10^1	1×10^6	1×10^{11}	1×10^7
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As-72	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
As-73	1 10 ³	1 10 ⁷	1 10 ¹¹	1 10 ⁸
As-74	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
As-76	1 10 ²	1 10 ⁵	1 10 ¹¹	1 10 ⁶
As-77	1 10 ³	1 10 ⁶	1 10 ¹²	1 10 ⁷
As-78	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Selenium				
Se-70	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Se-73	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Se-73m	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Se-75	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Se-79	1 10 ⁴	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
Se-81	1 10 ³	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Se-81m	1 10 ³	1 10 ⁷	1 10 ¹⁴	1 10 ⁸
Se-83	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Bromine				
Br-74	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Br-74m	1 10 ¹	1 10 ⁵	1 10 ¹²	1 10 ⁶
Br-75	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Br-76	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Br-77	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Br-80	1 10 ²	1 10 ⁵	1 10 ¹⁴	1 10 ⁶
Br-80m	1 10 ³	1 10 ⁷	1 10 ¹³	1 10 ⁸
Br-82	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷

a Note 1

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b Note 2

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Br-83	1×10^3	1×10^6	1×10^{13}	1×10^7
Br-84	1×10^1	1×10^5	1×10^{13}	1×10^6
Krypton				
Kr-74	1×10^2	1×10^9	1×10^9	
Kr-76	1×10^2	1×10^9	1×10^{10}	
Kr-77	1×10^2	1×10^9	1×10^9	
Kr-79	1×10^3	1×10^5	1×10^{10}	
Kr-81	1×10^4	1×10^7	1×10^{11}	
Kr-81m	1×10^3	1×10^{10}	1×10^{10}	
Kr-83m	1×10^5	1×10^{12}	1×10^{12}	
Kr-85	1×10^5	1×10^4	1×10^{12}	
Kr-85m	1×10^3	1×10^{10}	1×10^{10}	
Kr-87	1×10^2	1×10^9	1×10^9	
Kr-88	1×10^2	1×10^9	1×10^9	
Rubidium				
Rb-79	1×10^1	1×10^5	1×10^{13}	1×10^6
Rb-81	1×10^1	1×10^6	1×10^{12}	1×10^7
Rb-81m	1×10^3	1×10^7	1×10^{15}	1×10^8
Rb-82m	1×10^1	1×10^6	1×10^{12}	1×10^7
Rb-83+	1×10^2	1×10^6	1×10^{11}	1×10^7
Rb-84	1×10^1	1×10^6	1×10^{11}	1×10^7
Rb-86	1×10^2	1×10^5	1×10^{11}	1×10^6
Rb-87	1×10^4	1×10^7	1×10^{11}	1×10^8
Rb-88	1×10^1	1×10^5	1×10^{14}	1×10^6

a Note 1

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b Note 2

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Rb-89	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Strontium				
Sr-80	1 10 ³	1 10 ⁷	1 10 ¹³	1 10 ⁸
Sr-81	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Sr-82+	1 10 ¹	1 10 ⁵	1 10 ¹⁰	1 10 ⁶
Sr-83	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Sr-85	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Sr-85m	1 10 ²	1 10 ⁷	1 10 ¹³	1 10 ⁸
Sr-87m	1 10 ²	1 10 ⁶	1 10 ¹³	1 10 ⁷
Sr-89	1 10 ³	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Sr-90+	1 10 ²	1 10 ⁴	1 10 ⁹	1 10 ⁵
Sr-91	1 10 ¹	1 10 ⁵	1 10 ¹²	1 10 ⁶
Sr-92	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Yttrium				
Y-86	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Y-86m	1 10 ²	1 10 ⁷	1 10 ¹⁴	1 10 ⁸
Y-87+	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Y-88	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Y-90	1 10 ³	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Y-90m	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Y-91	1 10 ³	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Y-91m	1 10 ²	1 10 ⁶	1 10 ¹³	1 10 ⁷
Y-92	1 10 ²	1 10 ⁵	1 10 ¹²	1 10 ⁶
Y-93	1 10 ²	1 10 ⁵	1 10 ¹²	1 10 ⁶

a Note 1

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b Note 2

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Y-94	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Y-95	1 10 ¹	1 10 ⁵	1 10 ¹⁴	1 10 ⁶
Zirconium				
Zr-86	1 10 ²	1 10 ⁷	1 10 ¹²	1 10 ⁸
Zr-88	1 10 ²	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Zr-89	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Zr-93+	1 10 ³	1 10 ⁷	1 10 ⁹	1 10 ⁸
Zr-95	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Zr-97+	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Niobium				
Nb-88	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Nb-89 (2.03 hours)	1 10 ¹	1 10 ⁵	1 10 ¹²	1 10 ⁶
Nb-89 (1.01 hour)	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Nb-90	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Nb-93m	1 10 ⁴	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Nb-94	1 10 ¹	1 10 ⁶	1 10 ⁹	1 10 ⁷
Nb-95	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Nb-95m	1 10 ²	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Nb-96	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Nb-97	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Nb-98	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Molybdenum				
Mo-90	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
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Mo-93	1×10^3	1×10^8	1×10^{11}	1×10^9
Mo-93m	1×10^1	1×10^6	1×10^{12}	1×10^7
Mo-99	1×10^2	1×10^6	1×10^{11}	1×10^7
Mo-101	1×10^1	1×10^6	1×10^{13}	1×10^7
Technetium				
Tc-93	1×10^1	1×10^6	1×10^{12}	1×10^7
Tc-93m	1×10^1	1×10^6	1×10^{13}	1×10^7
Tc-94	1×10^1	1×10^6	1×10^{12}	1×10^7
Tc-94m	1×10^1	1×10^5	1×10^{13}	1×10^6
Tc-95	1×10^1	1×10^6	1×10^{12}	1×10^7
Tc-95m+	1×10^1	1×10^6	1×10^{11}	1×10^7
Tc-96	1×10^1	1×10^6	1×10^{11}	1×10^7
Tc-96m	1×10^3	1×10^7	1×10^{14}	1×10^8
Tc-97	1×10^3	1×10^8	1×10^{12}	1×10^9
Tc-97m	1×10^3	1×10^7	1×10^{10}	1×10^8
Tc-98	1×10^1	1×10^6	1×10^{10}	1×10^7
Tc-99	1×10^4	1×10^7	1×10^{10}	1×10^8
Tc-99m	1×10^2	1×10^7	1×10^{13}	1×10^8
Tc-101	1×10^2	1×10^6	1×10^{14}	1×10^7
Tc-104	1×10^1	1×10^5	1×10^{13}	1×10^6
Ruthenium				
Ru-94	1×10^2	1×10^6	1×10^{13}	1×10^7
Ru-97	1×10^2	1×10^7	1×10^{12}	1×10^8
Ru-103	1×10^2	1×10^6	1×10^{10}	1×10^7

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Ru-105	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Ru-160+	1 10 ²	1 10 ⁵	1 10 ⁹	1 10 ⁶
Rhodium				
Rh-99	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Rh-99m	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Rh-100	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Rh-101	1 10 ²	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
Rh-101m	1 10 ²	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Rh-102	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Rh-102m	1 10 ²	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Rh-103m	1 10 ⁴	1 10 ⁸	1 10 ¹⁵	1 10 ⁹
Rh-105	1 10 ²	1 10 ⁷	1 10 ¹²	1 10 ⁸
Rh-106m	1 10 ¹	1 10 ⁵	1 10 ¹²	1 10 ⁶
Rh-107	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Palladium				
Pd-100	1 10 ²	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Pd-101	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Pd-103	1 10 ³	1 10 ⁸	1 10 ¹¹	1 10 ⁹
Pd-107	1 10 ⁵	1 10 ⁸	1 10 ¹¹	1 10 ⁹
Pd-109;	1 10 ³	1 10 ⁶	1 10 ¹²	1 10 ⁷
Silver				
Ag-102	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Ag-103	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Ag-104	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Ag-104m	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Ag-105	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Ag-106	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Ag-106m	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Ag-108m+	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Ag-110m	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Ag-111	1 10 ³	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Ag-112	1 10 ¹	1 10 ⁵	1 10 ¹²	1 10 ⁶
Ag-115	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Cadmium				
Cd-104	1 10 ²	1 10 ⁷	1 10 ¹³	1 10 ⁸
Cd-107	1 10 ³	1 10 ⁷	1 10 ¹³	1 10 ⁸
Cd-109	1 10 ⁴	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Cd-113	1 10 ³	1 10 ⁶	1 10 ⁹	1 10 ⁷
Cd-113m	1 10 ³	1 10 ⁶	1 10 ⁹	1 10 ⁷
Cd-115	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Cd-115m	1 10 ³	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Cd-117	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Cd-117m	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Indium				
In-109	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
In-110 (4.9 hours)	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
In-110 (69.1 min)	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
In-111	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

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1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
In-112	1×10^2	1×10^6	1×10^{14}	1×10^7
In-113m	1×10^2	1×10^6	1×10^{13}	1×10^7
In-114	1×10^3	1×10^5	1×10^{15}	1×10^6
In-114m	1×10^2	1×10^6	1×10^{10}	1×10^7
In-115	1×10^3	1×10^5	1×10^8	1×10^6
In-115m	1×10^2	1×10^6	1×10^{13}	1×10^7
In-116m	1×10^1	1×10^5	1×10^{13}	1×10^6
In-117	1×10^1	1×10^6	1×10^{13}	1×10^7
In-117m	1×10^2	1×10^6	1×10^{13}	1×10^7
In-119m	1×10^2	1×10^5	1×10^{14}	1×10^6
Tin				
Sn-110	1×10^2	1×10^7	1×10^{12}	1×10^8
Sn-111	1×10^2	1×10^6	1×10^{13}	1×10^7
Sn-113	1×10^3	1×10^7	1×10^{11}	1×10^8
Sn-117m	1×10^2	1×10^6	1×10^{11}	1×10^7
Sn-119m	1×10^3	1×10^7	1×10^{11}	1×10^8
Sn-121	1×10^5	1×10^7	1×10^{12}	1×10^8
Sn-121m+	1×10^3	1×10^7	1×10^{10}	1×10^8
Sn-123	1×10^3	1×10^6	1×10^{10}	1×10^7
Sn-123m	1×10^2	1×10^6	1×10^{14}	1×10^7
Sn-125	1×10^2	1×10^5	1×10^{10}	1×10^6
Sn-126+	1×10^1	1×10^5	1×10^{10}	1×10^6
Sn-127	1×10^1	1×10^6	1×10^{12}	1×10^7
Sn-128	1×10^1	1×10^6	1×10^{13}	1×10^7

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix "+" or "sec" in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Antimony				
Sb-115	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Sb-116	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Sb-116m	1 10 ¹	1 10 ⁵	1 10 ¹²	1 10 ⁶
Sb-117	1 10 ²	1 10 ⁷	1 10 ¹³	1 10 ⁸
Sb-118m	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Sb-119	1 10 ³	1 10 ⁷	1 10 ¹²	1 10 ⁸
Sb-120 (5.76 days)	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Sb-120 (15.89 min)	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Sb-122	1 10 ²	1 10 ⁴	1 10 ¹¹	1 10 ⁵
Sb-124	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Sb-124m	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Sb-125	1 10 ²	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Sb-126	1 10 ¹	1 10 ⁵	1 10 ¹⁰	1 10 ⁶
Sb-126m	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Sb-127	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Sb-128 (9.01 hours)	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Sb-128 (10.4 min)	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Sb-129	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Sb-130	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Sb-131	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Tellurium				
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Te-116	1×10^2	1×10^7	1×10^{13}	1×10^8
Te-121	1×10^1	1×10^6	1×10^{11}	1×10^7
Te-121m	1×10^2	1×10^6	1×10^{10}	1×10^7
Te-123	1×10^3	1×10^6	1×10^{10}	1×10^7
Te-123m	1×10^2	1×10^7	1×10^{10}	1×10^8
Te-125m	1×10^3	1×10^7	1×10^{10}	1×10^8
Te-127	1×10^3	1×10^6	1×10^{12}	1×10^7
Te-127m	1×10^3	1×10^7	1×10^{10}	1×10^8
Te-129	1×10^2	1×10^6	1×10^{14}	1×10^7
Te-129m	1×10^3	1×10^6	1×10^{10}	1×10^7
Te-131	1×10^2	1×10^5	1×10^{14}	1×10^6
Te-131m	1×10^1	1×10^6	1×10^{11}	1×10^7
Te-132	1×10^2	1×10^7	1×10^{11}	1×10^8
Te-133	1×10^1	1×10^5	1×10^{14}	1×10^6
Te-133m	1×10^1	1×10^5	1×10^{13}	1×10^6
Te-134	1×10^1	1×10^6	1×10^{13}	1×10^7
Iodine				
I-120	1×10^1	1×10^5	1×10^{12}	1×10^6
I-120m	1×10^1	1×10^5	1×10^{12}	1×10^6
I-121	1×10^2	1×10^6	1×10^{13}	1×10^7
I-123	1×10^2	1×10^7	1×10^{12}	1×10^8
I-124	1×10^1	1×10^6	1×10^{10}	1×10^7
I-125	1×10^3	1×10^6	1×10^{10}	1×10^7
I-126	1×10^2	1×10^6	1×10^{10}	1×10^7
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
I-128	1×10^2	1×10^5	1×10^{14}	1×10^6
I-129	1×10^2	1×10^5	1×10^9	1×10^6
I-130	1×10^1	1×10^6	1×10^{11}	1×10^7
I-131	1×10^2	1×10^6	1×10^{10}	1×10^7
I-132	1×10^1	1×10^5	1×10^{12}	1×10^6
I-132m	1×10^2	1×10^6	1×10^{13}	1×10^7
I-133	1×10^1	1×10^6	1×10^{11}	1×10^7
I-134	1×10^1	1×10^5	1×10^{13}	1×10^6
I-135	1×10^1	1×10^6	1×10^{12}	1×10^7
Xenon				
Xe-120	1×10^2	1×10^9	1×10^{10}	
Xe-121	1×10^2	1×10^9	1×10^9	
Xe-122+	1×10^2	1×10^9	1×10^{11}	
Xe-123	1×10^2	1×10^9	1×10^9	
Xe-125	1×10^3	1×10^9	1×10^{10}	
Xe-127	1×10^3	1×10^5	1×10^{10}	
Xe-129m	1×10^3	1×10^4	1×10^{11}	
Xe-131m	1×10^4	1×10^4	1×10^{11}	
Xe-133	1×10^3	1×10^4	1×10^{11}	
Xe-133m	1×10^3	1×10^4	1×10^{11}	
Xe-135	1×10^3	1×10^{10}	1×10^{10}	
Xe-135m	1×10^2	1×10^9	1×10^{10}	
Xe-138	1×10^2	1×10^9	1×10^9	
Caesium				

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Cs-125	1×10^1	1×10^4	1×10^{13}	1×10^5
Cs-127	1×10^2	1×10^5	1×10^{12}	1×10^6
Cs-129	1×10^2	1×10^5	1×10^{12}	1×10^6
Cs-130				
1×10^2	1×10^6	1×10^{14}	1×10^7	
Cs-131	1×10^3	1×10^6	1×10^{12}	1×10^7
Cs-132	1×10^1	1×10^5	1×10^{11}	1×10^6
Cs-134	1×10^1	1×10^4	1×10^{10}	1×10^5
Cs-134m	1×10^3	1×10^5	1×10^{14}	1×10^6
Cs-135	1×10^4	1×10^7	1×10^{11}	1×10^8
Cs-135m	1×10^1	1×10^6	1×10^{13}	1×10^7
Cs-136	1×10^1	1×10^5	1×10^{10}	1×10^6
Cs-137+	1×10^1	1×10^4	1×10^{10}	1×10^5
Cs-138	1×10^1	1×10^4	1×10^{13}	1×10^5
Barium				
Ba-126	1×10^2	1×10^7	1×10^{13}	1×10^8
Ba-128	1×10^2	1×10^7	1×10^{11}	1×10^8
Ba-131	1×10^2	1×10^6	1×10^{11}	1×10^7
Ba-131m	1×10^2	1×10^7	1×10^{15}	1×10^8
Ba-133	1×10^2	1×10^6	1×10^{11}	1×10^7
Ba-133m	1×10^2	1×10^6	1×10^{12}	1×10^7
Ba-135m	1×10^2	1×10^6	1×10^{12}	1×10^7
Ba-137m	1×10^1	1×10^6	1×10^{15}	1×10^7
Ba-139	1×10^2	1×10^5	1×10^{13}	1×10^6

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Ba-140+	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Ba-141	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Ba-142	1 10 ¹	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Lanthanum				
La-131	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
La-132	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
La-135	1 10 ³	1 10 ⁷	1 10 ¹³	1 10 ⁸
La-137	1 10 ³	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
La-138	1 10 ¹	1 10 ⁶	1 10 ⁹	1 10 ⁷
La-140	1 10 ¹	1 10 ⁵	1 10 ¹¹	1 10 ⁶
La-141	1 10 ²	1 10 ⁵	1 10 ¹³	1 10 ⁶
La-142	1 10 ¹	1 10 ⁵	1 10 ¹²	1 10 ⁶
La-143	1 10 ²	1 10 ⁵	1 10 ¹⁴	1 10 ⁶
Cerium				
Ce-134	1 10 ³	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Ce-135	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Ce-137	1 10 ³	1 10 ⁷	1 10 ¹³	1 10 ⁸
Ce-137m	1 10 ³	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Ce-139	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Ce-141	1 10 ²	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
Ce-143	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Ce-144+	1 10 ²	1 10 ⁵	1 10 ⁹	1 10 ⁶
Praseodymium				
Pr-136	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Pr-137	1×10^2	1×10^6	1×10^{13}	1×10^7
Pr-138m	1×10^1	1×10^6	1×10^{12}	1×10^7
Pr-139	1×10^2	1×10^7	1×10^{13}	1×10^8
Pr-142	1×10^2	1×10^5	1×10^{12}	1×10^6
Pr-142m	1×10^7	1×10^9	1×10^{15}	1×10^{10}
Pr-143	1×10^4	1×10^6	1×10^{11}	1×10^7
Pr-144	1×10^2	1×10^5	1×10^{14}	1×10^6
Pr-145	1×10^3	1×10^5	1×10^{12}	1×10^6
Pr-147	1×10^1	1×10^5	1×10^{14}	1×10^6
Neodymium				
Nd-136	1×10^2	1×10^6	1×10^{13}	1×10^7
Nd-138	1×10^3	1×10^7	1×10^{12}	1×10^8
Nd-139	1×10^2	1×10^6	1×10^{14}	1×10^7
Nd-139m	1×10^1	1×10^6	1×10^{12}	1×10^7
Nd-141	1×10^2	1×10^7	1×10^{14}	1×10^8
Nd-147	1×10^2	1×10^6	1×10^{11}	1×10^7
Nd-149	1×10^2	1×10^6	1×10^{13}	1×10^7
Nd-151	1×10^1	1×10^5	1×10^{14}	1×10^6
Promethium				
Pm-141	1×10^1	1×10^5	1×10^{13}	1×10^6
Pm-143	1×10^2	1×10^6	1×10^{11}	1×10^7
Pm-144	1×10^1	1×10^6	1×10^{10}	1×10^7
Pm-145	1×10^3	1×10^7	1×10^{10}	1×10^8
Pm-146	1×10^1	1×10^6	1×10^{10}	1×10^7

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Pm-147	1×10^4	1×10^7	1×10^{10}	1×10^8
Pm-148	1×10^1	1×10^5	1×10^{11}	1×10^6
Pm-148m+	1×10^1	1×10^6	1×10^{10}	1×10^7
Pm-149	1×10^3	1×10^6	1×10^{11}	1×10^7
Pm-150	1×10^1	1×10^5	1×10^{12}	1×10^6
Pm-151	1×10^2	1×10^6	1×10^{11}	1×10^7
Samarium				
Sm-141	1×10^1	1×10^5	1×10^{13}	1×10^6
Sm-141m	1×10^1	1×10^6	1×10^{13}	1×10^7
Sm-142	1×10^2	1×10^7	1×10^{13}	1×10^8
Sm-145	1×10^2	1×10^7	1×10^{11}	1×10^8
Sm-146	1×10^1	1×10^5	1×10^7	1×10^6
Sm-147	1×10^1	1×10^4	1×10^7	1×10^5
Sm-151	1×10^4	1×10^8	1×10^{10}	1×10^9
Sm-153	1×10^2	1×10^6	1×10^{11}	1×10^7
Sm-155	1×10^2	1×10^6	1×10^{14}	1×10^7
Sm-156	1×10^2	1×10^6	1×10^{12}	1×10^7
Europium				
Eu-145	1×10^1	1×10^6	1×10^{11}	1×10^7
Eu-146	1×10^1	1×10^6	1×10^{11}	1×10^7
Eu-147	1×10^2	1×10^6	1×10^{11}	1×10^7
Eu-148	1×10^1	1×10^6	1×10^{10}	1×10^7
Eu-149	1×10^2	1×10^7	1×10^{11}	1×10^8
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Eu-150 (34.2 years)	1 10 ¹	1 10 ⁶	1 10 ⁹	1 10 ⁷
Eu-150 (12.6 hours)	1 10 ³	1 10 ⁶	1 10 ¹²	1 10 ⁷
Eu-152	1 10 ¹	1 10 ⁶	1 10 ⁹	1 10 ⁷
Eu-152m	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Eu-154	1 10 ¹	1 10 ⁶	1 10 ⁹	1 10 ⁷
Eu-155	1 10 ²	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
Eu-156	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Eu-157	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Eu-158	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Gadolinium				
Gd-145	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Gd-146+	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Gd-147	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Gd-148	1 10 ¹	1 10 ⁴	1 10 ⁶	1 10 ⁵
Gd-149	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Gd-151	1 10 ²	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Gd-152	1 10 ¹	1 10 ⁴	1 10 ⁶	1 10 ⁵
Gd-153	1 10 ²	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
Gd-159	1 10 ³	1 10 ⁶	1 10 ¹²	1 10 ⁷
Terbium				
Tb-147	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Tb-149	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Tb-150	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Tb-151	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Tb-153	1 10 ²	1 10 ⁷	1 10 ¹²	1 10 ⁸
Tb-154	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Tb-155	1 10 ²	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Tb-156	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Tb-156m (24.4 hours)	1 10 ³	1 10 ⁷	1 10 ¹²	1 10 ⁸
Tb-156m (5 hours)	1 10 ⁴	1 10 ⁷	1 10 ¹³	1 10 ⁸
Tb-157	1 10 ⁴	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Tb-158	1 10 ¹	1 10 ⁶	1 10 ⁹	1 10 ⁷
Tb-160	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Tb-161	1 10 ³	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Dysprosium				
Dy-155	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Dy-157	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Dy-159	1 10 ³	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Dy-165	1 10 ³	1 10 ⁶	1 10 ¹³	1 10 ⁷
Dy-166	1 10 ³	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Holmium				
Ho-155	1 10 ²	1 10 ⁶	1 10 ¹³	1 10 ⁷
Ho-157	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Ho-159	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Ho-161	1 10 ²	1 10 ⁷	1 10 ¹⁴	1 10 ⁸
Ho-162	1 10 ²	1 10 ⁷	1 10 ¹⁴	1 10 ⁸
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Ho-162m	1×10^1	1×10^6	1×10^{13}	1×10^7
Ho-164	1×10^3	1×10^6	1×10^{14}	1×10^7
Ho-164m	1×10^3	1×10^7	1×10^{14}	1×10^8
Ho-166	1×10^3	1×10^5	1×10^{11}	1×10^6
Ho-166m	1×10^1	1×10^6	1×10^9	1×10^7
Ho-167	1×10^2	1×10^6	1×10^{13}	1×10^7
Erbium				
Er-161	1×10^1	1×10^6	1×10^{12}	1×10^7
Er-165	1×10^3	1×10^7	1×10^{13}	1×10^8
Er-169	1×10^4	1×10^7	1×10^{11}	1×10^8
Er-171	1×10^2	1×10^6	1×10^{12}	1×10^7
Er-172	1×10^2	1×10^6	1×10^{11}	1×10^7
Thulium				
Tm-162	1×10^1	1×10^6	1×10^{13}	1×10^7
Tm-166	1×10^1	1×10^6	1×10^{12}	1×10^7
Tm-167	1×10^2	1×10^6	1×10^{11}	1×10^7
Tm-170	1×10^3	1×10^6	1×10^{10}	1×10^7
Tm-171	1×10^4	1×10^8	1×10^{11}	1×10^9
Tm-172	1×10^2	1×10^6	1×10^{11}	1×10^7
Tm-173	1×10^2	1×10^6	1×10^{12}	1×10^7
Tm-175	1×10^1	1×10^6	1×10^{13}	1×10^7
Ytterbium				
Yb-162	1×10^2	1×10^7	1×10^{14}	1×10^8
Yb-166	1×10^2	1×10^7	1×10^{11}	1×10^8

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Yb-167	1×10^2	1×10^6	1×10^{14}	1×10^7
Yb-169	1×10^2	1×10^7	1×10^{10}	1×10^8
Yb-175	1×10^3	1×10^7	1×10^{11}	1×10^8
Yb-177	1×10^2	1×10^6	1×10^{13}	1×10^7
Yb-178	1×10^3	1×10^6	1×10^{13}	1×10^7
Lutetium				
Lu-169	1×10^1	1×10^6	1×10^{11}	1×10^7
Lu-170	1×10^1	1×10^6	1×10^{11}	1×10^7
Lu-171	1×10^1	1×10^6	1×10^{11}	1×10^7
Lu-172	1×10^1	1×10^6	1×10^{10}	1×10^7
Lu-173	1×10^2	1×10^7	1×10^{11}	1×10^8
Lu-174	1×10^2	1×10^7	1×10^{10}	1×10^8
Lu-174m	1×10^2	1×10^7	1×10^{10}	1×10^8
Lu-176	1×10^2	1×10^6	1×10^9	1×10^7
Lu-176m	1×10^3	1×10^6	1×10^{13}	1×10^7
Lu-177	1×10^3	1×10^7	1×10^{11}	1×10^8
Lu-177m	1×10^1	1×10^6	1×10^{10}	1×10^7
Lu-178	1×10^2	1×10^5	1×10^{14}	1×10^6
Lu-178m	1×10^1	1×10^5	1×10^{13}	1×10^6
Lu-179	1×10^3	1×10^6	1×10^{13}	1×10^7
Hafnium				
Hf-170	1×10^2	1×10^6	1×10^{12}	1×10^7
Hf-172+	1×10^1	1×10^6	1×10^9	1×10^7
Hf-173	1×10^2	1×10^6	1×10^{12}	1×10^7

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Hf-175	1×10^2	1×10^6	1×10^{11}	1×10^7
Hf-177m	1×10^1	1×10^5	1×10^{13}	1×10^6
Hf-178m	1×10^1	1×10^6	1×10^8	1×10^7
Hf-179m	1×10^1	1×10^6	1×10^{10}	1×10^7
Hf-180m	1×10^1	1×10^6	1×10^{12}	1×10^7
Hf-181	1×10^1	1×10^6	1×10^{10}	1×10^7
Hf-182	1×10^2	1×10^6	1×10^8	1×10^7
Hf-182m	1×10^1	1×10^6	1×10^{13}	1×10^7
Hf-183	1×10^1	1×10^6	1×10^{13}	1×10^7
Hf-184	1×10^2	1×10^6	1×10^{12}	1×10^7
Tantalum				
Ta-172	1×10^1	1×10^6	1×10^{13}	1×10^7
Ta-173	1×10^1	1×10^6	1×10^{12}	1×10^7
Ta-174	1×10^1	1×10^6	1×10^{13}	1×10^7
Ta-175	1×10^1	1×10^6	1×10^{10}	1×10^7
Ta-176	1×10^1	1×10^6	1×10^{12}	1×10^7
Ta-177	1×10^2	1×10^7	1×10^{12}	1×10^8
Ta-178	1×10^1	1×10^6	1×10^{13}	1×10^7
Ta-179	1×10^3	1×10^7	1×10^{11}	1×10^8
Ta-180	1×10^1	1×10^6	1×10^{10}	1×10^7
Ta-180m	1×10^3	1×10^7	1×10^{13}	1×10^8
Ta-182	1×10^1	1×10^4	1×10^{10}	1×10^5
Ta-182m	1×10^2	1×10^6	1×10^{14}	1×10^7
Ta-183	1×10^2	1×10^6	1×10^{11}	1×10^7
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Ta-184	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Ta-185	1 10 ²	1 10 ⁵	1 10 ¹³	1 10 ⁶
Ta-186	1 10 ¹	1 10 ⁵	1 10 ¹³	1 10 ⁶
Tungsten				
W-176	1 10 ²	1 10 ⁶	1 10 ¹³	1 10 ⁷
W-177	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
W-178+	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
W-179	1 10 ²	1 10 ⁷	1 10 ¹⁴	1 10 ⁸
W-181	1 10 ³	1 10 ⁷	1 10 ¹²	1 10 ⁸
W-185	1 10 ⁴	1 10 ⁷	1 10 ¹¹	1 10 ⁸
W-187	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
W-188+	1 10 ²	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Rhenium				
Re-177	1 10 ¹	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Re-178	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Re-181	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Re-182 (64 hours)	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Re-182 (12.7 hours)	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Re-184	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Re-184m	1 10 ²	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Re-186	1 10 ³	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Re-186m	1 10 ³	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
Re-187	1 10 ⁶	1 10 ⁹	1 10 ¹³	1 10 ¹⁰
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Re-188	1×10^2	1×10^5	1×10^{12}	1×10^6
Re-188m	1×10^2	1×10^7	1×10^{14}	1×10^8
Re-189+	1×10^2	1×10^6	1×10^{12}	1×10^7
Osmium				
Os-180	1×10^2	1×10^7	1×10^{14}	1×10^8
Os-181	1×10^1	1×10^6	1×10^{13}	1×10^7
Os-182	1×10^2	1×10^6	1×10^{11}	1×10^7
Os-185	1×10^1	1×10^6	1×10^{11}	1×10^7
Os-189m	1×10^4	1×10^7	1×10^{14}	1×10^8
Os-191	1×10^2	1×10^7	1×10^{11}	1×10^8
Os-191m	1×10^3	1×10^7	1×10^{12}	1×10^8
Os-193	1×10^2	1×10^6	1×10^{11}	1×10^7
Os-194+	1×10^2	1×10^5	1×10^9	1×10^6
Iridium				
Ir-182	1×10^1	1×10^5	1×10^{13}	1×10^6
Ir-184	1×10^1	1×10^6	1×10^{12}	1×10^7
Ir-185	1×10^1	1×10^6	1×10^{12}	1×10^7
Ir-186 (15.8 hours)	1×10^1	1×10^6	1×10^{11}	1×10^7
Ir-186 (1.75 hours)	1×10^1	1×10^6	1×10^{13}	1×10^7
Ir-187	1×10^2	1×10^6	1×10^{12}	1×10^7
Ir-188	1×10^1	1×10^6	1×10^{11}	1×10^7
Ir-189+	1×10^2	1×10^7	1×10^{11}	1×10^8
Ir-190	1×10^1	1×10^6	1×10^{10}	1×10^7

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Ir-190m (3.1 hours)	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Ir-190m (1.2 hours)	1 10 ⁴	1 10 ⁷	1 10 ¹⁵	1 10 ⁸
Ir-192	1 10 ¹	1 10 ⁴	1 10 ¹⁰	1 10 ⁵
Ir-192m	1 10 ²	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
Ir-193m	1 10 ⁴	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Ir-194	1 10 ²	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Ir-194m	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Ir-195	1 10 ²	1 10 ⁶	1 10 ¹³	1 10 ⁷
Ir-195m	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Platinum				
Pt-186	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Pt-188+	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Pt-189	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Pt-191	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Pt-193	1 10 ⁴	1 10 ⁷	1 10 ¹²	1 10 ⁸
Pt-193m	1 10 ³	1 10 ⁷	1 10 ¹²	1 10 ⁸
Pt-195m	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Pt-197	1 10 ³	1 10 ⁶	1 10 ¹²	1 10 ⁷
Pt-197m	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Pt-199	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Pt-200	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Gold				
Au-193	1 10 ²	1 10 ⁷	1 10 ¹²	1 10 ⁸

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Au-194	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Au-195	1 10 ²	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Au-198	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Au-198m	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Au-199	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Au-200	1 10 ²	1 10 ⁵	1 10 ¹³	1 10 ⁶
Au-200m	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Au-201	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Mercury				
Hg-193	1 10 ²	1 10 ⁶	1 10 ¹³	1 10 ⁷
Hg-193m	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Hg-194+	1 10 ¹	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Hg-195	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Hg-195m+ (organic)	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Hg-195m+ (inorganic)	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Hg-197	1 10 ²	1 10 ⁷	1 10 ¹²	1 10 ⁸
Hg-197m (organic)	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Hg-197m (inorganic)	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Hg-199m	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Hg-203	1 10 ²	1 10 ⁵	1 10 ¹¹	1 10 ⁶
Thallium				
Tl-194	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Tl-194m	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Tl-195	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Tl-197	1 10 ²	1 10 ⁶	1 10 ¹³	1 10 ⁷
Tl-198	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Tl-198m	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Tl-199	1 10 ²	1 10 ⁶	1 10 ¹³	1 10 ⁷
Tl-200	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Tl-201	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
T-202	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Tl-204	1 10 ⁴	1 10 ⁴	1 10 ¹¹	1 10 ⁵
Lead				
Pb-195m	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Pb-198	1 10 ²	1 10 ⁶	1 10 ¹³	1 10 ⁷
Pb-199	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Pb-200	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Pb-201	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Pb-202	1 10 ³	1 10 ⁶	1 10 ¹⁰	1 10 ⁷
Pb-202m	1 10 ¹	1 10 ⁶	1 10 ¹²	1 10 ⁷
Pb-203	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Pb-205	1 10 ⁴	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Pb-209	1 10 ⁵	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
Pb-210+	1 10 ¹	1 10 ⁴	1 10 ⁸	1 10 ⁵
Pb-211	1 10 ²	1 10 ⁶	1 10 ¹²	1 10 ⁷
Pb-212+	1 10 ¹	1 10 ⁵	1 10 ¹⁰	1 10 ⁶
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Pb-214	1×10^2	1×10^6	1×10^{12}	1×10^7
Bismuth				
Bi-200	1×10^1	1×10^6	1×10^{13}	1×10^7
Bi-201	1×10^1	1×10^6	1×10^{12}	1×10^7
Bi-202	1×10^1	1×10^6	1×10^{12}	1×10^7
Bi-203	1×10^1	1×10^6	1×10^{11}	1×10^7
Bi-205	1×10^1	1×10^6	1×10^{11}	1×10^7
Bi-206	1×10^1	1×10^5	1×10^{10}	1×10^6
Bi-207	1×10^1	1×10^6	1×10^{10}	1×10^7
Bi-210	1×10^3	1×10^6	1×10^9	1×10^7
Bi-210m+	1×10^1	1×10^5	1×10^8	1×10^6
Bi-212+	1×10^1	1×10^5	1×10^{11}	1×10^6
Bi-213	1×10^2	1×10^6	1×10^{11}	1×10^7
Bi-214	1×10^1	1×10^5	1×10^{12}	1×10^6
Polonium				
Po-203	1×10^1	1×10^6	1×10^{13}	1×10^7
Po-205	1×10^1	1×10^6	1×10^{12}	1×10^7
Po-206	1×10^1	1×10^6	1×10^{11}	1×10^7
Po-207	1×10^1	1×10^6	1×10^{12}	1×10^7
Po-208	1×10^1	1×10^4	1×10^7	1×10^5
Po-209	1×10^1	1×10^4	1×10^7	1×10^5
Po-210	1×10^1	1×10^4	1×10^7	1×10^5
Astatine				
At-207	1×10^1	1×10^6	1×10^{12}	1×10^7
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
At-211	1×10^3	1×10^7	1×10^{10}	1×10^8
Francium				
Fr-222	1×10^3	1×10^5	1×10^{12}	1×10^6
Fr-223	1×10^2	1×10^6	1×10^{13}	1×10^7
Radon				
Rn-220+	1×10^4	1×10^7	1×10^8	1×10^8
Rn-222+	1×10^1	1×10^8	1×10^9	1×10^9
Radium				
Ra-223+	1×10^2	1×10^5	1×10^7	1×10^6
Ra-224+	1×10^1	1×10^5	1×10^8	1×10^6
Ra-225	1×10^2	1×10^5	1×10^7	1×10^6
Ra-226+	1×10^1	1×10^4	1×10^7	1×10^5
Ra-227	1×10^2	1×10^6	1×10^{13}	1×10^7
Ra-228+	1×10^1	1×10^5	1×10^8	1×10^6
Actinium				
Ac-224	1×10^2	1×10^6	1×10^{10}	1×10^7
Ac-225+	1×10^1	1×10^4	1×10^7	1×10^5
Ac-226	1×10^2	1×10^5	1×10^8	1×10^6
Ac-227+	1×10^{-1}	1×10^3	1×10^5	1×10^4
Ac-228	1×10^1	1×10^6	1×10^{10}	1×10^7
Thorium				
Th-226+	1×10^3	1×10^7	1×10^{11}	1×10^8
Th-227	1×10^1	1×10^4	1×10^7	1×10^5
Th-228+	1×10^0	1×10^4	1×10^6	1×10^5

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Th-229+	1×10^0	1×10^3	1×10^6	1×10^4
Th-230	1×10^0	1×10^4	1×10^6	1×10^5
Th-231	1×10^3	1×10^7	1×10^{12}	1×10^8
Th-232	1×10^1	1×10^4	1×10^6	1×10^5
Th-232 _{sec}	1×10^0	1×10^3	1×10^6	1×10^4
Th-234+	1×10^3	1×10^5	1×10^{10}	1×10^6
Protactinium				
Pa-227	1×10^3	1×10^6	1×10^{11}	1×10^7
Pa-228	1×10^1	1×10^6	1×10^{10}	1×10^7
Pa-230	1×10^1	1×10^6	1×10^8	1×10^7
Pa-231	1×10^0	1×10^3	1×10^6	1×10^4
Pa-232	1×10^1	1×10^6	1×10^{10}	1×10^7
Pa-233	1×10^2	1×10^7	1×10^{10}	1×10^8
Pa-234	1×10^1	1×10^6	1×10^{12}	1×10^7
Uranium				
U-230+	1×10^1	1×10^5	1×10^7	1×10^6
U-231	1×10^2	1×10^7	1×10^{11}	1×10^8
U-232+	1×10^0	1×10^3	1×10^6	1×10^4
U-233	1×10^1	1×10^4	1×10^7	1×10^5
U-234	1×10^1	1×10^4	1×10^7	1×10^5
U-235+	1×10^1	1×10^4	1×10^7	1×10^5
U-236	1×10^1	1×10^4	1×10^7	1×10^5
U-237	1×10^2	1×10^6	1×10^{11}	1×10^7
U-238+	1×10^1	1×10^4	1×10^7	1×10^5

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
U-238 sec	1 10 ⁰	1 10 ³	1 10 ⁶	1 10 ⁴
U-239	1 10 ²	1 10 ⁶	1 10 ¹⁴	1 10 ⁷
U-240	1 10 ³	1 10 ⁷	1 10 ¹²	1 10 ⁸
U-240+	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Neptunium				
Np-232	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Np-233	1 10 ²	1 10 ⁷	1 10 ¹⁴	1 10 ⁸
Np-234	1 10 ¹	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Np-235	1 10 ³	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Np-236 (1.15 10 ⁵ years)	1 10 ²	1 10 ⁵	1 10 ⁸	1 10 ⁶
Np-236 (22.5 hours)	1 10 ³	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Np-237+	1 10 ⁰	1 10 ³	1 10 ⁷	1 10 ⁴
Np-238	1 10 ²	1 10 ⁶	1 10 ¹¹	1 10 ⁷
Np-239	1 10 ²	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Np-240	1 10 ¹	1 10 ⁶	1 10 ¹³	1 10 ⁷
Plutonium				
Pu-234	1 10 ²	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
Pu-235	1 10 ²	1 10 ⁷	1 10 ¹⁴	1 10 ⁸
Pu-236	1 10 ¹	1 10 ⁴	1 10 ⁷	1 10 ⁵
Pu-237	1 10 ³	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Pu-238	1 10 ⁰	1 10 ⁴	1 10 ⁶	1 10 ⁵
Pu-239	1 10 ⁰	1 10 ⁴	1 10 ⁶	1 10 ⁵
Pu-240	1 10 ⁰	1 10 ³	1 10 ⁶	1 10 ⁴

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Pu-241	1×10^2	1×10^5	1×10^8	1×10^6
Pu-242	1×10^0	1×10^4	1×10^6	1×10^5
Pu-243	1×10^3	1×10^7	1×10^{13}	1×10^8
Pu-244	1×10^0	1×10^4	1×10^6	1×10^5
Pu-245	1×10^2	1×10^6	1×10^{12}	1×10^7
Pu-246	1×10^2	1×10^6	1×10^{10}	1×10^7
Americium				
Am-237	1×10^2	1×10^6	1×10^{13}	1×10^7
Am-238	1×10^1	1×10^6	1×10^{13}	1×10^7
Am-239	1×10^2	1×10^6	1×10^{12}	1×10^7
Am-240	1×10^1	1×10^6	1×10^{11}	1×10^7
Am-241	1×10^0	1×10^4	1×10^6	1×10^5
Am-242	1×10^3	1×10^6	1×10^{10}	1×10^7
Am-242m+	1×10^0	1×10^4	1×10^6	1×10^5
Am-243+	1×10^0	1×10^3	1×10^6	1×10^4
Am-244	1×10^1	1×10^6	1×10^{11}	1×10^7
Am-244m	1×10^4	1×10^7	1×10^{14}	1×10^8
Am-245	1×10^3	1×10^6	1×10^{13}	1×10^7
Am-246	1×10^1	1×10^5	1×10^{13}	1×10^6
Am-246m	1×10^1	1×10^6	1×10^{13}	1×10^7
Curium				
Cm-238	1×10^2	1×10^7	1×10^{12}	1×10^8
Cm-240	1×10^2	1×10^5	1×10^7	1×10^6
Cm-241	1×10^2	1×10^6	1×10^9	1×10^7

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Cm-242	1×10^2	1×10^5	1×10^7	1×10^6
Cm-243	1×10^0	1×10^4	1×10^7	1×10^5
Cm-244	1×10^1	1×10^4	1×10^7	1×10^5
Cm-245	1×10^0	1×10^3	1×10^6	1×10^4
Cm-246	1×10^0	1×10^3	1×10^6	1×10^4
Cm-247	1×10^0	1×10^4	1×10^6	1×10^5
Cm-248	1×10^0	1×10^3	1×10^6	1×10^4
Cm-249	1×10^3	1×10^6	1×10^{14}	1×10^7
Cm-250	1×10^{-1}	1×10^3	1×10^5	1×10^4
Berkelium				
Bk-245	1×10^2	1×10^6	1×10^{11}	1×10^7
Bk-246	1×10^1	1×10^6	1×10^{11}	1×10^7
Bk-247	1×10^0	1×10^4	1×10^6	1×10^5
Bk-249	1×10^3	1×10^6	1×10^9	1×10^7
Bk-250	1×10^1	1×10^6	1×10^{12}	1×10^7
Californium				
Cf-244	1×10^4	1×10^7	1×10^{12}	1×10^8
Cf-246	1×10^3	1×10^6	1×10^9	1×10^7
Cf-248	1×10^1	1×10^4	1×10^7	1×10^5
Cf-249	1×10^0	1×10^3	1×10^6	1×10^4
Cf-250	1×10^1	1×10^4	1×10^6	1×10^5
Cf-251	1×10^0	1×10^3	1×10^6	1×10^4
Cf-252	1×10^1	1×10^4	1×10^7	1×10^5
Cf-253	1×10^2	1×10^5	1×10^8	1×10^6

a Note 1

In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.

b Note 2

Nuclides carrying the suffix“+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.

Status: This is the original version (as it was originally made).

1 Radionuclide name, symbol, isotope	2 Concentration for notification. Regulation 6 and Schedule 1 (Bq/g)	3 Quantity for notification. Regulation 6 and Schedule 1 (Bq)	4 Quantity for notification of occurrences. Regulation 30(1) (Bq)	5 Quantity for notification of occurrences. Regulation 30(3) (Bq)
Cf-254	1 10 ⁰	1 10 ³	1 10 ⁷	1 10 ⁴
Einsteinium				
Es-250	1 10 ²	1 10 ⁶	1 10 ¹³	1 10 ⁷
Es-251	1 10 ²	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Es-253	1 10 ²	1 10 ⁵	1 10 ⁸	1 10 ⁶
Es-254	1 10 ¹	1 10 ⁴	1 10 ⁷	1 10 ⁵
Es-254m	1 10 ²	1 10 ⁶	1 10 ⁹	1 10 ⁷
Fermium				
Fm-252	1 10 ³	1 10 ⁶	1 10 ⁹	1 10 ⁷
Fm-253	1 10 ²	1 10 ⁶	1 10 ⁹	1 10 ⁷
Fm-254	1 10 ⁴	1 10 ⁷	1 10 ¹⁰	1 10 ⁸
Fm-255	1 10 ³	1 10 ⁶	1 10 ⁹	1 10 ⁷
Fm-257	1 10 ¹	1 10 ⁵	1 10 ⁷	1 10 ⁶
Mendelevium				
Md-257	1 10 ²	1 10 ⁷	1 10 ¹¹	1 10 ⁸
Md-258	1 10 ²	1 10 ⁵	1 10 ⁷	1 10 ⁶
Other radionuclides not listed above (see note 1)	1 10 ⁻¹	1 10 ³	1 10 ⁵	1 10 ⁴
<p>a Note 1 In the case of radionuclides not specified elsewhere in this Part, the quantities specified in this entry are to be used unless the Executive has approved some other quantity for that radionuclide.</p> <p>b Note 2 Nuclides carrying the suffix “+” or “sec” in the above table represent parent nuclides in equilibrium with their correspondent daughter nuclides as listed in the following Table. In this case the concentrations and quantities given in the above Table refer to the parent nuclide alone, but already take account of the daughter nuclide(s) present.</p>				

List of nuclides in secular equilibrium as referred to in note 2 of this Schedule.

<i>Parent nuclide</i>	<i>Daughter nuclides</i>
Mg-28+	Al-28
Ti-44+	Sc-44
Fe-60+	Co-60m

<i>Parent nuclide</i>	<i>Daughter nuclides</i>
Ge-68+	Ga-68
Sr-82+	Rb-82
Rb-83+	Kr-83m
Y-87+	Sr-87m
Sr-90+	Y-90
Zr-93+	Nb-93m
Zr-97+	Nb-97
Tc-95m+	Tc-95
Ru-106+	Rh-106
Ag-108m+	Ag-108
Sn-121m+	Sn-121
Sn-126+	Sb-126m
Xe-122+	I-122
Cs-137+	Ba-137m
Ba-140+	La-140
Ce-144+	Pr-144
Pm-148m+	Pm-148
Gd-146+	Eu-146
Hf-172+	Lu-172
W-178+	Ta-178
W-188+	Re-188
Re-189+	Os-189m
Os-194+	Ir-194
Ir-189+	Os-189m
Pt-188+	Ir-188
Hg-194+	Au-194
Hg-195m+	Hg-195
Pb-210+	Bi-210, Po-210
Bi-210m+	Tl-206
Pb-212+	Bi-212, Tl-208, Po-212
Bi-212+	Tl-208, Po-212
Rn-220+	Po-216
Rn-222+	Po-218, Pb-214, Bi-214, Po-214
Ra-223+	Rn-219, Po-215, Pb-211, Bi-211, Tl-207

Status: This is the original version (as it was originally made).

<i>Parent nuclide</i>	<i>Daughter nuclides</i>
Ra-224+	Rn-220, Po-216, Pb-212, Bi-212, Tl-208, Po-212
Ra-226+	Rn-222, Po-218, Pb-214, Bi-214, Po-214, Pb-210, Bi-210, Po-210
Ra-228+	Ac-228
Ac-225+	Fr-221, At-217, Bi-213, Po-213, Tl-209, Pb-209
Ac-227+	Fr-223
Th-226+	Ra-222, Rn-218, Po-214
Th-228+	Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208, Po-212
Th-229+	Ra-225, Ac-225, Fr-221, At-217, Bi-213, Po-213, Pb-209
Th-232sec	Ra-228, Ac-228, Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208, Po-212
Th-234+	Pa-234m
U-230+	Th-226, Ra-222, Rn-218, Po-214
U-232+	Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208, Po-212
U-235+	Th-231
U-238+	Th-234, Pa-234m
U-238sec	Th-234, Pa-234m, U-234, Th-230, Ra-226, Rn-222, Po-218, Pb-214, Bi-214, Po-214, Pb-210, Bi-210, Po-210
U-240+	Np-240
Np-237+	Pa-233
Am-242m+	Am-242
Am-243+	Np-239