

**Tabell B.12 Utsläpp till luft angivet i becquerel (Bq) för Forsmark 2004.**  
ssi-rapp-2005-19.pdf, sida 55 \*

Isotop, summa block 1-3	år	dag	timma	minut	sekund	halveringstid	sönderfall
1 H-3	518,000,000,000	1,419,178,082	59,132,420	985,540	16,426	12.3 år	beta
2 C-14	2,224,000,000,000	6,093,150,685	253,881,279	4,231,355	70,523	5730 år	beta
3 Cr-51	17,900,000	49,041	2,043	34	1	27.7 dagar	gamma/xray
4 Mn-54	3,977,000	10,896	454	8	0	312.3 dagar	beta -
5 Co-58	25,607,000	70,156	2,923	49	1	70.86 dagar	Electron Capture
6 Co-60	34,400,000	94,247	3,927	65	1	5.2714 år	beta -
7 Mo-99	5,706,000	15,633	651	11	0	65.94 timmar	beta -
8 Sb-122	5,880,000	16,110	671	11	0	2.7238 dagar	beta -
9 Sb-124	553,000	1,515	63	1	0	60.20 dagar	beta -
10 Am-243	51,110	140	6	0	0	7373 år	alfa
<b>Ädelgaser</b>							
11 Ar-41	757,000,000	2,073,973	86,416	1,440	24	109.34 minuter	beta -
12 Kr-85m	4,770,000,000	13,068,493	544,521	9,075	151	4.480 timmar	beta -
13 Kr-87	828,000,000	2,268,493	94,521	1,575	26	76.3 minuter	beta -
14 Xe-131m	103,500,000,000	283,561,644	11,815,068	196,918	3,282	11.84 dagar	Isomeric Transition
15 Xe-133	2,802,700,000,000	7,678,630,137	319,942,922	5,332,382	88,873	5.243 dagar	beta -
16 Xe-133m	10,600,000,000	29,041,096	1,210,046	20,167	336	2.19 dagar	Isomeric Transition
17 Xe-135	1,083,029,000,000	2,967,202,740	123,633,447	2,060,557	34,343	9.14 timmar	beta -
18 Xe-135m	600,179,000,000	1,644,326,027	68,513,584	1,141,893	19,032	15.29 minuter	beta -
19 Xe-137	5,010,222,000,000	13,726,635,616	571,943,151	9,532,386	158,873	3.95 minuter	gamma/beta
<b>Jod</b>							
20 I-131	20,890,000	57,233	2,385	40	1	8.01 dagar	beta -
21 I-133	112,320,000	307,726	12,822	214	4	20.8 timmar	beta -
summa	12,358,812,284,110	33,859,759,682	1,410,823,320	23,513,722	391,895		

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<http://www.stralsakerhetsmyndigheten.se/Publikationer/Rapport/Avfall-transport-fysiskt-skydd2/2005/200519--Utslapps--och-omgivningskontroll-vid-de-karntekniska-anlaggningarna-2002-2004/>