

Appendix A: Koeberg Liquid and Gaseous Effluents
January 2001 to December 2001

Liquid Effluents:

Nuclide	AADQ *	Activity (Bq)	% AADQ *
Ag-110m	2.24E+10	1.80E+09	8.03E+00
Be-7	6.81E+10	1.61E+07	2.37E-02
Co-57	3.31E+08	1.56E+08	4.72E+01
Co-58	1.84E+11	5.32E+10	2.89E+01
Co-60	1.23E+11	7.92E+09	6.44E+00
Cr-51	1.29E+11	1.13E+09	8.76E-01
Cs-134	3.60E+12	2.67E+09	7.42E-02
Cs-137	1.19E+13	1.26E+10	1.06E-01
Fe-59	6.48E+09	4.54E+07	7.00E-01
H-3	2.00E+14	1.32E+13	6.60E+00
I-131	7.71E+12	4.13E+07	5.36E-04
I-132	4.05E+11	4.59E+05	1.13E-04
I-133	3.91E+11	1.06E+06	2.71E-04
Mn-54	2.24E+10	5.65E+08	2.52E+00
Mn-56	8.50E+07	3.83E+05	4.51E-01
Na-24	2.78E+09	5.66E+06	2.04E-01
Nb-95	3.62E+09	1.07E+08	2.96E+00
Sb-122	6.60E+09	1.40E+07	2.11E-01
Sb-124	8.69E+09	4.68E+08	5.39E+00
Sb-125	8.79E+08	3.08E+08	3.50E+01
Sr-90	5.86E+08	3.14E+06	5.36E-01
Tc-99m	8.14E+11	9.40E+05	1.16E-04
Zn-65	8.77E+09	1.29E+07	1.47E-01
Zr-95	4.35E+09	4.96E+07	1.14E+00
Zr-97	1.70E+08	6.69E+05	3.94E-01

* AADQ: Annual Authorised Discharge Quantity
(Determined by NNR)

Appendix A contd.

Gaseous Effluents:

Nuclide	AADQ *	Activity (Bq)	% AADQ *
Ar-41	1.00E+14	1.95E+11	1.95E-01
Co-60	2.00E+07	1.77E+05	8.84E-01
Cs-137	2.00E+10	4.49E+04	2.25E-04
H-3	4.00E+13	1.42E+13	3.55E+01
I-131	2.80E+10	1.03E+09	3.68E+00
I-132	9.24E+09	1.69E+09	1.82E+01
I-133	3.79E+10	1.10E+09	2.91E+00
I-134	2.42E+09	1.52E+09	6.28E+01
I-135	1.67E+10	1.81E+09	1.09E+01
Kr-85	1.06E+14	5.18E+12	4.89E+00
Kr-85m	4.08E+13	2.08E+10	5.10E-02
Kr-87	2.19E+13	2.47E+10	1.13E-01
Kr-88	6.92E+13	1.97E+10	2.85E-02
Tc-99m	2.00E+10	1.33E+08	6.63E-01
Xe-131m	5.70E+13	6.33E+09	1.11E-02
Xe-133	5.50E+15	1.17E+12	2.13E-02
Xe-133m	7.15E+13	6.89E+09	9.64E-03
Xe-135	8.08E+13	1.12E+11	1.39E-01
Xe-135m	8.08E+13	3.31E+10	4.09E-02
Xe-138	9.24E+12	1.20E+11	1.30E+00

* AADQ: Annual Authorised Discharge Quantity
(Determined by NNR)