SCHEDULE 1 Regulation 3(1)

PART 1

Table of radionuclides

Commencement Information
I1 Sch. 1 Pt. 1 in force at 22.5.2019, see **reg. 1(1)**

Radionuclide	*Form*	*Activity (Bq)*
Actinium		
Ac-224		2×10^{11}
Ac-225		3×10^{09}
Ac-226		2×10^{10}
Ac-227		5×10^{07}
Ac-228		7×10^{11}
Aluminium		
Al-26		6×10^{11}
Americium		
Am-237		2×10^{14}
Am-238		9×10^{13}
Am-239		3×10^{13}
Am-240		1×10^{13}
Am-241		3×10^{08}
Am-242		1×10^{12}
Am-242m		3×10^{08}
Am-243		3×10^{08}
Am-244		7×10^{12}
Am-244m		2×10^{14}
Am-245		1×10^{14}
Am-246		9×10^{13}
Am-246m		1×10^{14}
Antimony		
Sb-115		2×10^{14}

Sb-116	9×10^{13}
Sb-116m	4×10^{13}
Sb-117	3×10^{14}
Sb-118m	3×10^{13}
Sb-119	1×10^{14}
Sb-120	3×10^{14}
Sb-120m	7×10^{12}
Sb-122	5×10^{12}
Sb-124	2×10^{12}
Sb-124n	1×10^{15}
Sb-125	2×10^{12}
Sb-126	3×10^{12}
Sb-126m	1×10^{14}
Sb-127	4×10^{12}
Sb-128	1×10^{13}
Sb-128m	1×10^{14}
Sb-129	2×10^{13}
Sb-130	4×10^{13}
Sb-131	5×10^{13}
Argon	
Ar-37	2×10^{20}
Ar-39	4×10^{16}
Ar-41	7×10^{13}
Arsenic	
As-69	1×10^{14}
As-70	3×10^{13}
As-71	2×10^{13}
As-72	5×10^{12}
As-73	2×10^{13}
As-74	5×10^{12}
As-76	5×10^{12}

As-77	2×10^{13}
As-78	3×10^{13}
Astatine	
At-207	1×10^{13}
At-211	2×10^{11}
Barium	
Ba-126	3×10^{13}
Ba-128	4×10^{12}
Ba-131	1×10^{13}
Ba-131m	1×10^{15}
Ba-133	2×10^{12}
Ba-133m	1×10^{13}
Ba-135m	2×10^{13}
Ba-139	7×10^{13}
Ba-140	3×10^{12}
Ba-141	1×10^{14}
Ba-142	2×10^{14}
Berkelium	
Bk-245	9×10^{12}
Bk-246	2×10^{13}
Bk-247	4×10^{08}
Bk-249	2×10^{11}
Bk-250	2×10^{13}
Beryllium	
Be-7	2×10^{14}
Be-10	8×10^{11}
Bismuth	
Bi-200	6×10^{13}
Bi-201	4×10^{13}
Bi-202	4×10^{13}
Bi-203	2×10^{13}

Bi-205	8×10^{12}
Bi-206	4×10^{12}
Bi-207	2×10^{12}
Bi-210	3×10^{11}
Bi-210m	8×10^{09}
Bi-212	1×10^{12}
Bi-213	1×10^{12}
Bi-214	3×10^{12}
Bromine	
Br-74	3×10^{13}
Br-74m	3×10^{13}
Br-75	6×10^{13}
Br-76	1×10^{13}
Br-77	8×10^{13}
Br-80	3×10^{14}
Br-80m	7×10^{13}
Br-82	1×10^{13}
Br-83	1×10^{14}
Br-84	6×10^{13}
Cadmium	
Cd-104	2×10^{14}
Cd-107	1×10^{14}
Cd-109	2×10^{12}
Cd-113	2×10^{11}
Cd-113m	2×10^{11}
Cd-115	6×10^{12}
Cd-115m	2×10^{12}
Cd-117	3×10^{13}
Cd-117m	2×10^{13}
Caesium	
Cs-125	1×10^{14}

Cs-127		2×10^{14}
Cs-129		1×10^{14}
Cs-130		2×10^{14}
Cs-131		2×10^{14}
Cs-132		2×10^{13}
Cs-134		4×10^{11}
Cs-134m		2×10^{14}
Cs-135		3×10^{12}
Cs-135m		1×10^{14}
Cs-136		5×10^{12}
Cs-137		4×10^{11}
Cs-138		5×10^{13}
Calcium		
Ca-41		6×10^{13}
Ca-45		2×10^{12}
Ca-47		2×10^{12}
Californium		
Cf-244		3×10^{12}
Cf-246		6×10^{10}
Cf-248		3×10^{09}
Cf-249		4×10^{08}
Cf-250		9×10^{08}
Cf-251		4×10^{08}
Cf-252		1×10^{09}
Cf-253		2×10^{10}
Cf-254		5×10^{08}
Carbon		
C-11		2×10^{14}
	carbon dioxide	2×10^{14}
	carbon monoxide	3×10^{14}
	methane	3×10^{14}

	vapour	2×10^{14}
C-14		5×10^{12}
	carbon dioxide	3×10^{12}
	carbon monoxide	3×10^{12}
	methane	3×10^{12}
	vapour	3×10^{12}
Cerium		
Ce-134		3×10^{12}
Ce-135		1×10^{13}
Ce-137		3×10^{14}
Ce-137m		1×10^{13}
Ce-139		9×10^{12}
Ce-141		5×10^{12}
Ce-143		7×10^{12}
Ce-144		4×10^{11}
Chlorine		
Cl-36		3×10^{12}
Cl-38		5×10^{13}
Cl-39		6×10^{13}
Chromium		
Cr-48		4×10^{13}
Cr-49		9×10^{13}
Cr-51		2×10^{14}
Cobalt		
Co-55		9×10^{12}
Co-56		1×10^{12}
Co-57		1×10^{13}
Co-58		5×10^{12}
Co-58m		4×10^{14}
Co-60		6×10^{11}
Co-60m		5×10^{15}

Co-61	1×10^{14}
Co-62m	7×10^{13}
Copper	
Cu-60	4×10^{13}
Cu-61	5×10^{13}
Cu-64	6×10^{13}
Cu-67	2×10^{13}
Curium	
Cm-238	6×10^{12}
Cm-240	8×10^{09}
Cm-241	7×10^{11}
Cm-242	5×10^{09}
Cm-243	4×10^{08}
Cm-244	5×10^{08}
Cm-245	3×10^{08}
Cm-246	3×10^{08}
Cm-247	3×10^{08}
Cm-248	8×10^{07}
Cm-249	2×10^{14}
Cm-250	1×10^{07}
Dysprosium	
Dy-155	6×10^{13}
Dy-157	1×10^{14}
Dy-159	4×10^{13}
Dy-165	7×10^{13}
Dy-166	5×10^{12}
Einsteinium	
Es-250m	4×10^{13}
Es-251	1×10^{13}
Es-253	1×10^{10}
Es-254	3×10^{09}

Es-254m	6×10^{10}
Erbium	
Er-161	7×10^{13}
Er-165	5×10^{14}
Er-169	1×10^{13}
Er-171	2×10^{13}
Er-172	8×10^{12}
Europium	
Eu-145	1×10^{13}
Eu-146	7×10^{12}
Eu-147	1×10^{13}
Eu-148	3×10^{12}
Eu-149	4×10^{13}
Eu-150	5×10^{11}
Eu-150m	2×10^{13}
Eu-152	6×10^{11}
Eu-152m	2×10^{13}
Eu-154	5×10^{11}
Eu-155	4×10^{12}
Eu-156	3×10^{12}
Eu-157	1×10^{13}
Eu-158	6×10^{13}
Fermium	
Fm-252	9×10^{10}
Fm-253	7×10^{10}
Fm-254	4×10^{11}
Fm-255	1×10^{11}
Fm-257	3×10^{09}
Fluorine	
F-18	8×10^{13}
Francium	

Fr-222	3×10^{12}
Fr-223	4×10^{12}
Gadolinium	
Gd-145	7×10^{13}
Gd-146	3×10^{12}
Gd-147	1×10^{13}
Gd-148	1×10^{09}
Gd-149	1×10^{13}
Gd-151	1×10^{13}
Gd-152	2×10^{09}
Gd-153	7×10^{12}
Gd-159	2×10^{13}
Gallium	
Ga-65	1×10^{14}
Ga-66	7×10^{12}
Ga-67	4×10^{13}
Ga-68	6×10^{13}
Ga-70	3×10^{14}
Ga-72	8×10^{12}
Ga-73	3×10^{13}
Germanium	
Ge-66	7×10^{13}
Ge-67	9×10^{13}
Ge-68	2×10^{12}
Ge-69	3×10^{13}
Ge-71	6×10^{14}
Ge-75	2×10^{14}
Ge-77	2×10^{13}
Ge-78	7×10^{13}
Gold	
Au-193	6×10^{13}

Au-194	2×10^{13}
Au-195	1×10^{13}
Au-198	7×10^{12}
Au-198m	6×10^{12}
Au-199	2×10^{13}
Au-200	1×10^{14}
Au-200m	8×10^{12}
Au-201	3×10^{14}
Hafnium	
Hf-170	2×10^{13}
Hf-172	7×10^{11}
Hf-173	4×10^{13}
Hf-175	1×10^{13}
Hf-177m	5×10^{13}
Hf-178m	1×10^{11}
Hf-179m	4×10^{12}
Hf-180m	4×10^{13}
Hf-181	4×10^{12}
Hf-182	1×10^{11}
Hf-182m	1×10^{14}
Hf-183	8×10^{13}
Hf-184	2×10^{13}
Holmium	
Ho-155	1×10^{14}
Ho-157	4×10^{14}
Ho-159	4×10^{14}
Ho-161	6×10^{14}
Ho-162	1×10^{15}
Ho-162m	2×10^{14}
Ho-164	7×10^{14}
Ho-164m	5×10^{14}

Ho-166		6×10^{12}
Ho-166m		2×10^{11}
Ho-167		7×10^{13}
Hydrogen		
H-3		1×10^{14}
	organically bound tritium	3×10^{14}
	elemental gas	7×10^{14}
	tritiated methane	2×10^{15}
	tritiated water vapour	7×10^{14}
Indium		
In-109		9×10^{13}
In-110		3×10^{13}
In-110m		5×10^{13}
In-111		3×10^{13}
In-112		5×10^{14}
In-113m		2×10^{14}
In-114		4×10^{15}
In-114m		9×10^{11}
In-115		7×10^{10}
In-115m		8×10^{13}
In-116m		5×10^{13}
In-117		1×10^{14}
In-117m		7×10^{13}
In-119m		2×10^{14}
Iodine		
I-120		2×10^{13}
	methyl iodide	2×10^{13}
	elemental	1×10^{13}
I-120m		2×10^{13}
	methyl iodide	2×10^{13}
	elemental	2×10^{13}

I-121		9×10^{13}
	methyl iodide	9×10^{13}
	elemental	8×10^{13}
I-123		3×10^{13}
	methyl iodide	3×10^{13}
	elemental	3×10^{13}
I-124		6×10^{11}
	methyl iodide	5×10^{11}
	elemental	4×10^{11}
I-125		1×10^{12}
	methyl iodide	1×10^{12}
	elemental	8×10^{11}
I-126		3×10^{11}
	methyl iodide	3×10^{11}
	elemental	2×10^{11}
I-128		2×10^{14}
	methyl iodide	2×10^{14}
	elemental	2×10^{14}
I-129		2×10^{11}
	methyl iodide	2×10^{11}
	elemental	1×10^{11}
I-130		3×10^{12}
	methyl iodide	3×10^{12}
	elemental	3×10^{12}
I-131		3×10^{11}
	methyl iodide	2×10^{11}
	elemental	2×10^{11}
I-132		4×10^{13}
	methyl iodide	3×10^{13}
	elemental	3×10^{13}
I-132m		3×10^{13}

	methyl iodide	3×10^{13}
	elemental	2×10^{13}
I-133		4×10^{12}
	methyl iodide	3×10^{12}
	elemental	2×10^{12}
I-134		4×10^{13}
	methyl iodide	4×10^{13}
	elemental	4×10^{13}
I-135		2×10^{13}
	methyl iodide	1×10^{13}
	elemental	1×10^{13}
Iridium		
Ir-182		1×10^{14}
Ir-184		3×10^{13}
Ir-185		3×10^{13}
Ir-186		2×10^{13}
Ir-186m		7×10^{13}
Ir-187		6×10^{13}
Ir-188		1×10^{13}
Ir-189		2×10^{13}
Ir-190		5×10^{12}
Ir-190m		1×10^{15}
Ir-190n		8×10^{13}
Ir-192		3×10^{12}
Ir-192n		8×10^{11}
Ir-193m		2×10^{13}
Ir-194		6×10^{12}
Ir-194m		1×10^{12}
Ir-195		7×10^{13}
Ir-195m		3×10^{13}
Iron		

Fe-52	7×10^{12}
Fe-55	2×10^{13}
Fe-59	3×10^{12}
Fe-60	8×10^{10}
Krypton	
Kr-74	2×10^{14}
Kr-76	2×10^{14}
Kr-77	1×10^{14}
Kr-79	4×10^{14}
Kr-81	3×10^{16}
Kr-81m	7×10^{16}
Kr-83m	3×10^{18}
Kr-85	2×10^{16}
Kr-85m	6×10^{14}
Kr-87	1×10^{14}
Kr-88	5×10^{13}
Lanthanum	
La-131	1×10^{14}
La-132	2×10^{13}
La-135	3×10^{14}
La-137	3×10^{12}
La-138	2×10^{11}
La-140	1×10^{13}
La-141	2×10^{13}
La-142	3×10^{13}
La-143	2×10^{14}
Lead	
Pb-195m	1×10^{14}
Pb-198	8×10^{13}
Pb-199	9×10^{13}
Pb-200	2×10^{13}

Pb-201	5×10^{13}
Pb-202	2×10^{12}
Pb-202m	4×10^{13}
Pb-203	3×10^{13}
Pb-205	3×10^{13}
Pb-209	1×10^{14}
Pb-210	5×10^{09}
Pb-211	2×10^{12}
Pb-212	1×10^{11}
Pb-214	3×10^{12}
Lutetium	
Lu-169	2×10^{13}
Lu-170	9×10^{12}
Lu-171	1×10^{13}
Lu-172	6×10^{12}
Lu-173	7×10^{12}
Lu-174	5×10^{12}
Lu-174m	5×10^{12}
Lu-176	4×10^{11}
Lu-176m	5×10^{13}
Lu-177	1×10^{13}
Lu-177m	1×10^{12}
Lu-178	2×10^{14}
Lu-178m	1×10^{14}
Lu-179	4×10^{13}
Magnesium	
Mg-28	4×10^{12}
Manganese	
Mn-51	7×10^{13}
Mn-52	5×10^{12}
Mn-52m	6×10^{13}

Mn-53		2×10^{14}
Mn-54		4×10^{12}
Mn-56		3×10^{13}
Mendelevium		
Md-257		1×10^{12}
Md-258		4×10^{09}
Mercury		
Hg-193	inorganic	6×10^{13}
	organic	8×10^{13}
	vapour	2×10^{13}
Hg-193m	inorganic	2×10^{13}
	organic	3×10^{13}
	vapour	7×10^{12}
Hg-194	inorganic	2×10^{12}
	organic	9×10^{11}
	vapour	7×10^{11}
Hg-195	inorganic	8×10^{13}
	organic	1×10^{14}
	vapour	2×10^{13}
Hg-195m	inorganic	1×10^{13}
	organic	2×10^{13}
	vapour	3×10^{12}
Hg-197	inorganic	3×10^{13}
	organic	5×10^{13}
	vapour	6×10^{12}
Hg-197m	inorganic	1×10^{13}
	organic	2×10^{13}
	vapour	4×10^{12}
Hg-199m	inorganic	2×10^{14}
	organic	2×10^{14}
	vapour	1×10^{14}

Hg-203	inorganic	8×10^{12}
	organic	8×10^{12}
	vapour	3×10^{12}
Molybdenum		
Mo-90		2×10^{13}
Mo-93		6×10^{12}
Mo-93m		3×10^{13}
Mo-99		1×10^{13}
Mo-101		1×10^{14}
Neodymium		
Nd-136		9×10^{13}
Nd-138		1×10^{13}
Nd-139		2×10^{14}
Nd-139m		3×10^{13}
Nd-141		8×10^{14}
Nd-147		6×10^{12}
Nd-149		6×10^{13}
Nd-151		2×10^{14}
Neon		
Ne-19		1×10^{16}
Neptunium		
Np-232		2×10^{14}
Np-233		2×10^{15}
Np-234		1×10^{13}
Np-235		3×10^{13}
Np-236		4×10^{09}
Np-236m		3×10^{12}
Np-237		6×10^{08}
Np-238		6×10^{12}
Np-239		9×10^{12}
Np-240		6×10^{13}

Nickel		
Ni-56		9×10^{12}
	nickel carbonyl	9×10^{12}
Ni-57		1×10^{13}
	nickel carbonyl	1×10^{13}
Ni-59		6×10^{13}
	nickel carbonyl	3×10^{13}
Ni-63		2×10^{13}
	nickel carbonyl	1×10^{13}
Ni-65		4×10^{13}
	nickel carbonyl	3×10^{13}
Ni-66		3×10^{12}
	nickel carbonyl	3×10^{12}
Nitrogen		
N-13	gas	4×10^{14}
Niobium		
Nb-88		5×10^{13}
Nb-89		2×10^{13}
Nb-89m		5×10^{13}
Nb-90		7×10^{12}
Nb-93m		1×10^{13}
Nb-94		5×10^{11}
Nb-95		9×10^{12}
Nb-95m		1×10^{13}
Nb-96		8×10^{12}
Nb-97		9×10^{13}
Nb-98m		4×10^{13}
Osmium		
Os-180		5×10^{14}
Os-181		6×10^{13}
Os-182		2×10^{13}

Os-185		7×10^{12}
Os-189m		4×10^{14}
Os-191		9×10^{12}
Os-191m		7×10^{13}
Os-193		1×10^{13}
Os-194		3×10^{11}
Oxygen		
O-15	gas	2×10^{15}
Palladium		
Pd-100		1×10^{13}
Pd-101		8×10^{13}
Pd-103		3×10^{13}
Pd-107		5×10^{13}
Pd-109		1×10^{13}
Phosphorus		
P-32		7×10^{11}
P-33		4×10^{12}
Platinum		
Pt-186		8×10^{13}
Pt-188		1×10^{13}
Pt-189		7×10^{13}
Pt-191		3×10^{13}
Pt-193		2×10^{14}
Pt-193m		2×10^{13}
Pt-195m		1×10^{13}
Pt-197		2×10^{13}
Pt-197m		1×10^{14}
Pt-199		2×10^{14}
Pt-200		8×10^{12}
Plutonium		
Pu-234		1×10^{12}

Pu-235	2×10^{15}
Pu-236	8×10^{08}
Pu-237	4×10^{13}
Pu-238	3×10^{08}
Pu-239	3×10^{08}
Pu-240	3×10^{08}
Pu-241	1×10^{10}
Pu-242	3×10^{08}
Pu-243	8×10^{13}
Pu-244	3×10^{08}
Pu-245	1×10^{13}
Pu-246	2×10^{12}
Polonium	
Po-203	8×10^{13}
Po-205	7×10^{13}
Po-206	1×10^{11}
Po-207	5×10^{13}
Po-208	3×10^{09}
Po-209	2×10^{09}
Po-210	4×10^{09}
Potassium	
K-40	1×10^{12}
K-42	2×10^{13}
K-43	3×10^{13}
K-44	5×10^{13}
K-45	8×10^{13}
Praseodymium	
Pr-136	1×10^{14}
Pr-137	1×10^{14}
Pr-138m	4×10^{13}
Pr-139	2×10^{14}

Pr-142	6×10^{12}
Pr-142m	6×10^{14}
Pr-143	5×10^{12}
Pr-144	2×10^{14}
Pr-145	2×10^{13}
Pr-147	2×10^{14}
Promethium	
Pm-141	2×10^{14}
Pm-143	9×10^{12}
Pm-144	2×10^{12}
Pm-145	8×10^{12}
Pm-146	1×10^{12}
Pm-147	5×10^{12}
Pm-148	3×10^{12}
Pm-148m	2×10^{12}
Pm-149	8×10^{12}
Pm-150	3×10^{13}
Pm-151	1×10^{13}
Protactinium	
Pa-227	4×10^{11}
Pa-228	4×10^{11}
Pa-230	4×10^{10}
Pa-231	2×10^{08}
Pa-232	3×10^{12}
Pa-233	5×10^{12}
Pa-234	1×10^{13}
Radium	
Ra-223	3×10^{09}
Ra-224	8×10^{09}
Ra-225	4×10^{09}
Ra-226	3×10^{09}

Ra-227	6×10^{13}
Ra-228	2×10^{09}
Rhenium	
Re-177	5×10^{14}
Re-178	1×10^{14}
Re-181	2×10^{13}
Re-182	5×10^{12}
Re-182m	3×10^{13}
Re-184	6×10^{12}
Re-184m	3×10^{12}
Re-186	5×10^{12}
Re-186m	2×10^{12}
Re-187	1×10^{15}
Re-188	6×10^{12}
Re-188m	3×10^{14}
Re-189	1×10^{13}
Rhodium	
Rh-99	1×10^{13}
Rh-99m	9×10^{13}
Rh-100	1×10^{13}
Rh-101	4×10^{12}
Rh-101m	4×10^{13}
Rh-102	2×10^{12}
Rh-102m	9×10^{11}
Rh-103m	2×10^{15}
Rh-105	2×10^{13}
Rh-106m	3×10^{13}
Rh-107	3×10^{14}
Rubidium	
Rb-79	9×10^{13}
Rb-81	9×10^{13}

Rb-81m		8×10^{14}
Rb-82m		3×10^{13}
Rb-83		6×10^{12}
Rb-84		4×10^{12}
Rb-86		3×10^{12}
Rb-87		6×10^{12}
Rb-88		9×10^{13}
Rb-89		8×10^{13}
Ruthenium		
Ru-94		9×10^{13}
	ruthenium tetroxide	8×10^{13}
Ru-97		6×10^{13}
	ruthenium tetroxide	6×10^{13}
Ru-103		7×10^{12}
	ruthenium tetroxide	1×10^{13}
Ru-105		3×10^{13}
	ruthenium tetroxide	3×10^{13}
Ru-106		4×10^{11}
	ruthenium tetroxide	8×10^{11}
Samarium		
Sm-141		1×10^{14}
Sm-141m		7×10^{13}
Sm-142		5×10^{13}
Sm-145		1×10^{13}
Sm-146		3×10^{09}
Sm-147		3×10^{09}
Sm-151		7×10^{12}
Sm-153		1×10^{13}
Sm-155		3×10^{14}
Sm-156		3×10^{13}
Scandium		

Sc-43	4×10^{13}
Sc-44	2×10^{13}
Sc-44m	4×10^{12}
Sc-46	2×10^{12}
Sc-47	1×10^{13}
Sc-48	5×10^{12}
Sc-49	1×10^{14}
Selenium	
Se-70	6×10^{13}
Se-73	3×10^{13}
Se-73m	2×10^{14}
Se-75	4×10^{12}
Se-79	2×10^{12}
Se-81	3×10^{14}
Se-81m	1×10^{14}
Se-83	6×10^{13}
Silicon	
Si-31	6×10^{13}
Si-32	3×10^{11}
Silver	
Ag-102	7×10^{13}
Ag-103	1×10^{14}
Ag-104	5×10^{13}
Ag-104m	7×10^{13}
Ag-105	1×10^{13}
Ag-106	2×10^{14}
Ag-106m	6×10^{12}
Ag-108m	6×10^{11}
Ag-110m	1×10^{12}
Ag-111	6×10^{12}
Ag-112	2×10^{13}

Ag-115		1×10^{14}
Sodium		
Na-22		1×10^{12}
Na-24		1×10^{13}
Strontium		
Sr-80		3×10^{13}
Sr-81		8×10^{13}
Sr-82		1×10^{12}
Sr-83		2×10^{13}
Sr-85		1×10^{13}
Sr-85m		6×10^{14}
Sr-87m		2×10^{14}
Sr-89		2×10^{12}
Sr-90		2×10^{11}
Sr-91		1×10^{13}
Sr-92		2×10^{13}
Sulphur		
S-35	inorganic	1×10^{13}
	organic	1×10^{13}
	gas / vapour	1×10^{11}
Tantalum		
Ta-172		7×10^{13}
Ta-173		4×10^{13}
Ta-174		8×10^{13}
Ta-175		4×10^{13}
Ta-176		2×10^{13}
Ta-177		7×10^{13}
Ta-178m		7×10^{13}
Ta-179		3×10^{13}
Ta-180		1×10^{14}
Ta-182		2×10^{12}

Ta-182m		4×10^{14}
Ta-183		5×10^{12}
Ta-184		1×10^{13}
Ta-185		1×10^{14}
Ta-186		1×10^{14}
Technetium		
Tc-93		7×10^{13}
Tc-93m		1×10^{14}
Tc-94		3×10^{13}
Tc-94m		5×10^{13}
Tc-95		4×10^{13}
Tc-95m		8×10^{12}
Tc-96		8×10^{12}
Tc-96m		7×10^{14}
Tc-97		2×10^{13}
Tc-97m		6×10^{12}
Tc-98		5×10^{11}
Tc-99		2×10^{12}
Tc-99m		3×10^{14}
Tc-101		3×10^{14}
Tc-104		6×10^{13}
Tellurium		
Te-116		5×10^{13}
	vapour	6×10^{13}
Te-121		2×10^{13}
	vapour	2×10^{13}
Te-121m		3×10^{12}
	vapour	2×10^{12}
Te-123		4×10^{12}
	vapour	2×10^{12}
Te-123m		4×10^{12}

	vapour	3×10^{12}
Te-125m		5×10^{12}
	vapour	6×10^{12}
Te-127		4×10^{13}
	vapour	5×10^{13}
Te-127m		2×10^{12}
	vapour	2×10^{12}
Te-129		1×10^{14}
	vapour	1×10^{14}
Te-129m		2×10^{12}
	vapour	2×10^{12}
Te-131		9×10^{13}
	vapour	8×10^{13}
Te-131m		4×10^{12}
	vapour	3×10^{12}
Te-132		4×10^{12}
	vapour	2×10^{12}
Te-133		8×10^{13}
	vapour	8×10^{13}
Te-133m		2×10^{13}
	vapour	2×10^{13}
Te-134		6×10^{13}
	vapour	6×10^{13}
Terbium		
Tb-147		3×10^{13}
Tb-149		5×10^{12}
Tb-150		2×10^{13}
Tb-151		2×10^{13}
Tb-153		1×10^{13}
Tb-154		1×10^{13}
Tb-155		4×10^{13}

Tb-156	7×10^{12}
Tb-156m	5×10^{13}
Tb-156n	9×10^{13}
Tb-157	2×10^{13}
Tb-158	6×10^{11}
Tb-160	2×10^{12}
Tb-161	9×10^{12}
Thallium	
Tl-194	2×10^{14}
Tl-194m	7×10^{13}
Tl-195	1×10^{14}
Tl-197	2×10^{14}
Tl-198	5×10^{13}
Tl-198m	7×10^{13}
Tl-199	2×10^{14}
Tl-200	3×10^{13}
Tl-201	9×10^{13}
Tl-202	2×10^{13}
Tl-204	6×10^{12}
Thorium	
Th-226	6×10^{11}
Th-227	3×10^{09}
Th-228	7×10^{08}
Th-229	1×10^{08}
Th-230	3×10^{08}
Th-231	2×10^{13}
Th-232	3×10^{08}
Th-234	2×10^{12}
Thulium	
Tm-162	9×10^{13}
Tm-166	2×10^{13}

Tm-167	1×10^{13}
Tm-170	2×10^{12}
Tm-171	2×10^{13}
Tm-172	5×10^{12}
Tm-173	3×10^{13}
Tm-175	2×10^{14}
Tin	
Sn-110	3×10^{13}
Sn-111	2×10^{14}
Sn-113	6×10^{12}
Sn-117m	7×10^{12}
Sn-119m	9×10^{12}
Sn-121	3×10^{13}
Sn-121m	5×10^{12}
Sn-123	2×10^{12}
Sn-123m	2×10^{14}
Sn-125	2×10^{12}
Sn-126	8×10^{11}
Sn-127	3×10^{13}
Sn-128	5×10^{13}
Titanium	
Ti-44	2×10^{11}
Ti-45	4×10^{13}
Tungsten	
W-176	1×10^{14}
W-177	9×10^{13}
W-178	5×10^{13}
W-179	2×10^{15}
W-181	9×10^{13}
W-185	2×10^{13}
W-187	1×10^{13}

W-188	4×10^{12}
Uranium	
U-230	2×10^{09}
U-231	2×10^{13}
U-232	8×10^{08}
U-233	3×10^{09}
U-234	3×10^{09}
U-235	3×10^{09}
U-236	3×10^{09}
U-237	8×10^{12}
U-238	4×10^{09}
U-239	3×10^{14}
U-240	8×10^{12}
Vanadium	
V-47	9×10^{13}
V-48	3×10^{12}
V-49	3×10^{14}
Xenon	
Xe-120	3×10^{14}
Xe-121	7×10^{13}
Xe-122	2×10^{15}
Xe-123	2×10^{14}
Xe-125	4×10^{14}
Xe-127	4×10^{14}
Xe-129m	4×10^{15}
Xe-131m	1×10^{16}
Xe-133	3×10^{15}
Xe-133m	3×10^{15}
Xe-135	4×10^{14}
Xe-135m	4×10^{14}
Xe-138	1×10^{14}

Ytterbium	
Yb-162	3×10^{14}
Yb-166	1×10^{13}
Yb-167	6×10^{14}
Yb-169	6×10^{12}
Yb-175	2×10^{13}
Yb-177	8×10^{13}
Yb-178	7×10^{13}
Yttrium	
Y-86	9×10^{12}
Y-86m	2×10^{14}
Y-87	2×10^{13}
Y-88	2×10^{12}
Y-90	3×10^{12}
Y-90m	4×10^{13}
Y-91	2×10^{12}
Y-91m	3×10^{14}
Y-92	2×10^{13}
Y-93	7×10^{12}
Y-94	9×10^{13}
Y-95	1×10^{14}
Zinc	
Zn-62	9×10^{12}
Zn-63	7×10^{13}
Zn-65	3×10^{12}
Zn-69	2×10^{14}
Zn-69m	2×10^{13}
Zn-71m	3×10^{13}
Zn-72	6×10^{12}
Zirconium	
Zr-86	1×10^{13}

Zr-88	6×10^{12}
Zr-89	1×10^{13}
Zr-93	1×10^{12}
Zr-95	3×10^{12}
Zr-97	4×10^{12}

PART 2

Quantity ratios for more than one radionuclide

Commencement Information
I2 Sch. 1 Pt. 2 in force at 22.5.2019, see **reg. 1(1)**

For the purpose of regulation 3(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 1 of this Schedule Q_{lim}, namely—

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

SCHEDULE 2

Regulation 3(1)

Commencement Information
I3 Sch. 2 in force at 22.5.2019, see **reg. 1(1)**

For the purpose of regulation 3(1), the specified mass of a fissile material set out below is—

(a) plutonium as Pu-239 or Pu-241 or as a mixture of plutonium isotopes containing Pu-239 or Pu-241 – 150 grams;

(b) uranium as U-233 – 150 grams;

(c) uranium enriched in U-235 to more than 1% but not more than 5% - 500 grams; and

(d) uranium enriched in U-235 to more than 5% - 250 grams.

SCHEDULE 3

Regulation 5(1)

1. The following requirements must be complied with in the assessment of consequences required by regulation 5.

Commencement Information
I4 Sch. 3 para. 1 in force at 22.5.2019, see **reg. 1(1)**

2. The assessment must be based on a suitable and sufficient range of source terms representing a range of potential radiation emergencies which might arise from the work with ionising radiation.

Commencement Information
I5 Sch. 3 para. 2 in force at 22.5.2019, see **reg. 1(1)**

3. The calculations undertaken in support of the assessment must consider a range of weather conditions (if weather conditions are capable of affecting the extent of the impact of the radiation emergency) to account for—

(a) the likely consequences arising from such conditions; and

(b) consequences which are less likely, but with greater impact.

Commencement Information
I6 Sch. 3 para. 3 in force at 22.5.2019, see **reg. 1(1)**

4. The assessment must consider the consequences of the potential radiation emergencies identified in regulation 4 on the population within the geographical extent of the potential radiation emergency, accounting. for different characteristics, including, for example age and other characteristics which would render specific members of the public especially vulnerable.

Commencement Information
I7 Sch. 3 para. 4 in force at 22.5.2019, see **reg. 1(1)**

5. The assessment must consider what would be an effective and, where relevant, equivalent dose to the thyroid in the context of each potential radiation emergency identified.

Commencement Information
I8 Sch. 3 para. 5 in force at 22.5.2019, see **reg. 1(1)**

6. The assessment must include all relevant pathways by which members of the public could be exposed to radiation in the context of each potential radiation emergency identified.

Commencement Information
I9 Sch. 3 para. 6 in force at 22.5.2019, see **reg. 1(1)**

7. The assessment must identify any protective action that may need to be taken for the range of potential radiation emergencies.

Commencement Information

I10 Sch. 3 para. 7 in force at 22.5.2019, see **reg. 1(1)**

8. The assessment must assess the consequences of suitable and sufficient source terms by distance and by exposure pathway, and the distances to which protective action would be required based on the United Kingdom's Emergency Reference Levels, published by **[**F1the UK Health Security Agency**]**M1.

Textual Amendments

F1 Words in Sch. 3 para. 8 substituted (1.11.2021) by The Radiation Emergency and Consultation Regulations 2021 (S.I. 2021/1110), regs. 1(1), **2(3)**

Commencement Information

I11 Sch. 3 para. 8 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M1 Available at https://www.gov.uk/government/publications/radiation-emergency-reference-levels or in hard copy from the Department for Business, Energy and Industrial Strategy, 1 Victoria Street, London, SW1H 0ET. The functions of the National Radiological Protection Board were transferred to the Health Protection Agency by section 3 of the Health Protection Act 2004 (c. 17). The Health Protection Agency was abolished by section 56 of the Health and Social Care Act 2012 (c. 7) and its functions are now exercised by Public Health England.

[F2**8A.** If the United Kingdom's Emergency Reference Levels have not been published by the UK Health Security Agency, the assessment referred to in paragraph 8 must instead be based on the United Kingdom's Emergency Reference Levels published by Public Health England**]**

Textual Amendments

F2 Sch. 3 para. 8A inserted (1.11.2021) by The Radiation Emergency and Consultation Regulations 2021 (S.I. 2021/1110), regs. 1(1), **2(4)**

9. In this Schedule "source term" means the radioactivity which could give rise to direct external exposures from the premises or which could be released to the environment in a radiation emergency and, for releases, includes—

(a) the amount of each radionuclide released;

(b) the time distribution of the release;

(c) the energy associated with atmospheric release; and

(d) the likely chemical and physical form of the radionuclides in the release.

Commencement Information

I12 Sch. 3 para. 9 in force at 22.5.2019, see **reg. 1(1)**

SCHEDULE 4 Regulation 7(3)

Particulars to be included in a consequences report

PART 1

Factual Information

1. The following factual information must be provided in the operator's consequences report—

(a) the name and address of the operator;

(b) the postal address of the premises where the radioactive substance will be processed, manufactured, used or stored, or where the facilities for processing, manufacture, use or storage exist;

(c) the date on which it is anticipated that the work with ionising radiation will commence or, if it has already commenced, a statement to that effect.

Commencement Information
I13 Sch. 4 para. 1 in force at 22.5.2019, see **reg. 1(1)**

PART 2

Recommendations

2. The operator must include the following recommendations in the consequences report—

(a) the proposed minimum geographical extent from the premises to be covered by the local authority's off-site emergency plan; and

(b) the minimum distances to which urgent protective action may need to be taken, marking against each distance the timescale for implementation of the relevant action.

Commencement Information
I14 Sch. 4 para. 2 in force at 22.5.2019, see **reg. 1(1)**

3. In relation to a minimum geographical extent recommended under paragraph 2, the operator must also include within the consequences report—

(a) the recommended urgent protective actions to be taken within that zone, if any, together with timescales for the implementation of those actions; and

(b) details of the environmental pathways at risk in order to support the determination of food and water restrictions in the event of a radiation emergency.

Commencement Information
I15 Sch. 4 para. 3 in force at 22.5.2019, see **reg. 1(1)**

PART 3

Rationale

4. The operator must set out the rationale supporting each recommendation made in the consequences report.

Commencement Information
I16 Sch. 4 para. 4 in force at 22.5.2019, see **reg. 1(1)**

5. In particular, the operator must set out—

(a) the rationale for its recommendation on the minimum distances for which urgent protective action may need to be taken; and

(b) where the operator and local authority have agreed that no off-site planning is required, and therefore no emergency planning is recommended, the rationale for that agreement.

Commencement Information
I17 Sch. 4 para. 5 in force at 22.5.2019, see **reg. 1(1)**

SCHEDULE 5

Regulation 9(1)(a)

1. The following table applies for the purpose of setting the outline planning zone under regulation 9(1)(a).

Category	*Nature of site*	*Outline planning zone*
1	Sites involved in the processing of High Level Waste or storing in excess of 100 tonnes of Plutonium	50 kilometres
2	Operating nuclear power plants and decommissioning nuclear power plants with a presence of irradiated fuels	30 kilometres
3	Sites with a significant presence of enriched uranium and decommissioning nuclear sites (other than power plants) with a significant presence of irradiated fuels	5 kilometres
4	Decommissioned sites without a significant presence of irradiated fuels	1 kilometre
5	Sites involved in the production of radiopharmaceuticals	No outline planning zone

Commencement Information
I18 Sch. 5 para. 1 in force at 22.5.2019, see **reg. 1(1)**

2. In the Table at paragraph 1 "High Level Waste" means waste which is radioactive enough for the heat released as a result of radioactive decay to increase significantly its temperature and the temperature of its surroundings and includes—

(a) the liquid residue that contains most of the radioactivity from the reprocessing of spent nuclear fuel;

(b) this residue once it has solidified; or

(c) any other waste with similar radiological characteristics.

Commencement Information

I19 Sch. 5 para. 2 in force at 22.5.2019, see **reg. 1(1)**

SCHEDULE 6

Regulations 10(3) and 11(3)

Information to be included in emergency plans

PART 1

Information to be included in an operator's emergency plan

1. The information referred to in regulation 10(3) is as follows—

(a) the arrangements to set emergency procedures in motion;

(b) the arrangements to co-ordinate the on-site mitigatory action;

(c) the name or position of the person with responsibility for liaison with the local authority responsible for preparing the off-site emergency plan;

(d) for conditions or events which could be significant in bringing about a radiation emergency, a description of the action which should be taken to control the conditions or events and to limit their consequences, including a description of the safety equipment and resources available;

(e) the arrangements for limiting the risks to persons on the premises including how warnings are to be given and the protective action persons are expected to take on receipt of a warning;

(f) the arrangements for providing early warning of the incident to the responder or responders identified in the local authority's off-site emergency plan to set the off-site emergency planning in motion, the type of information which should be contained in an initial warning and the arrangements for the provision of more detailed information as it becomes available;

(g) the arrangements for providing assistance to the local authority with its off-site protective action;

(h) the arrangements for providing information about the incident to the Secretary of State and the regulator;

(i) the arrangements for providing information about the incident to the Scottish Government or the Welsh Ministers, if appropriate;

(j) the arrangements for dealing with emergency exposures including the dose levels which have been determined as appropriate for the purposes of putting into effect the emergency plan;

(k) the arrangements to prioritise keeping doses within the reference levels set out in regulation 20(1);

(l) any specific arrangements which take account of lessons learned from past emergency situations, whether at the operator's premises or otherwise;

(m) what protective action is proposed to be taken, and how far each such action extends within any detailed emergency planning zone; and

(n) the arrangements which the operator considers may assist in the transition from a radiation emergency to an existing exposure situation, including who will be involved in such transition, what information they are to receive and when.

Commencement Information

I20 Sch. 6 para. 1 in force at 22.5.2019, see **reg. 1(1)**

PART 2

Information to be included in the off-site emergency plan

CHAPTER 1

Information about detailed emergency planning zones

2. The information referred to in regulation 11(3)(a) is as follows—

(a) the arrangements to set emergency procedures in motion;

(b) the arrangements to co-ordinate the off-site protective action;

(c) the arrangements for receiving early warning of incidents, and alert and call-out procedures;

(d) the arrangements for co-ordinating resources necessary to implement the off-site emergency plan;

(e) the arrangements for providing assistance to the operator with on-site mitigatory action;

(f) the arrangements for off-site protective action;

(g) the arrangements for providing the public with specific information relating to the emergency and the response or responses recommended to the public as a whole or parts of it as a result of the emergency;

(h) the arrangements for dealing with emergency exposures including the dose levels which have been determined as appropriate for the purposes of putting into effect the emergency plan;

(i) the arrangements to prioritise keeping doses within the reference levels set out at regulation 20(1);

(j) any specific arrangements which take account of lessons learned from past emergency situations, whether at the operator's premises or otherwise;

(k) the arrangements for carrying out an assessment of the impacts of the radiation; and

(l) the arrangements which the local authority considers necessary in the transition from a radiation emergency to an existing exposure situation, including who will be involved in such a transition and what information they are to receive.

Commencement Information
I21 Sch. 6 para. 2 in force at 22.5.2019, see **reg. 1(1)**

CHAPTER 2

Information about outline planning zones

3. The information referred to in regulation 11(3)(b) is as follows—

(a) where there is no detailed emergency planning zone, the information set out at paragraph 2; and

(b) in all cases—

(i) at what stage and how the response to a radiation emergency triggers a response within the outline planning zone; and

(ii) whether there are any areas of detailed planning within the outline planning zone and, if so, the detailed planning arrangements in respect of any such area.

Commencement Information
I22 Sch. 6 para. 3 in force at 22.5.2019, see **reg. 1(1)**

4. In paragraph 3(b)(ii), an area of detailed planning within the outline planning zone means an area within which a greater degree of planning is necessary as a result of the existence of particular factors such as schools or hospitals within that area.

Commencement Information
I23 Sch. 6 para. 4 in force at 22.5.2019, see **reg. 1(1)**

CHAPTER 3

Information which an off-site emergency plan must contain

5. In order to comply with regulation 11(3)(c) an off-site emergency plan must—

(a) set out the extent of the detailed emergency planning zone (if any) and the outline planning zone (if any);

(b) in respect of the detailed emergency planning zone, set out—

(i) the severity of the consequences in terms of dose quantity; and

(ii) the extent to which the consequences can be mitigated by timely action;

(c) set out how the off-site emergency plan aims to mitigate the consequences of an emergency, in response to the factors listed at (b); and

(d) set out the process for determining when the site and the surrounding area is no longer in an emergency state.

Commencement Information
I24 Sch. 6 para. 5 in force at 22.5.2019, see **reg. 1(1)**

SCHEDULE 7 Regulations 10(3) and 11(3)

Principles and purposes of emergency plans

PART 1

Principles to which emergency plans must have regard

1. Any person with responsibility for preparing an emergency plan under these Regulations must consider the following principles when preparing that plan—

(a) the necessity for the plan to respond to the particular characteristics of a given radiation emergency as those characteristics emerge;

(b) the necessity to optimise protection strategies to ensure that the proposed response, as a whole, is predicted to do more to mitigate the radiation emergency and facilitate transition from that emergency to an existing exposure situation than to increase its duration or consequences, taking into account—

(i) the health risks arising from exposure to ionising radiation as a result of the radiation emergency, in both the long and the short term;

(ii) the economic consequences of the radiation emergency;

(iii) the effects of the disruption, both on the premises and the area immediately surrounding it, and on the public perception of the effects of the radiation emergency;

(c) the necessity of avoiding, so far as possible, the occurrence of serious physical injury to any person; and

(d) the necessity of ensuring that an appropriate balance is struck between the expected harms and benefits of any particular protective action so as to maximise the benefit of that action.

Commencement Information
I25 Sch. 7 para. 1 in force at 22.5.2019, see **reg. 1(1)**

PART 2

Purposes of emergency plans

2. Any person with responsibility for preparing an emergency plan under these Regulations must ensure that the plan, if implemented, would fulfil the following purposes—

(a) to reduce or stop the effects of the radiation emergency;

(b) to reduce the exposure to individuals and to the environment resulting from the release of ionising radiation;

(c) if necessary, to ensure that provision is made for the medical treatment of those affected by the radiation emergency; and

(d) to prioritise the implementation of the plan in relation to any person exposed to a dose in excess of the reference levels set out in regulation 20.

Commencement Information
I26 Sch. 7 para. 2 in force at 22.5.2019, see **reg. 1(1)**

SCHEDULE 8 Regulation 21(3)

Prior information for members of the public

PART 1

Information in relation to detailed emergency planning zones

1. Basic facts about ionising radiation and its effects on persons and on the environment.

Commencement Information
I27 Sch. 8 para. 1 in force at 22.5.2019, see **reg. 1(1)**

2. The various types of radiation emergency identified and their consequences for the general public and the environment.

Commencement Information
I28 Sch. 8 para. 2 in force at 22.5.2019, see **reg. 1(1)**

3. Protective action envisaged to alert, protect and assist the general public in the event of a radiation emergency.

Commencement Information
I29 Sch. 8 para. 3 in force at 22.5.2019, see **reg. 1(1)**

4. Appropriate information on protective action to be taken by the general public in the event of a radiation emergency.

Commencement Information
I30 Sch. 8 para. 4 in force at 22.5.2019, see **reg. 1(1)**

5. The authority or authorities responsible for implementing the protective action referred to in paragraphs 3 and 4 above.

Commencement Information
I31 Sch. 8 para. 5 in force at 22.5.2019, see **reg. 1(1)**

6. The extent of the detailed emergency planning zone.

Commencement Information
I32 Sch. 8 para. 6 in force at 22.5.2019, see **reg. 1(1)**

PART 2

Information in relation to outline planning zones

7. Where the information set out at paragraphs 1 to 5 can be obtained.

Commencement Information
I33 Sch. 8 para. 7 in force at 22.5.2019, see **reg. 1(1)**

8. The extent of the outline planning zone.

Commencement Information
I34 Sch. 8 para. 8 in force at 22.5.2019, see **reg. 1(1)**

9. The factors which would cause the plan in respect of the outline planning zone to be triggered, and whether there are any areas of detailed planning within the outline planning zone as defined at paragraph 4 of Part 2 of Schedule 6.

Commencement Information
I35 Sch. 8 para. 9 in force at 22.5.2019, see **reg. 1(1)**

SCHEDULE 9

Regulation 22(4)

Information to be supplied in the event of a radiation emergency

1. Information on the type of emergency which has occurred, and, where possible, its characteristics, for example, its origin, extent and probable development.

Commencement Information
I36 Sch. 9 para. 1 in force at 22.5.2019, see **reg. 1(1)**

2. Advice on protective action which may include, depending on the type of emergency—

(a) any restrictions on the consumption of certain foodstuffs and water supply likely to be contaminated;

(b) any basic rules on hygiene and decontamination;

(c) any recommendation to stay indoors;

(d) the distribution and use of protective substances;

(e) any evacuation arrangements;

(f) special warnings for certain population groups.

Commencement Information
I37 Sch. 9 para. 2 in force at 22.5.2019, see **reg. 1(1)**

3. Details concerning any announcements recommending cooperation with instructions or requests by the regulator.

Commencement Information
I38 Sch. 9 para. 3 in force at 22.5.2019, see **reg. 1(1)**

4. Where an incident which is likely to give rise to a release of radioactivity or ionising radiation has taken place but no release has yet occurred, the information and advice should include the following—

(a) details of the relevant communications channels on which information about the incident will be available;

(b) preparatory advice to establishments with particular collective responsibilities; and

(c) recommendations to occupational groups particularly affected.

Commencement Information
I39 Sch. 9 para. 4 in force at 22.5.2019, see **reg. 1(1)**

5. If time permits, information setting out the basic facts about radioactivity and its effects on persons and on the environment.

Commencement Information
I40 Sch. 9 para. 5 in force at 22.5.2019, see **reg. 1(1)**

6. In paragraph 4(b), "establishments with particular collective responsibilities" means hospitals, care homes, schools or similar establishments.

Commencement Information
I41 Sch. 9 para. 6 in force at 22.5.2019, see **reg. 1(1)**

SCHEDULE 10

Regulation 29

Consequential amendments

Road Vehicles (Construction and Use) Regulations 1986

1. Regulation 37 of the Road Vehicles (Construction and Use) Regulations 1986 [M2] is amended as follows—

(a) in paragraph (5)(k) omit "radiation accident or" in both place it occurs; and

(b) in paragraph (9A) for the definition of "radiation accident" and "radiation emergency" substitute—

""radiation emergency" has the same meaning as in the Radiation (Emergency Preparedness and Public Information) Regulations 2019.".

Commencement Information

I42 Sch. 10 para. 1 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M2 S.I. 1986/1078. Paragraph (5)(k) and (9A) were substituted by S.I. 2011/935. There are other amendments, but none are relevant to this instrument.

Road Vehicles Lighting Regulations 1989

2. Regulation 3 of the Road Vehicles Lighting Regulations 1989 [M3] is amended as follows—

(a) in the definition of "emergency vehicle" omit "radiation accident or" in both places it occurs; and

(b) in the definition of "radiation accident" and "radiation emergency"—

(i) omit "radiation accident and"; and

(ii) for "2001" substitute " 2019 ".

Commencement Information

I43 Sch. 10 para. 2 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M3 S.I. 1989/1796. Regulation 3 was amended by S.I. 2005/2559. There are other amendments, but none are relevant to this instrument.

Health and Safety (Enforcing Authority) Regulations 1998

3. In regulation 4A(2)(aa) of the Health and Safety (Enforcing Authority) Regulations 1998 [M4] for "Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " Radiation (Emergency Preparedness and Public Information) Regulations 2019 ".

Commencement Information

I44 Sch. 10 para. 3 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M4 S.I. 1998/494. Regulation 4A was inserted by S.I. 2014/469 and amended by S.I. 2017/1075.

Civil Contingencies Act 2004 (Contingency Planning) (Scotland) Regulations 2005

4. In regulation 9(c) of the Civil Contingencies Act 2004 (Contingency Planning) (Scotland) Regulations 2005 [M5] for "Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " Radiation (Emergency Preparedness and Public Information) Regulations 2019 ".

Commencement Information

I45 Sch. 10 para. 4 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M5 S.S.I. 2005/494. Regulation 9 has been amended, but that amendment is not relevant to this instrument.

Civil Contingencies Act 2004 (Contingency Planning) Regulations 2005

5. In regulation 12(e) of the Civil Contingencies Act 2004 (Contingency Planning) Regulations 2005 [M6] for "Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " Radiation (Emergency Preparedness and Public Information) Regulations 2019 ".

Commencement Information

I46 Sch. 10 para. 5 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M6 S.I. 2005/2042. Regulation 12 has been amended, but that amendment is not relevant to this instrument.

Radioactive Contaminated Land (Modification of Enactments) (England) Regulations 2006

6. In regulation 17(3) of the Radioactive Contaminated Land (Modification of Enactments) (England) Regulations 2006 [M7] in the inserted paragraph (4C) for "paragraph (2) of regulation 13 (implementation of emergency plans) of the Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " paragraph (3) of regulation 17 (implementation of emergency plans) of the Radiation (Emergency Preparedness and Public Information) Regulations 2019 ".

Commencement Information

I47 Sch. 10 para. 6 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M7 S.I. 2006/1379. Regulation 17 was substituted by S.I. 2008/520. Other amendments have been made but none are relevant to this instrument.

Radioactive Contaminated Land (Modification of Enactments) (Wales) Regulations 2006

7. In regulation 17(3) of the Radioactive Contaminated Land (Modification of Enactments) (Wales) Regulations 2006 [M8] in the inserted paragraph (4C) for "paragraph (2) of regulation 13 (implementation of emergency plans) of the Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " paragraph (3) of regulation 17 (implementation of emergency plans) of the Radiation (Emergency Preparedness and Public Information) Regulations 2019 ".

Commencement Information

I48 Sch. 10 para. 7 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M8 S.I. 2006/2988 (W. 277). Regulation 17 was substituted by S.I. 2008/521. Other amendments have been made but none are relevant to this instrument.

Radioactive Contaminated Land (Scotland) Regulations 2007

8. In regulation 15 of the Radioactive Contaminated Land (Scotland) Regulations 2007 [M9] in the inserted subsection 7(a) for "regulation 12(2) of the Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " regulation 17(3) of the Radiation (Emergency Preparedness and Public Information) Regulations 2019 ".

Commencement Information

I49 Sch. 10 para. 8 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M9 S.S.I. 2007/179. Regulation 15 was substituted by S.I. 2007/3240. Other amendments have been made but none are relevant to this instrument.

Local Government (Structural Changes) (Transitional Arrangements) (No. 2) Regulations 2008

9.—(1) Regulation 11 of the Local Government (Structural Changes) (Transitional Arrangements) (No. 2) Regulations 2008 [M10] is amended as follows.

(2) In paragraph (2)(c) for "regulation 9 of the Radiation (Emergency Preparedness and Public Information) Regulations ("the 2001 Regulations") substitute " regulation 11 of the Radiation (Emergency Preparedness and Public Information) Regulations 2019 ("the 2019 Regulations") ".

(3) In paragraph 4—

(a) in sub-paragraph (a) for "2001" substitute " 2019 ";

(b) in sub-paragraph (b) from "an assessment" to the end, substitute " an evaluation or an assessment made by the operator under regulation 4 or 6 of the 2019 Regulations which does not reveal the potential for the occurrence of a radiation emergency ".

(4) In paragraph 5 for "2001" substitute " 2019 ".

Commencement Information

I50 Sch. 10 para. 9 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M10 S.I. 2008/2867. Amendments have been made but none are relevant to this instrument.

Human Medicines Regulations 2012

10.—(1) The Human Medicines Regulations 2012 [M11] are amended as follows.

(2) In regulation 8(1) in the definition of radiation emergency for "Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " Radiation (Emergency Preparedness and Public Information) Regulations 2019 ".

(3) In the entry numbered 19 in the first column of the table in Part 5 of Schedule 17 for "Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " Radiation (Emergency Preparedness and Public Information) Regulations 2019 ".

Commencement Information

I51 Sch. 10 para. 10 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M11 S.I. 2012/1916, which was amended by S.I. 2018/64 and S.I. 2018/199.

Infrastructure Planning (Interested Parties and Miscellaneous Prescribed Provisions) Regulations 2015

11. The table in Part 2 of Schedule 2 to the Infrastructure Planning (Interested Parties and Miscellaneous Prescribed Provisions) Regulations 2015 [M12] is amended as follows—

(a) in column 1 for "Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " Radiation (Emergency Preparedness and Public Information) Regulations 2019 "; and

(b) for column 2 of the entry for "Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute—

"Any evaluation required under regulation 4 (hazard evaluation)

Any assessment required under regulation 5 (consequence assessment)

Any assessment required under regulation 6 (review of hazard evaluation and consequence assessment)".

Commencement Information

I52 Sch. 10 para. 11 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M12 S.I. 2015/462. Amendments have been made but none are relevant to this instrument.

Health and Safety and Nuclear (Fees) Regulations 2016

12.—(1) The Health and Safety and Nuclear (Fees) Regulations 2016 [M13] are amended as follows.

(2) In regulation 8—

(a) in the heading for "Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " Radiation (Emergency Preparedness and Public Information) Regulations 2019 ";

(b) in paragraph 4 for "2001" in each place it occurs substitute " 2019 ";

(c) in paragraph 11 for the definition of "the 2001 Regulations" substitute—

""the 2019 Regulations" means the Radiation (Emergency Preparedness and Public Information) Regulations 2019".

(3) In Schedule 6—

(a) in the heading for "Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " Radiation (Emergency Preparedness and Public Information) Regulations 2019 "; and

(b) in the first column of table 2 for "regulation 14 of the 2001 Regulations" in both places it occurs substitute " regulation 18 of the 2019 Regulations ".

Commencement Information

I53 Sch. 10 para. 12 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M13 S.I. 2016/253. Regulation 8 was amended by S.I. 2017/1075. Other amendments have been made but none are relevant to this instrument.

Ionising Radiations Regulations 2017

13. In regulation 36(1) of the Ionising Radiations Regulations 2017 [M14] for "Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " Radiation (Emergency Preparedness and Public Information) Regulations 2019 ".

Commencement Information

I54 Sch. 10 para. 13 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M14 S.I. 2017/1075. Amendments have been made but none are relevant to this instrument.

Ionising Radiation (Basic Safety Standards) (Miscellaneous Provisions) Regulations 2018

14. In regulation 4(2)(a) of the Ionising Radiation (Basic Safety Standards) (Miscellaneous Provisions) Regulations 2018 [M15] for "paragraph (2) of regulation 13 (implementation of emergency plans) of the Radiation (Emergency Preparedness and Public Information) Regulations 2001" substitute " paragraph (3) of regulation 17 of the Radiation (Emergency Preparedness and Public Information) Regulations 2019 ".

Commencement Information

I55 Sch. 10 para. 14 in force at 22.5.2019, see **reg. 1(1)**

Marginal Citations

M15 S.I. 2018/482. Amendments have been made but none are relevant to this instrument.

Status:
Point in time view as at 01/11/2021.

Changes to legislation:
There are currently no known outstanding effects for the The Radiation (Emergency Preparedness and Public Information) Regulations 2019.