

【Definite Report】 Result of Nuclide Analysis of Sub-drains, Fukushima Daiichi NPS

Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	2011/4/25 10:05	2011/4/25 10:10	2011/4/25 9:55	2011/4/25 11:21	2011/4/25 10:20	2011/4/25 10:24	2011/4/25 8:51
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm ³)						
Nb-95 (about 35 days)	1.2E-01	Not Detectable	4.4E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	8.8E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	4.9E-01	Not Detectable	3.3E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	3.1E+01	Not Detectable	2.4E+00	Not Detectable	Not Detectable	Not Detectable	Not Detectable
I-131 (about 8 days)	1.3E+02	6.1E+02	2.0E+01	9.3E-02	1.3E-01	3.8E-01	Not Detectable
Cs-134 (about 2 years)	5.5E+01	3.3E+01	3.9E+00	1.2E-01	2.5E-01	3.3E-01	Not Detectable
Cs-136 (about 13 days)	1.1E+00	6.7E-01	8.5E-02	Not Detectable	Not Detectable	9.2E-03	Not Detectable
Cs-137 (about 30 years)	6.4E+01	3.7E+01	4.2E+00	1.3E-01	3.1E-01	3.9E-01	Not Detectable
Ba-140 (about 13 days)	8.1E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	5.0E-01	Not Detectable	2.2E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ 〇.〇E-〇 means 〇.〇×10^{-〇}.

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Time and Date of Sample Collection	2011/4/27 10:20	2011/4/27 10:10	2011/4/27 10:00	2011/4/27 11:56	2011/4/27 10:50	2011/4/27 10:40	2011/4/27 8:39
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm ³)						
Nb-95 (about 35 days)	2.5E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	3.9E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	1.1E+00	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	6.7E+01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
I-131 (about 8 days)	5.5E+01	3.9E+02	2.8E+01	4.9E-02	4.1E-02	3.1E-01	Not Detectable
Cs-134 (about 2 years)	5.3E+01	2.1E+01	2.8E+00	1.2E-01	6.6E-02	2.4E-01	Not Detectable
Cs-136 (about 13 days)	1.0E+00	3.8E-01	5.5E-02	Not Detectable	Not Detectable	7.0E-03	Not Detectable
Cs-137 (about 30 years)	6.2E+01	2.4E+01	3.0E+00	1.3E-01	7.6E-02	2.6E-01	Not Detectable
Ba-140 (about 13 days)	9.8E-01	5.0E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	7.6E-01	1.8E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ 0.0E-0 means 0.0×10⁰.

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Time and Date of Sample Collection	2011/4/29 9:55	2011/4/29 9:50	2011/4/29 9:41	2011/4/29 11:43	2011/4/29 10:10	2011/4/29 10:20	2011/4/29 10:10
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm ³)						
Nb-95 (about 35 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	1.3E+00	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	1.8E+00	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	7.9E+01	Not Detectable	2.2E+00	Not Detectable	Not Detectable	Not Detectable	Not Detectable
I-131 (about 8 days)	8.0E+01	3.1E+02	3.8E+01	3.2E-02	2.0E-02	7.9E-02	Not Detectable
Cs-134 (about 2 years)	6.2E+01	3.4E+01	5.8E+00	1.2E-01	9.8E-03	7.3E-02	Not Detectable
Cs-136 (about 13 days)	1.0E+00	5.3E-01	1.2E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-137 (about 30 years)	7.3E+01	3.8E+01	6.3E+00	1.3E-01	1.4E-02	7.8E-02	Not Detectable
Ba-140 (about 13 days)	6.1E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	5.3E-01	4.4E-01	2.9E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable

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Time and Date of Sample Collection	2011/5/2 10:30	2011/5/2 10:35	2011/5/2 10:45	2011/5/2 11:23	2011/5/2 9:40	2011/5/2 9:35	2011/5/2 10:10
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm ³)						
Nb-95 (about 35 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	4.9E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	1.9E+01	Not Detectable	1.1E+00	Not Detectable	Not Detectable	Not Detectable	Not Detectable
I-131 (about 8 days)	3.0E+01	1.9E+02	4.7E+01	1.2E-02	Not Detectable	5.9E-02	Not Detectable
Cs-134 (about 2 years)	3.4E+01	2.0E+01	2.7E+01	1.0E-01	Not Detectable	6.3E-02	Not Detectable
Cs-136 (about 13 days)	5.3E-01	2.7E-01	4.2E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-137 (about 30 years)	4.0E+01	2.4E+01	2.8E+01	1.1E-01	Not Detectable	7.1E-02	Not Detectable
Ba-140 (about 13 days)	Not Detectable	5.5E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	2.8E-01	1.6E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

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Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	2011/5/4 10:53	2011/5/4 10:59	2011/5/4 11:03	2011/5/4 11:14	2011/5/4 10:43	2011/5/4 10:36	2011/5/4 9:20
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm ³)						
Nb-95 (about 35 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	1.8E+00	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
I-131 (about 8 days)	1.5E+01	1.5E+02	1.1E+01	2.2E-02	1.5E-02	6.0E-02	Not Detectable
Cs-134 (about 2 years)	2.1E+01	1.6E+01	1.7E+00	9.0E-02	Not Detectable	6.5E-02	Not Detectable
Cs-136 (about 13 days)	2.4E-01	2.2E-01	2.8E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-137 (about 30 years)	2.4E+01	1.8E+01	1.8E+00	9.2E-02	2.7E-02	6.6E-02	Not Detectable
Ba-140 (about 13 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	6.5E-02	1.3E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ 0.0E-0 means 0.0×10⁰.

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Place of sampling	Sub-drain of Unit1, Fukushima Daiichi	Sub-drain of Unit2, Fukushima Daiichi	Sub-drain of Unit3, Fukushima Daiichi	Sub-drain of Unit4, Fukushima Daiichi	Sub-drain of Unit5, Fukushima Daiichi	Sub-drain of Unit6, Fukushima Daiichi	Deep well, Fukushima Daiichi
Time and Date of Sample Collection	2011/5/6 14:15	2011/5/6 14:25	2011/5/6 14:31	2011/5/6 11:17	2011/5/6 14:03	2011/5/6 13:46	2011/5/6 10:20
Detected Nuclides (Half-life)	Radioactivity Density of Sample (Bq/cm ³)						
Nb-95 (about 35 days)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Sb-125 (about 3 years)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Ag-110m (about 250 days)	1.2E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129 (about 70 minutes)	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Te-129m (about 34 days)	2.6E+00	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
I-131 (about 8 days)	7.1E+00	1.4E+02	5.8E+00	1.6E-02	1.5E-02	4.0E-02	Not Detectable
Cs-134 (about 2 years)	1.4E+01	1.5E+01	9.0E-01	6.2E-02	Not Detectable	4.9E-02	Not Detectable
Cs-136 (about 13 days)	1.7E-01	1.5E-01	1.7E-02	Not Detectable	Not Detectable	Not Detectable	Not Detectable
Cs-137 (about 30 years)	1.7E+01	1.8E+01	9.5E-01	4.9E-02	2.2E-02	6.9E-02	Not Detectable
Ba-140 (about 13 days)	Not Detectable	2.9E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable
La-140 (about 2 days)	5.0E-02	1.5E-01	Not Detectable	Not Detectable	Not Detectable	Not Detectable	Not Detectable

※ 0.0E-0 means 0.0×10⁰.