

## SCHEDULE 8

Regulation 2(4) and 30(1) and (2) and  
Schedule 1

## 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)
<b>Hydrogen</b>				
Tritiated Compounds	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>12</sup>	1 10 <sup>12</sup>
Elemental	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>13</sup>	1 10 <sup>10</sup>
<b>Beryllium</b>				
Be-7	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
Be-10	1 10 <sup>4</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
<b>Carbon</b>				
C-11	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
C-11 monoxide	1 10 <sup>1</sup>	1 10 <sup>9</sup>	1 10 <sup>12</sup>	1 10 <sup>10</sup>
C-11 dioxide	1 10 <sup>1</sup>	1 10 <sup>9</sup>	1 10 <sup>12</sup>	1 10 <sup>10</sup>
C-14	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
C-14 monoxide	1 10 <sup>8</sup>	1 10 <sup>11</sup>	1 10 <sup>14</sup>	1 10 <sup>12</sup>
C-14 dioxide	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>13</sup>	1 10 <sup>12</sup>
<b>Nitrogen</b>				
N-13	1 10 <sup>2</sup>	1 10 <sup>9</sup>	1 10 <sup>9</sup>	
<b>Oxygen</b>				
O-15	1 10 <sup>2</sup>	1 10 <sup>9</sup>	1 10 <sup>10</sup>	
<b>Fluorine</b>				
<b>a</b>	<b>Note 1</b> 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>b</b>	<b>Note 2</b> 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)
F-18	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
<b>Neon</b>				
Ne-19	1 10 <sup>2</sup>	1 10 <sup>9</sup>	1 10 <sup>9</sup>	
<b>Sodium</b>				
Na-22	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Na-24	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
<b>Magnesium</b>				
Mg-28+	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
<b>Aluminium</b>				
Al-26	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>10</sup>	1 10 <sup>6</sup>
<b>Silicon</b>				
Si-31	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Si-32	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
<b>Phosphorus</b>				
P-32	1 10 <sup>3</sup>	1 10 <sup>5</sup>	1 10 <sup>10</sup>	1 10 <sup>6</sup>
P-33	1 10 <sup>5</sup>	1 10 <sup>8</sup>	1 10 <sup>11</sup>	1 10 <sup>9</sup>
<b>Sulphur</b>				
S-35	1 10 <sup>5</sup>	1 10 <sup>8</sup>	1 10 <sup>11</sup>	1 10 <sup>9</sup>
S-35 (organic)	1 10 <sup>5</sup>	1 10 <sup>8</sup>	1 10 <sup>12</sup>	1 10 <sup>9</sup>
S-35 Vapour	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>12</sup>	
<b>Chlorine</b>				
Cl-36	1 10 <sup>4</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Cl-38	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Cl-39	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
<b>a Note 1</b>	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>b Note 2</b>	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)
<b>Argon</b>				
Ar-37	1 10 <sup>6</sup>	1 10 <sup>8</sup>	1 10 <sup>13</sup>	
Ar-39	1 10 <sup>7</sup>	1 10 <sup>4</sup>	1 10 <sup>12</sup>	
Ar-41	1 10 <sup>2</sup>	1 10 <sup>9</sup>	1 10 <sup>9</sup>	
<b>Potassium</b>				
K-40	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
K-42	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
K-43	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
K-44	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
K-45	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
<b>Calcium</b>				
Ca-41	1 10 <sup>5</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
Ca-45	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
Ca-47	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
<b>Scandium</b>				
Sc-43	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Sc-44	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>12</sup>	1 10 <sup>6</sup>
Sc-44m	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Sc-46	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Sc-47	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Sc-48	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
Sc-49	1 10 <sup>3</sup>	1 10 <sup>5</sup>	1 10 <sup>14</sup>	1 10 <sup>6</sup>
<b>Titanium</b>				
Ti-44+	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>9</sup>	1 10 <sup>6</sup>
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Ti-45	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
<b>Vanadium</b>				
V-47	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
V-48	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>10</sup>	1 10 <sup>6</sup>
V-49	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
<b>Chromium</b>				
Cr-48	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Cr-49	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Cr-51	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
<b>Manganese</b>				
Mn-51	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Mn-52	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>10</sup>	1 10 <sup>6</sup>
Mn-52m	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Mn-53	1 10 <sup>4</sup>	1 10 <sup>9</sup>	1 10 <sup>12</sup>	1 10 <sup>10</sup>
Mn-54	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Mn-56	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>12</sup>	1 10 <sup>6</sup>
<b>Iron</b>				
Fe-52	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Fe-55	1 10 <sup>4</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Fe-59	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Fe-60+	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>8</sup>	1 10 <sup>6</sup>
<b>Cobalt</b>				
Co-55	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Co-56	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>10</sup>	1 10 <sup>6</sup>
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Co-57	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Co-58	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Co-58m	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^{13}$	$1 \times 10^8$
Co-60	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{10}$	$1 \times 10^6$
Co-60m	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{16}$	$1 \times 10^7$
Co-61	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Co-62m	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
<b>Nickel</b>				
Ni-56	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Ni-57	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Ni-59	$1 \times 10^4$	$1 \times 10^8$	$1 \times 10^{11}$	$1 \times 10^9$
Ni-63	$1 \times 10^5$	$1 \times 10^8$	$1 \times 10^{11}$	$1 \times 10^9$
Ni-65	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Ni-66	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
<b>Copper</b>				
Cu-60	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
Cu-61	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Cu-64	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Cu-67	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
<b>Zinc</b>				
Zn-62	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Zn-63	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
Zn-65	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Zn-69	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$
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Zn-69m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Zn-71m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Zn-72	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
<b>Gallium</b>				
Ga-65	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Ga-66	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
Ga-67	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Ga-68	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Ga-70	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Ga-72	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
Ga-73	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
<b>Germanium</b>				
Ge-66	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Ge-67	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Ge-68+	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>10</sup>	1 10 <sup>6</sup>
Ge-69	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Ge-71	1 10 <sup>4</sup>	1 10 <sup>8</sup>	1 10 <sup>13</sup>	1 10 <sup>9</sup>
Ge-75	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Ge-77	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>12</sup>	1 10 <sup>6</sup>
Ge-78	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
<b>Arsenic</b>				
As-69	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
As-70	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>12</sup>	1 10 <sup>6</sup>
As-71	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
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As-72	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
As-73	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
As-74	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
As-76	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
As-77	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
As-78	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
<b>Selenium</b>				
Se-70	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Se-73	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Se-73m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Se-75	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Se-79	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
Se-81	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Se-81m	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>14</sup>	1 10 <sup>8</sup>
Se-83	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
<b>Bromine</b>				
Br-74	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Br-74m	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>12</sup>	1 10 <sup>6</sup>
Br-75	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Br-76	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
Br-77	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Br-80	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>14</sup>	1 10 <sup>6</sup>
Br-80m	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>13</sup>	1 10 <sup>8</sup>
Br-82	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>

**a Note 1**

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**b Note 2**

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

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

**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)
Y-94	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Y-95	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>14</sup>	1 10 <sup>6</sup>
<b>Zirconium</b>				
Zr-86	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
Zr-88	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Zr-89	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Zr-93+	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>9</sup>	1 10 <sup>8</sup>
Zr-95	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Zr-97+	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
<b>Niobium</b>				
Nb-88	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Nb-89 (2.03 hours)	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>12</sup>	1 10 <sup>6</sup>
Nb-89 (1.01 hour)	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Nb-90	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
Nb-93m	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Nb-94	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Nb-95	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Nb-95m	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Nb-96	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
Nb-97	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Nb-98	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
<b>Molybdenum</b>				
Mo-90	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
<p><b>a Note 1</b> 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>b Note 2</b> 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)
Mo-93	$1 \times 10^3$	$1 \times 10^8$	$1 \times 10^{11}$	$1 \times 10^9$
Mo-93m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Mo-99	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Mo-101	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
<b>Technetium</b>				
Tc-93	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Tc-93m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Tc-94	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Tc-94m	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
Tc-95	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Tc-95m+	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Tc-96	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Tc-96m	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{14}$	$1 \times 10^8$
Tc-97	$1 \times 10^3$	$1 \times 10^8$	$1 \times 10^{12}$	$1 \times 10^9$
Tc-97m	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Tc-98	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Tc-99	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Tc-99m	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{13}$	$1 \times 10^8$
Tc-101	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$
Tc-104	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
<b>Ruthenium</b>				
Ru-94	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Ru-97	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{12}$	$1 \times 10^8$
Ru-103	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$

**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 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Ru-160+	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>9</sup>	1 10 <sup>6</sup>
<b>Rhodium</b>				
Rh-99	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Rh-99m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Rh-100	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Rh-101	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
Rh-101m	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Rh-102	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Rh-102m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Rh-103m	1 10 <sup>4</sup>	1 10 <sup>8</sup>	1 10 <sup>15</sup>	1 10 <sup>9</sup>
Rh-105	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
Rh-106m	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>12</sup>	1 10 <sup>6</sup>
Rh-107	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
<b>Palladium</b>				
Pd-100	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Pd-101	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Pd-103	1 10 <sup>3</sup>	1 10 <sup>8</sup>	1 10 <sup>11</sup>	1 10 <sup>9</sup>
Pd-107	1 10 <sup>5</sup>	1 10 <sup>8</sup>	1 10 <sup>11</sup>	1 10 <sup>9</sup>
Pd-109;	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
<b>Silver</b>				
Ag-102	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Ag-103	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Ag-104	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
<p><b>a Note 1</b> 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>b Note 2</b> 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 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Ag-105	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Ag-106	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Ag-106m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Ag-108m+	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Ag-110m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Ag-111	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Ag-112	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>12</sup>	1 10 <sup>6</sup>
Ag-115	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
<b>Cadmium</b>				
Cd-104	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>13</sup>	1 10 <sup>8</sup>
Cd-107	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>13</sup>	1 10 <sup>8</sup>
Cd-109	1 10 <sup>4</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Cd-113	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Cd-113m	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Cd-115	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Cd-115m	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Cd-117	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Cd-117m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
<b>Indium</b>				
In-109	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
In-110 (4.9 hours)	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
In-110 (69.1 min)	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
In-111	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>

**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)
In-112	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$
In-113m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
In-114	$1 \times 10^3$	$1 \times 10^5$	$1 \times 10^{15}$	$1 \times 10^6$
In-114m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
In-115	$1 \times 10^3$	$1 \times 10^5$	$1 \times 10^8$	$1 \times 10^6$
In-115m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
In-116m	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
In-117	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
In-117m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
In-119m	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{14}$	$1 \times 10^6$
<b>Tin</b>				
Sn-110	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{12}$	$1 \times 10^8$
Sn-111	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Sn-113	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Sn-117m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Sn-119m	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Sn-121	$1 \times 10^5$	$1 \times 10^7$	$1 \times 10^{12}$	$1 \times 10^8$
Sn-121m+	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Sn-123	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Sn-123m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$
Sn-125	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{10}$	$1 \times 10^6$
Sn-126+	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{10}$	$1 \times 10^6$
Sn-127	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Sn-128	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
<p><b>a Note 1</b> 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>b Note 2</b> 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)
<b>Antimony</b>				
Sb-115	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Sb-116	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Sb-116m	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>12</sup>	1 10 <sup>6</sup>
Sb-117	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>13</sup>	1 10 <sup>8</sup>
Sb-118m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Sb-119	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
Sb-120 (5.76 days)	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Sb-120 (15.89 min)	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Sb-122	1 10 <sup>2</sup>	1 10 <sup>4</sup>	1 10 <sup>11</sup>	1 10 <sup>5</sup>
Sb-124	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Sb-124m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Sb-125	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Sb-126	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>10</sup>	1 10 <sup>6</sup>
Sb-126m	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Sb-127	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Sb-128 (9.01 hours)	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
Sb-128 (10.4 min)	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Sb-129	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Sb-130	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Sb-131	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
<b>Tellurium</b>				
<p><b>a Note 1</b> 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>b Note 2</b> 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	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{13}$	$1 \times 10^8$
Te-121	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Te-121m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Te-123	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Te-123m	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Te-125m	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Te-127	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Te-127m	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Te-129	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$
Te-129m	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Te-131	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{14}$	$1 \times 10^6$
Te-131m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Te-132	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Te-133	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{14}$	$1 \times 10^6$
Te-133m	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
Te-134	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
<b>Iodine</b>				
I-120	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
I-120m	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
I-121	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
I-123	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{12}$	$1 \times 10^8$
I-124	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
I-125	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
I-126	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
<p><b>a Note 1</b> 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>b Note 2</b> 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	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{14}$	$1 \times 10^6$
I-129	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^9$	$1 \times 10^6$
I-130	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
I-131	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
I-132	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
I-132m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
I-133	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
I-134	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
I-135	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
<b>Xenon</b>				
Xe-120	$1 \times 10^2$	$1 \times 10^9$	$1 \times 10^{10}$	
Xe-121	$1 \times 10^2$	$1 \times 10^9$	$1 \times 10^9$	
Xe-122+	$1 \times 10^2$	$1 \times 10^9$	$1 \times 10^{11}$	
Xe-123	$1 \times 10^2$	$1 \times 10^9$	$1 \times 10^9$	
Xe-125	$1 \times 10^3$	$1 \times 10^9$	$1 \times 10^{10}$	
Xe-127	$1 \times 10^3$	$1 \times 10^5$	$1 \times 10^{10}$	
Xe-129m	$1 \times 10^3$	$1 \times 10^4$	$1 \times 10^{11}$	
Xe-131m	$1 \times 10^4$	$1 \times 10^4$	$1 \times 10^{11}$	
Xe-133	$1 \times 10^3$	$1 \times 10^4$	$1 \times 10^{11}$	
Xe-133m	$1 \times 10^3$	$1 \times 10^4$	$1 \times 10^{11}$	
Xe-135	$1 \times 10^3$	$1 \times 10^{10}$	$1 \times 10^{10}$	
Xe-135m	$1 \times 10^2$	$1 \times 10^9$	$1 \times 10^{10}$	
Xe-138	$1 \times 10^2$	$1 \times 10^9$	$1 \times 10^9$	
<b>Caesium</b>				

**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	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^{13}$	$1 \times 10^5$
Cs-127	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
Cs-129	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
<b>Cs-130</b>				
$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$	
Cs-131	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Cs-132	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{11}$	$1 \times 10^6$
Cs-134	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^{10}$	$1 \times 10^5$
Cs-134m	$1 \times 10^3$	$1 \times 10^5$	$1 \times 10^{14}$	$1 \times 10^6$
Cs-135	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Cs-135m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Cs-136	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{10}$	$1 \times 10^6$
Cs-137+	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^{10}$	$1 \times 10^5$
Cs-138	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^{13}$	$1 \times 10^5$
<b>Barium</b>				
Ba-126	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{13}$	$1 \times 10^8$
Ba-128	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Ba-131	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Ba-131m	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{15}$	$1 \times 10^8$
Ba-133	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Ba-133m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Ba-135m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Ba-137m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{15}$	$1 \times 10^7$
Ba-139	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$

**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 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
Ba-141	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Ba-142	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
<b>Lanthanum</b>				
La-131	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
La-132	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
La-135	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>13</sup>	1 10 <sup>8</sup>
La-137	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
La-138	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
La-140	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
La-141	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
La-142	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>12</sup>	1 10 <sup>6</sup>
La-143	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>14</sup>	1 10 <sup>6</sup>
<b>Cerium</b>				
Ce-134	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Ce-135	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Ce-137	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>13</sup>	1 10 <sup>8</sup>
Ce-137m	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Ce-139	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Ce-141	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
Ce-143	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Ce-144+	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>9</sup>	1 10 <sup>6</sup>
<b>Praseodymium</b>				
Pr-136	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>

**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	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Pr-138m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Pr-139	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{13}$	$1 \times 10^8$
Pr-142	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
Pr-142m	$1 \times 10^7$	$1 \times 10^9$	$1 \times 10^{15}$	$1 \times 10^{10}$
Pr-143	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Pr-144	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{14}$	$1 \times 10^6$
Pr-145	$1 \times 10^3$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
Pr-147	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{14}$	$1 \times 10^6$
<b>Neodymium</b>				
Nd-136	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Nd-138	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{12}$	$1 \times 10^8$
Nd-139	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$
Nd-139m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Nd-141	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{14}$	$1 \times 10^8$
Nd-147	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Nd-149	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Nd-151	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{14}$	$1 \times 10^6$
<b>Promethium</b>				
Pm-141	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
Pm-143	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Pm-144	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Pm-145	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Pm-146	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$

**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	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Pm-148	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{11}$	$1 \times 10^6$
Pm-148m+	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Pm-149	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Pm-150	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
Pm-151	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
<b>Samarium</b>				
Sm-141	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
Sm-141m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Sm-142	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{13}$	$1 \times 10^8$
Sm-145	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Sm-146	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^7$	$1 \times 10^6$
Sm-147	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
Sm-151	$1 \times 10^4$	$1 \times 10^8$	$1 \times 10^{10}$	$1 \times 10^9$
Sm-153	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Sm-155	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$
Sm-156	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
<b>Europium</b>				
Eu-145	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Eu-146	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Eu-147	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Eu-148	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Eu-149	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
<p><b>a Note 1</b> 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>b Note 2</b> 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 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Eu-150 (12.6 hours)	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Eu-152	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Eu-152m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Eu-154	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Eu-155	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
Eu-156	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Eu-157	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Eu-158	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
<b>Gadolinium</b>				
Gd-145	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Gd-146+	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Gd-147	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Gd-148	1 10 <sup>1</sup>	1 10 <sup>4</sup>	1 10 <sup>6</sup>	1 10 <sup>5</sup>
Gd-149	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Gd-151	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Gd-152	1 10 <sup>1</sup>	1 10 <sup>4</sup>	1 10 <sup>6</sup>	1 10 <sup>5</sup>
Gd-153	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
Gd-159	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
<b>Terbium</b>				
Tb-147	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Tb-149	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Tb-150	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
<p><b>a Note 1</b> 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>b Note 2</b> 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 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Tb-153	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
Tb-154	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Tb-155	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Tb-156	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Tb-156m (24.4 hours)	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
Tb-156m (5 hours)	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>13</sup>	1 10 <sup>8</sup>
Tb-157	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Tb-158	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Tb-160	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Tb-161	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
<b>Dysprosium</b>				
Dy-155	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Dy-157	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Dy-159	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Dy-165	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Dy-166	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
<b>Holmium</b>				
Ho-155	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Ho-157	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Ho-159	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Ho-161	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>14</sup>	1 10 <sup>8</sup>
Ho-162	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>14</sup>	1 10 <sup>8</sup>
<p><b>a Note 1</b> 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>b Note 2</b> 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 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Ho-164	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Ho-164m	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>14</sup>	1 10 <sup>8</sup>
Ho-166	1 10 <sup>3</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
Ho-166m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Ho-167	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
<b>Erbium</b>				
Er-161	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Er-165	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>13</sup>	1 10 <sup>8</sup>
Er-169	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Er-171	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Er-172	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
<b>Thulium</b>				
Tm-162	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Tm-166	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Tm-167	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Tm-170	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Tm-171	1 10 <sup>4</sup>	1 10 <sup>8</sup>	1 10 <sup>11</sup>	1 10 <sup>9</sup>
Tm-172	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Tm-173	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Tm-175	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
<b>Ytterbium</b>				
Yb-162	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>14</sup>	1 10 <sup>8</sup>
Yb-166	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>

**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	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$
Yb-169	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Yb-175	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Yb-177	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Yb-178	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
<b>Lutetium</b>				
Lu-169	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Lu-170	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Lu-171	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Lu-172	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Lu-173	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Lu-174	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Lu-174m	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Lu-176	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^9$	$1 \times 10^7$
Lu-176m	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Lu-177	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Lu-177m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Lu-178	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{14}$	$1 \times 10^6$
Lu-178m	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
Lu-179	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
<b>Hafnium</b>				
Hf-170	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Hf-172+	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^9$	$1 \times 10^7$
Hf-173	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$

**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	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Hf-177m	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
Hf-178m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^8$	$1 \times 10^7$
Hf-179m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Hf-180m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Hf-181	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Hf-182	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^8$	$1 \times 10^7$
Hf-182m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Hf-183	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Hf-184	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
<b>Tantalum</b>				
Ta-172	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Ta-173	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Ta-174	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Ta-175	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Ta-176	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Ta-177	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{12}$	$1 \times 10^8$
Ta-178	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Ta-179	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Ta-180	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Ta-180m	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{13}$	$1 \times 10^8$
Ta-182	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^{10}$	$1 \times 10^5$
Ta-182m	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$
Ta-183	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
<p><b>a Note 1</b> 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>b Note 2</b> 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 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Ta-185	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Ta-186	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
<b>Tungsten</b>				
W-176	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
W-177	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
W-178+	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
W-179	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>14</sup>	1 10 <sup>8</sup>
W-181	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
W-185	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
W-187	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
W-188+	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
<b>Rhenium</b>				
Re-177	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Re-178	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Re-181	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Re-182 (64 hours)	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Re-182 (12.7 hours)	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Re-184	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Re-184m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Re-186	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Re-186m	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
Re-187	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>13</sup>	1 10 <sup>10</sup>
<p><b>a Note 1</b> 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>b Note 2</b> 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	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
Re-188m	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{14}$	$1 \times 10^8$
Re-189+	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
<b>Osmium</b>				
Os-180	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{14}$	$1 \times 10^8$
Os-181	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Os-182	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Os-185	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Os-189m	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^{14}$	$1 \times 10^8$
Os-191	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Os-191m	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{12}$	$1 \times 10^8$
Os-193	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Os-194+	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^9$	$1 \times 10^6$
<b>Iridium</b>				
Ir-182	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
Ir-184	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Ir-185	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Ir-186 (15.8 hours)	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Ir-186 (1.75 hours)	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Ir-187	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Ir-188	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Ir-189+	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Ir-190	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$

**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 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Ir-190m (1.2 hours)	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>15</sup>	1 10 <sup>8</sup>
Ir-192	1 10 <sup>1</sup>	1 10 <sup>4</sup>	1 10 <sup>10</sup>	1 10 <sup>5</sup>
Ir-192m	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
Ir-193m	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Ir-194	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
Ir-194m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Ir-195	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Ir-195m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
<b>Platinum</b>				
Pt-186	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Pt-188+	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Pt-189	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Pt-191	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Pt-193	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
Pt-193m	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
Pt-195m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Pt-197	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Pt-197m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Pt-199	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Pt-200	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
<b>Gold</b>				
Au-193	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>

**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 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Au-195	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Au-198	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Au-198m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Au-199	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Au-200	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>13</sup>	1 10 <sup>6</sup>
Au-200m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Au-201	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
<b>Mercury</b>				
Hg-193	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Hg-193m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Hg-194+	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Hg-195	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Hg-195m+ (organic)	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Hg-195m+ (inorganic)	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Hg-197	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
Hg-197m (organic)	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Hg-197m (inorganic)	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Hg-199m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Hg-203	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>11</sup>	1 10 <sup>6</sup>
<b>Thallium</b>				
Tl-194	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>

**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 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Tl-195	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Tl-197	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Tl-198	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Tl-198m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Tl-199	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Tl-200	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Tl-201	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
T-202	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Tl-204	1 10 <sup>4</sup>	1 10 <sup>4</sup>	1 10 <sup>11</sup>	1 10 <sup>5</sup>
<b>Lead</b>				
Pb-195m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Pb-198	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Pb-199	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Pb-200	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Pb-201	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Pb-202	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>10</sup>	1 10 <sup>7</sup>
Pb-202m	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Pb-203	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Pb-205	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Pb-209	1 10 <sup>5</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
Pb-210+	1 10 <sup>1</sup>	1 10 <sup>4</sup>	1 10 <sup>8</sup>	1 10 <sup>5</sup>
Pb-211	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>12</sup>	1 10 <sup>7</sup>
Pb-212+	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>10</sup>	1 10 <sup>6</sup>
<p><b>a Note 1</b> 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>b Note 2</b> 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	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
<b>Bismuth</b>				
Bi-200	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Bi-201	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Bi-202	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Bi-203	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Bi-205	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Bi-206	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{10}$	$1 \times 10^6$
Bi-207	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Bi-210	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^9$	$1 \times 10^7$
Bi-210m+	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^8$	$1 \times 10^6$
Bi-212+	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{11}$	$1 \times 10^6$
Bi-213	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Bi-214	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
<b>Polonium</b>				
Po-203	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Po-205	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Po-206	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Po-207	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Po-208	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
Po-209	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
Po-210	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
<b>Astatine</b>				
At-207	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$

**a Note 1**

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**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)
At-211	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
<b>Francium</b>				
Fr-222	$1 \times 10^3$	$1 \times 10^5$	$1 \times 10^{12}$	$1 \times 10^6$
Fr-223	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
<b>Radon</b>				
Rn-220+	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^8$	$1 \times 10^8$
Rn-222+	$1 \times 10^1$	$1 \times 10^8$	$1 \times 10^9$	$1 \times 10^9$
<b>Radium</b>				
Ra-223+	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^7$	$1 \times 10^6$
Ra-224+	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^8$	$1 \times 10^6$
Ra-225	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^7$	$1 \times 10^6$
Ra-226+	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
Ra-227	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Ra-228+	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^8$	$1 \times 10^6$
<b>Actinium</b>				
Ac-224	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Ac-225+	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
Ac-226	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^8$	$1 \times 10^6$
Ac-227+	$1 \times 10^{-1}$	$1 \times 10^3$	$1 \times 10^5$	$1 \times 10^4$
Ac-228	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
<b>Thorium</b>				
Th-226+	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
Th-227	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
Th-228+	$1 \times 10^0$	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^5$

**a Note 1**

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**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+	$1 \times 10^0$	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^4$
Th-230	$1 \times 10^0$	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^5$
Th-231	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{12}$	$1 \times 10^8$
Th-232	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^5$
Th-232 <sub>sec</sub>	$1 \times 10^0$	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^4$
Th-234+	$1 \times 10^3$	$1 \times 10^5$	$1 \times 10^{10}$	$1 \times 10^6$
<b>Protactinium</b>				
Pa-227	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Pa-228	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Pa-230	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^8$	$1 \times 10^7$
Pa-231	$1 \times 10^0$	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^4$
Pa-232	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Pa-233	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{10}$	$1 \times 10^8$
Pa-234	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
<b>Uranium</b>				
U-230+	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^7$	$1 \times 10^6$
U-231	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{11}$	$1 \times 10^8$
U-232+	$1 \times 10^0$	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^4$
U-233	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
U-234	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
U-235+	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
U-236	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
U-237	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
U-238+	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$

**a Note 1**

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**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 <sup>0</sup>	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>4</sup>
U-239	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>14</sup>	1 10 <sup>7</sup>
U-240	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>12</sup>	1 10 <sup>8</sup>
U-240+	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
<b>Neptunium</b>				
Np-232	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Np-233	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>14</sup>	1 10 <sup>8</sup>
Np-234	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Np-235	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Np-236 (1.15 10 <sup>5</sup> years)	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>8</sup>	1 10 <sup>6</sup>
Np-236 (22.5 hours)	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Np-237+	1 10 <sup>0</sup>	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>4</sup>
Np-238	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>11</sup>	1 10 <sup>7</sup>
Np-239	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Np-240	1 10 <sup>1</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
<b>Plutonium</b>				
Pu-234	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
Pu-235	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>14</sup>	1 10 <sup>8</sup>
Pu-236	1 10 <sup>1</sup>	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>5</sup>
Pu-237	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Pu-238	1 10 <sup>0</sup>	1 10 <sup>4</sup>	1 10 <sup>6</sup>	1 10 <sup>5</sup>
Pu-239	1 10 <sup>0</sup>	1 10 <sup>4</sup>	1 10 <sup>6</sup>	1 10 <sup>5</sup>
Pu-240	1 10 <sup>0</sup>	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>4</sup>

**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	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^8$	$1 \times 10^6$
Pu-242	$1 \times 10^0$	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^5$
Pu-243	$1 \times 10^3$	$1 \times 10^7$	$1 \times 10^{13}$	$1 \times 10^8$
Pu-244	$1 \times 10^0$	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^5$
Pu-245	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Pu-246	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
<b>Americium</b>				
Am-237	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Am-238	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Am-239	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
Am-240	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Am-241	$1 \times 10^0$	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^5$
Am-242	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{10}$	$1 \times 10^7$
Am-242m+	$1 \times 10^0$	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^5$
Am-243+	$1 \times 10^0$	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^4$
Am-244	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Am-244m	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^{14}$	$1 \times 10^8$
Am-245	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
Am-246	$1 \times 10^1$	$1 \times 10^5$	$1 \times 10^{13}$	$1 \times 10^6$
Am-246m	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{13}$	$1 \times 10^7$
<b>Curium</b>				
Cm-238	$1 \times 10^2$	$1 \times 10^7$	$1 \times 10^{12}$	$1 \times 10^8$
Cm-240	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^7$	$1 \times 10^6$
Cm-241	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^9$	$1 \times 10^7$

**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	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^7$	$1 \times 10^6$
Cm-243	$1 \times 10^0$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
Cm-244	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
Cm-245	$1 \times 10^0$	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^4$
Cm-246	$1 \times 10^0$	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^4$
Cm-247	$1 \times 10^0$	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^5$
Cm-248	$1 \times 10^0$	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^4$
Cm-249	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^{14}$	$1 \times 10^7$
Cm-250	$1 \times 10^{-1}$	$1 \times 10^3$	$1 \times 10^5$	$1 \times 10^4$
<b>Berkelium</b>				
Bk-245	$1 \times 10^2$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Bk-246	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{11}$	$1 \times 10^7$
Bk-247	$1 \times 10^0$	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^5$
Bk-249	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^9$	$1 \times 10^7$
Bk-250	$1 \times 10^1$	$1 \times 10^6$	$1 \times 10^{12}$	$1 \times 10^7$
<b>Californium</b>				
Cf-244	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^{12}$	$1 \times 10^8$
Cf-246	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^9$	$1 \times 10^7$
Cf-248	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
Cf-249	$1 \times 10^0$	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^4$
Cf-250	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^6$	$1 \times 10^5$
Cf-251	$1 \times 10^0$	$1 \times 10^3$	$1 \times 10^6$	$1 \times 10^4$
Cf-252	$1 \times 10^1$	$1 \times 10^4$	$1 \times 10^7$	$1 \times 10^5$
Cf-253	$1 \times 10^2$	$1 \times 10^5$	$1 \times 10^8$	$1 \times 10^6$

**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 <sup>0</sup>	1 10 <sup>3</sup>	1 10 <sup>7</sup>	1 10 <sup>4</sup>
<b>Einsteinium</b>				
Es-250	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>13</sup>	1 10 <sup>7</sup>
Es-251	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Es-253	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>8</sup>	1 10 <sup>6</sup>
Es-254	1 10 <sup>1</sup>	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>5</sup>
Es-254m	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
<b>Fermium</b>				
Fm-252	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Fm-253	1 10 <sup>2</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Fm-254	1 10 <sup>4</sup>	1 10 <sup>7</sup>	1 10 <sup>10</sup>	1 10 <sup>8</sup>
Fm-255	1 10 <sup>3</sup>	1 10 <sup>6</sup>	1 10 <sup>9</sup>	1 10 <sup>7</sup>
Fm-257	1 10 <sup>1</sup>	1 10 <sup>5</sup>	1 10 <sup>7</sup>	1 10 <sup>6</sup>
<b>Mendelevium</b>				
Md-257	1 10 <sup>2</sup>	1 10 <sup>7</sup>	1 10 <sup>11</sup>	1 10 <sup>8</sup>
Md-258	1 10 <sup>2</sup>	1 10 <sup>5</sup>	1 10 <sup>7</sup>	1 10 <sup>6</sup>
Other radionuclides not listed above (see note 1)	1 10 <sup>-1</sup>	1 10 <sup>3</sup>	1 10 <sup>5</sup>	1 10 <sup>4</sup>
<p><b>a Note 1</b> 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>b Note 2</b> 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.**

Parent nuclide	Daughter nuclides
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

## PART II

### QUANTITY RATIOS FOR MORE THAN ONE RADIONUCLIDE

1. For the purpose of Regulation 2(4), the quantity ratio for more than one radionuclide is the sum of the quotients of the quantity of a radionuclide present  $Q_p$  divided by the quantity of that radionuclide specified in the appropriate column of Part I of this Schedule  $Q_{lim}$ , namely—

$$\sum \frac{Q_p}{Q_{im}}$$

2. In any case where the isotopic composition of a radioactive substance is not known or is only partially known, the quantity ratio for that substance shall be calculated by using the values specified



in the appropriate column in Part I for 'other radionuclides not listed above' for any radionuclide that has not been identified or where the quantity of a radionuclide is uncertain, unless the employer can show that the use of some other value is appropriate in the circumstances of a particular case, when he may use that value.