

GENERIC PROCEDURES FOR
ASSESSMENT AND RESPONSE
DURING A RADIOLOGICAL EMERGENCY

IAEA-TECDOC-1162

CORRIGENDUM

1. Page 99, Table E3. In the row “Cs-134” and column “50 Year”, the number “5.1E-03” should read “5.1E-02”.

Radionuclide	Conversion factor CF ₃ ^a Ambient dose rate from deposition [(mSv/h)/(kBq/m ²)]	Conversion factor CF ₄ ^b Effective dose from deposition [(mSv/kBq/m ²)]		
		1st Month	2nd Month	50 Year
Ag-110m	9.4E-06	4.5E-03	3.9E-03	3.9E-02
Cd-109+Ag-109m	1.1E-07	6.4E-05	5.8E-05	8.6E-04
Cd-113m	9.3E-10	1.1E-04	1.1E-04	9.2E-03
In-114m	3.2E-07	4.5E-04	3.5E-04	2.2E-03
Sn-113+In-113m	9.9E-07	2.2E-05	1.7E-05	1.2E-04
Sn-123	3.0E-08	3.2E-03	3.2E-03	7.0E-01
Sn-126+Sb-126m	5.3E-06	2.6E-03	1.7E-03	7.8E-03
Sb-124	6.0E-06	2.4E-03	4.2E-04	2.9E-03
Sb-126	9.8E-06	NC	NC	NC
Sb-126m	5.4E-06	2.3E-04	1.1E-06	2.3E-04
Sb-127	2.4E-06	2.3E-05	4.9E-08	2.3E-05
Sb-129	4.9E-06	3.7E-06	3.6E-08	3.7E-06
Te-127	1.8E-08	1.8E-07	0.0E+00	1.8E-07
Te-127m	4.0E-08	3.4E-05	2.7E-05	1.6E-04
Te-129	2.1E-07	2.5E-07	9.7E-16	2.5E-07
Te-129m	1.3E-07	1.1E-04	5.4E-05	2.2E-04
Te-131	1.5E-06	1.2E-06	3.8E-08	1.2E-06
Te-131m	4.8E-06	2.0E-04	3.3E-06	2.0E-04
Te-132	8.0E-07	6.9E-04	1.1E-06	6.9E-04
I-125	1.5E-07	7.8E-05	5.2E-05	2.4E-04
I-129	9.1E-08	1.7E-04	1.6E-04	3.4E-02
I-131	1.3E-06	2.5E-04	1.8E-05	2.7E-04
I-132	7.8E-06	1.9E-05	0.0E+00	1.9E-05
I-133	2.1E-06	4.5E-05	0.0E+00	4.5E-05
I-134	8.9E-06	8.1E-06	0.0E+00	8.1E-06
I-135+Xe-135m	5.4E-06	3.7E-05	0.0E+00	3.7E-05
Xe-131m	7.3E-08	NC	NC	NC
Xe-133	1.6E-07	NC	NC	NC
Xe-133m	1.4E-07	NC	NC	NC
Xe-135	8.5E-07	NC	NC	NC
Xe-135m	1.5E-06	NC	NC	NC
Xe-138	3.6E-06	NC	NC	NC
Cs-134	5.4E-06	2.7E-03	2.5E-03	5.1E-02
Cs-135	1.2E-10	7.0E-07	3.9E-07	8.5E-06
Cs-136	7.4E-06	1.9E-03	3.6E-04	2.3E-03
Cs-137+Ba-137m	2.1E-06	9.9E-04	9.4E-04	1.3E-01
Cs-138	7.7E-06	NC	NC	NC
Ba-133	1.4E-06	7.0E-04	6.6E-04	4.8E-02
Ba-137m	2.1E-06	NC	NC	NC
Ba-140	6.4E-07	2.0E-03	4.4E-03	2.5E-03
La-140	7.6E-06	3.2E-04	1.2E-09	3.2E-04
Ce-141	2.6E-07	9.9E-05	4.9E-05	2.0E-04
Ce-144+Pr-144	2.0E-07	1.5E-04	1.3E-04	1.4E-03
Pr-144	1.3E-07	4.0E-08	0.0E+00	4.0E-08
Pr-144m	4.6E-08	2.2E-08	0.0E+00	2.2E-08
Pm-145	1.2E-07	6.0E-05	5.7E-05	5.8E-03
Pm-147	1.2E-10	4.4E-06	4.1E-06	1.0E-04
Sm-147	0.0E+00	NC	NC	NC
Sm-151	1.8E-11	3.5E-06	3.3E-06	5.9E-04
Eu-152	3.9E-06	2.0E-03	1.9E-03	1.6E-01
Eu-154	4.2E-06	2.1E-03	2.0E-03	1.3E-01
Eu-155	2.1E-07	1.1E-04	1.0E-04	4.2E-03
Gd-153	3.7E-07	1.8E-04	1.6E-04	1.5E-03
Tb-160	3.8E-06	1.7E-03	1.2E-03	5.8E-03