

Appendix I Details of sampling locations at 11 points outside the 20-km exclusion zone on 27-28 March, 2011.

| Sampling location | Sample name | Sampling date | Depth (cm) | Latitude | Longitude | Remark | Dose* (μSv/h) |
|-------------------|-------------|---------------|------------|---------------|---------------|---------------------------------------|---------------|
| ① | F1-1, F1-2 | 27/03/2011 | 0-30 | 37° 04' 21.0" | 140°52' 54.3" | Shimohirakubo, Taira, Iwaki | 1.9 |
| ② | F2-1, F2-2 | 27/03/2011 | 0-30 | 37°08' 06.9" | 140°50' 59.7" | Kamiogawa, Ogawachou, Iwaki | 1.3 |
| ③ | F3-1, F3-2 | 27/03/2011 | 0-30 | 37°11' 21.9" | 140°50' 57.8" | R399 mountain area, Gumidaira, Iwaki | 1.6 |
| ④ | F4-1, F4-2 | 27/03/2011 | 0-30 | 37°15' 26.5" | 140°50' 31.1" | R399 mountain area, Iwaki | 3.4 |
| ⑤ | F5-1, F5-2 | 27/03/2011 | 0-30 | 37°19' 44.8" | 140°49' 26.5" | Kawauchi Post Office, Kawauchi-mura | 2.5 |
| ⑥ | F6-1, F6-2 | 27/03/2011 | 0-30 | 37°26' 16.2" | 140°35' 36.4" | Seven-Eleven, Funahiki-machi, Tamura | 1.0 |
| ⑦ | F7-1, F7-2 | 27/03/2011 | 0-30 | 37°29' 00.6" | 140°41' 31.9" | Nakayama, Funahiki-machi, Tamura | 3.3 |
| ⑧ | F8-1 | 27/03/2011 | 0-30 | 37°33' 37.6" | 140°44' 45.9" | Tsushima-Nakaoki, Namie-machi | 30 |
| ⑨ | F9-1 | 27/03/2011 | 0-30 | 37°36' 45.5" | 140°44' 55.9" | Nagadoro, Iitate-mura | 36 |
| ⑩ | F10-1 | 27/03/2011 | 0-30 | 37° 40' 42.7" | 140°44' 05.9" | Iitate-Office, Iitate-mura | 14 |
| ⑪ | F11-1 | 28/03/2011 | 0-20 | 37°39' 28.4" | 140°36' 32.9" | Kawamoto-cho mountain area, near road | 3.5 |

*Radiation exposure rate at 1 m above the ground at sampling date.

Appendix II Details of sampling locations at 4 points in Iitate Village on 29 March, 2011.

| Sampling location | Sample name | Sampling date | Depth (cm) | Latitude | Longitude | Remark | Dose* (μSv/h) |
|-------------------|-------------|---------------|------------|---------------|---------------|--|---------------|
| ⑮ | IMA-2(#88) | 29/03/2011 | 0-5 | 37° 44' 08.3" | 140°41' 49.6" | Wild land beside the Yamatsumi shrine | 12 |
| ⑯ | IMA-1(#53) | 29/03/2011 | 0-5 | 37° 40' 46.4" | 140°44' 07.0" | Flowerbed beside the Town Hall building | 11 |
| ⑰ | IMA-3(#165) | 29/03/2011 | 0-5 | 37° 36' 29.3" | 140°45'52.2" | Wild land beside the road in Nagatoro-Magata village | 24 |
| ⑱ | IMA-4(#1) | 29/03/2011 | 0-5 | 37° 40' 43.5" | 140°44' 02.7" | Flowerbed beside the Iitate village office | 9.6 |
| | IMA-5(#2) | | 0-5 | 37° 40' 43.5" | 140°44' 02.7" | | 9.6 |
| | IMA-6(#3) | | 0-5 | 37° 40' 43.5" | 140°44' 02.7" | | 9.6 |
| | IMA-7(#4) | | 0-5 | 37° 40' 43.5" | 140°44' 02.7" | | 9.6 |
| | IMA-8(#5) | | 0-5 | 37° 40' 43.5" | 140°44' 02.7" | | 9.6 |

*Radiation exposure rate at 1 m above the ground at sampling date.

Appendix III Details of sampling locations at 10 points in Okuma Town on 21 April and 25 May, 2011.

| Sampling location | Sample name | Sampling date | Depth (cm) | Latitude | Longitude | Remark | Dose* (μSv/h) |
|-------------------|-------------|---------------|------------|--------------|---------------|---|---------------|
| ③ | OF-3 | 25/05/2011 | 0-18 | 37°24'08.90" | 140°58'13.61" | Children's park in Ono | 23 |
| ④ | OF-4 | 25/05/2011 | 0-18 | 37°24'12.83" | 140°59'04.05" | Children's park in front of office | 50 |
| ⑤ | OF-5 | 25/05/2011 | 0-18 | 37°24'44.16" | 140°59'47.09" | Groud of sports center | 70 |
| ⑥ | OF-6 | 25/05/2011 | 0-22 | 37°25'51.57" | 140°00'20.96" | Dry fied in Chojoyaga-Hara | 14 |
| ⑦ | OF-7 | 25/05/2011 | 0-23 | 37°25'00.27" | 141°00'52.97" | Kitadai(near main gate of FNPP) | 100 |
| ⑧ | OF-8 | 25/05/2011 | 0-20 | 37°24'02.06" | 141°01'49.46" | Dry field in Fusawa-Higashidai | 100 |
| ⑨ | OF-9 | 25/05/2011 | 0-15 | 37°23'40.73" | 141°01'37.30" | A front of one housei in Koirino-Higashidai | 140 |
| ⑩ | OF-10 | 25/05/2011 | 0-23 | 37°23'30.67" | 141°00'44.19" | Ground in Midoriga-Oka | 80 |
| ⑪ | OF-11 | 25/05/2011 | 0-15 | 37°22'36.74" | 141°01'45.46" | Near Suwa shrine | 30 |
| ⑫ | OF-12 | 21/04/2011 | 0-5 | n.m. | n.m. | Road side (1.7 km) near the gate of FNPP | n.m. |

*Radiation exposure rate at 1 m above the ground at sampling date.

n.w.: not measured.