Japan Atomic Energy Agency, Tokai Research and Development Center, Nuclear Fuel Cycle Engineering Laboratories, Reprocessing Facility (3rd quarter of FY 2007)

| Summary   Summ   |              | Measured object      | Sampling                           |                    | Measu                 | rement            |                         | Measured value |                   | *Comparative area | Remarks                           | Usual range of fluctuation (Note 3) | 3) |
|--|--------------|----------------------|------------------------------------|--------------------|-----------------------|-------------------|-------------------------|----------------|-------------------|-------------------|-----------------------------------|-------------------------------------|----|
| An institute of imprises becoming 5   Concept and management 5   Concept    |              | weasured object      |                                    | Frequency          | Object                | Frequency         | Object                  | Min to Max     | Unit              | Min to Max        | Remarks                           | Min to Max                          | ]  |
| Special content of the Company of    |              |                      |                                    |                    | Total ß radioactivity |                   | Total ß radioactivity   | ND             |                   |                   |                                   | ND                                  | 1  |
| March 20 km north 1 point   Docas      |              |                      |                                    | Once/3 months      | 3H                    | Once/3 months     | 3H                      | ND             |                   |                   |                                   | ND                                  |    |
| March of the control is point   Discover   March of the control   Discover   Discover   March of the control   Discover   Discove   |              |                      | politis was illeasured             |                    | Total & radioactivity |                   | Total & radioactivity   |                |                   |                   |                                   | ND                                  | 4  |
| About 20 list moth 1 point   |              |                      | Kuji-Oki and Isozaki-Oki: 2 points | Once/6 months      |                       | Once/6 months     |                         |                | Bq/L              |                   |                                   |                                     |    |
| Secretary   Secr   |              |                      |                                    |                    | <b></b>               |                   |                         |                |                   |                   |                                   |                                     |    |
| Non-discharge cafet 5 points (A material analysis for the 5 points (A material analysis for the 5 points (A material analysis)   Crosslyses   Crosslyses   Pigs.   No.   |              |                      | About 20 km north: 1 point*        | Once/year          | ļ                     | Once/year         | <b></b>                 |                |                   |                   | reported in Zrid quarter.         |                                     |    |
| Near during counted 5 points   Consideration   |              | Seawater             |                                    |                    | TH.                   |                   | <b></b>                 |                |                   |                   |                                   |                                     |    |
| Compared progress for member   post  |              |                      | No. of Colombia (1917)             |                    |                       |                   |                         |                |                   |                   |                                   |                                     |    |
| Part      |              |                      |                                    |                    |                       |                   |                         |                |                   |                   |                                   |                                     |    |
| About 20 km north: 1 point   Search Sports     |              |                      |                                    | Once/year          | Nuclide analysis      | Once/year         | 134Cs                   |                | Bq/L              |                   | Reported in 2nd quarter.          |                                     |    |
| Near discharge codet 5 points   No.   No   |              |                      |                                    | *                  |                       | *                 | 13/Cs                   |                |                   |                   | '                                 |                                     |    |
| New discharge cubes 5 sortes   Social Section of the Community of the Co   |              |                      | About 20 km north: 1 point*        |                    |                       |                   | <sup>144</sup> Ce       |                |                   |                   |                                   |                                     |    |
| A contract of samples from the 5 points was manurary (Kuji-Oki and locasis Oki 2 points was manurary) (Kuji-Oki and locasis Oki 2 points (Kuji basch offshore: 1 point About 10 km beyond: 1 point (Kuji basch offshore: 1 point About 10 km beyond: 1 point (Kuji basch offshore: 1 point About 10 km beyond: 1 point (Kuji basch offshore: 1 point About 10 km beyond: 1 point (Kuji basch offshore: 1 point About 10 km beyond: 1 point (Kuji basch offshore: 1 point About 10 km beyond: 1 point (Kuji basch offshore: 1 point About 10 km beyond: 1 point (Kuji basch offshore: 1 point About 10 km beyond: 1 point About 1 point About 1 point About 1 point About 1 point and south: 1 point and about: 1 point about and a point and about: 1 point About 1 point and about: 1 point about and a point and about: 1 point about and a point and about: 1 point about 2 point About 2 point About 2 point About 1 point and about: 1 point about 2 point About 3 point About 2 point About 2 point About 3 point About 3 point About 1 point About 2 point About 3 point Abo   |              |                      |                                    |                    |                       |                   |                         |                |                   |                   |                                   |                                     |    |
| See bottom sol   |              |                      | Near discharge outlet: 5 points    |                    |                       |                   | <sup>90</sup> Sr        | ND             |                   | 0.091             |                                   | ND to 0.13                          |    |
| See bottom sol   |              |                      |                                    |                    |                       |                   | <sup>106</sup> Ru       | ND             |                   | ND                | ]                                 | ND                                  |    |
| Mode   About 20 km before 1 point   About 10 km beyond: 1 point    |              | Con bottom soil      | points was measured)               | Oncole months      | Nuclido apolucio      | s Once/6 months   | <sup>134</sup> Cs       | ND             | Dalka day         | ND                |                                   | ND                                  |    |
| About 20 km north: 1 point   North     |              | Jea-Dollotti Soii    | Kuii-Oki and Isozaki-Oki: 2 points | Office/o filoritis | rvuciiue arialysis    |                   | <sup>137</sup> Cs       | ND             | Dq/kg ui y        | ND                |                                   | ND to 1.4                           |    |
| About 10 km beyond: 1 point  |              |                      | ,                                  |                    |                       |                   | <sup>144</sup> Ce       | ND             |                   | ND                | 1                                 | ND                                  | Ί  |
| Total village offishore: 1 point   About 10 km beyond: 1 point     |              |                      | About 20 km north: 1 point*        |                    |                       |                   | <sup>239,240</sup> Pu   | 0.19 - 0.65    |                   | 0.73              |                                   | 0.17 - 0.90                         |    |
| White ball   Tokal village offshore: 1 point   About 10 km beyond: 1 point   About 10 km beyon   | ٦            |                      |                                    |                    |                       |                   |                         | ND             |                   | ND                |                                   | ND                                  | ٦  |
| Total village offishore: 1 point   About 10 km beyond: 10 km beyond: 1 point   About 10 km bey   | - [          |                      |                                    | Once/3 months      | Nuclide analysis      | s Once/3 months   |                         |                | Bq/kg raw         |                   | 1                                 |                                     | ٦  |
| White Bell   |              |                      | Tokai village offshore: 1 point    |                    |                       |                   | <sup>134</sup> Cs       | ND             |                   | ND                |                                   | ND                                  |    |
| Flaffish or founder   Flaffish or founder   Flaffish or founder   About 10 km beyond: 1 point    |              | White bait           | Al- 1401 - L L 4                   |                    |                       |                   | <sup>137</sup> Ce       |                |                   |                   |                                   |                                     | -  |
| Flatfish or founder  |              |                      | About 10 km beyond: 1 point        |                    |                       |                   | 144 <sub>Co</sub>       |                |                   |                   |                                   |                                     |    |
| Flatifish or founder   |              |                      |                                    |                    |                       |                   | 239,240 <sub>De</sub> . |                |                   | <b>k</b>          |                                   | <b></b>                             | 4  |
| Flatish or founder   Flatish or founder   Flatish or founder   Flatish or founder   About 10 km beyond: 1 point   About 20 km north and south: 1 point   About 20 k   | ŀ            |                      |                                    |                    |                       |                   |                         |                |                   |                   |                                   |                                     | ┪  |
| Flatish or founder   Flatish or founder   Flatish or founder   Flatish or founder   About 10 km beyond: 1 point   About 20 km north and south: 1 point   About 20 k   |              |                      |                                    | Once/3 months      | Nuclide analysis      | Once/3 months     | 106 <sub>D</sub>        |                | Bq/kg raw         |                   |                                   |                                     | 4  |
| Fatish or flounder   About 10 km beyond: 1 point   About 20 km north and south:   |              |                      | Tokai village offshore: 1 point    |                    |                       |                   |                         |                |                   |                   |                                   |                                     |    |
| Mode      |              | Flatfish or flounder |                                    |                    |                       |                   | 137.0                   |                |                   |                   |                                   |                                     |    |
| No   | =            |                      | About 10 km beyond: 1 point*       |                    |                       |                   | US<br>144 o             |                |                   |                   |                                   |                                     |    |
| Shellfish  | anisi        |                      |                                    |                    |                       |                   | 220 240-                |                |                   |                   |                                   |                                     |    |
| Shellfish  | org.         |                      |                                    |                    |                       |                   |                         |                |                   |                   |                                   |                                     | 4  |
| Shellfish  | auue         |                      |                                    | Once/3 months      |                       | sis Once/3 months |                         |                | Bo/ko raw         |                   | offshore.                         |                                     |    |
| About 10 km beyond: 1 point  | ž            |                      | Kuii heach offebore: 1 point       |                    | Nuclide analysis      |                   | ¹⁰®Ru                   |                |                   |                   |                                   |                                     |    |
| About 10 km beyond: 1 point*    About 10 km beyond: 1 point*   |              | Shellfish            | rtaji bederi orisilore. I porit    |                    |                       |                   | 134Cs                   | _              |                   |                   |                                   |                                     |    |
| Rrown algae (seaweed, brown seaweed, etc.)   Suzaki offshore: 1 point   S   |              | Silonion             | About 10 km beyond: 1 point*       |                    |                       |                   | <sup>137</sup> Cs       | -              | , ,               |                   | Object of about 10km beyond: clam | L                                   |    |
| Brown algae (seawed, brown seaweed, etc.)   Kuji beach offshore: 1 point   Isozaki o   |              |                      |                                    |                    |                       |                   | <sup>144</sup> Ce       | _              |                   | <b>L</b>          |                                   | I                                   |    |
| Rown algae (seaweed, brown seaweed, etc.)   Rown algae (seaweed, etc.)      | L            |                      |                                    |                    |                       |                   |                         | _              |                   | ND                |                                   | ND - 0.0048                         |    |
| Brown algae (seaweed, brown seaweed, etc.)   Sozaki offshore: 1 point   About 10 km beyond: 1 point*   Once/3 months   Nuclide analysis   Once/3 months   Sozaki offshore: 1 point   About 10 km beyond: 1 point*   Once/3 months   Sozaki offshore: 1 point   About 10 km beyond: 1 point*   Once/3 months   About 20 km north and south: 1 point at each*   About 20 km north and south: 1 point About 20 km north and south:    |              |                      | Kuji beach offshore: 1 point       | Once/3 months      | s Nuclide analysis    | Once/3 months     | <sup>90</sup> Sr        | 0.025, 0.026   | Ralka row         | 0.033             |                                   | 0.022 - 0.065                       |    |
| Brown algae (seaweed, brown seaweed, etc.)   Sozaki offshore: 1 point   About 10 km beyond: 1 point*   Once/3 months   Nuclide analysis   Once/3 months   Sozaki offshore: 1 point   About 10 km beyond: 1 point*   Once/3 months   Sozaki offshore: 1 point   About 10 km beyond: 1 point*   Once/3 months   About 20 km north and south: 1 point at each*   About 20 km north and south: 1 point About 20 km north and south:    | J            |                      |                                    |                    |                       |                   | <sup>106</sup> Ru       | ND             |                   | ND                |                                   | ND                                  |    |
| Seaweed, etc.   About 10 km beyond: 1 point*   |              |                      | loozoki offoboro: 1 point          |                    |                       |                   | <sup>134</sup> Cs       | ND             |                   | ND                | Object: Finance                   | ND                                  | 1  |
| About 10 km beyond: 1 point  | - [          |                      | ізодакі опълоге: і роті            |                    |                       | OTICE/S ITIONINS  |                         | 0.049, 0.054   | by/kg raw         | 0.049             | Object. Eiseriid                  | ND - 0.094                          | 1  |
| Fishing net   Fishing net towed at Tokai village offshore   Once/3 months   Absorbed dose   Once/3 months      |              |                      | About 10 km beyond: 1 point*       |                    |                       |                   | <sup>144</sup> Ce       | ND             |                   | ND                |                                   | ND                                  | ٦  |
| Fishing net   Fishing net towed at Tokai village offshore  | J            |                      |                                    |                    |                       |                   | <sup>239,240</sup> Pu   | 0.0035, 0.0036 |                   | 0.0036            |                                   | ND - 0.0089                         | ٦  |
| Fishing net  |              |                      | Fishing net towed at Tokai village |                    | Absorbed dose         | Once/3 months     | ß radiation             | ND             | nGy/h             |                   |                                   | ND                                  | ٦  |
| Hull   |              | rishing net          |                                    | Unce/3 months      |                       |                   |                         |                |                   |                   | 1                                 |                                     | ٦  |
| Hull   |              |                      |                                    |                    |                       | Once/3 months     |                         |                |                   |                   | 1                                 | ND                                  | 1  |
| Coastal water    Kuji beach coast: 1 point   About 20 km north and south: 1 point at each*   Coastal sand   Alignara coast: 1 point   About 20 km north and south: 1 point at each*   Coastal sand   Alignara coast: 1 point   About 20 km north and south: 1 point at each*   Coastal sand   Alignara coast: 1 point   About 20 km north and south: 1 point at each*   Coastal sand   Alignara coast: 1 point   About 20 km north and south: 1 point at each*   Coastal sand   Alignara coast: 1 point   About 20 km north and south: 1 point   Coastal sand   Alignara coast: 1 point   About 20 km north and south: 1 point   Coastal sand   Alignara coast: 1 point   About 20 km north and south: 1 point   Coastal sand   Alignara coast: 1 point   About 20 km north and south: 1 point   Coastal sand   Alignara coast: 1 point   About 20 km north and south: 1 point   Coastal sand   Alignara coast: 1 point   About 20 km north and south: 1 point   Coastal sand   Coastal |              | Hull                 | Deck                               | Once/3 months      |                       | Griddio montrio   |                         |                |                   |                   | 1                                 |                                     | ٦  |
| Kuji beach coast: 1 point   Ajigaura coast: 1 point   Ajigaura coast: 1 point   About 20 km north and south: 1 point at each*   Nuclide analysis   Once/ear   Surface dose   Once/s months     |              |                      |                                    | 1                  |                       | Once/6 months     |                         |                |                   | 0.059, 0.066      |                                   |                                     | ٦  |
| Coastal water   Ajigaura coast: 1 point   Ajigaura coast: 1 point   About 20 km north and south: 1 point at each*   Nuclide analysis   Nuclide analysis   Once/ear   14/Ce   ND   ND   ND   ND   ND   ND   ND   N  |              | Coastal water        |                                    |                    |                       | Oncere months     |                         |                | Bq/L              |                   | 1                                 |                                     | 4  |
| Ajigaura coast: 1 point   About 20 km north and south: 1 point at each"   Nuclide analysis   Nuclide analysis   Nuclide analysis   Once/year     196   |              |                      | Kuji beach coast: 1 point          |                    |                       |                   |                         |                |                   | •                 |                                   |                                     | 4  |
| Coastal water  |              |                      | Allerson and Austra                |                    |                       |                   |                         |                |                   |                   |                                   |                                     |    |
| About 20 km north and south: 1 point at each*  Nuclide analysis  N |              |                      | Ajigaura coast: 1 point            |                    |                       |                   | L                       |                |                   |                   |                                   |                                     |    |
| At each*   |              |                      |                                    |                    |                       | Once/year         |                         |                | Bq/L              |                   |                                   |                                     |    |
| Kuji beach coast: 1 point   Surface dose   Coastal sand   Ajgaura coast: 1 point   About 20 km north and south: 1 point   Coastal sand   Coast   |              |                      |                                    |                    |                       |                   | Cs                      |                |                   |                   |                                   |                                     |    |
| Kuji beach coast: 1 point   Ajigaura coast: 1 point   Ajigaura coast: 1 point   About 20 km north and south: 1 point   Once/3 months   Surface dose   Once/3 months   Y radiation   33.44   nGy/h   35.41   27 - 52  |              |                      |                                    |                    |                       |                   | ""Ce                    |                |                   |                   |                                   |                                     |    |
| Coastal sand Ajigaura coast: 1 point About 20 km north and south: 1 point Once/3 months Surface dose Once/3 months V radiation 33.44 nGy/h 35.41 27 - 52   |              |                      |                                    |                    |                       |                   |                         |                |                   |                   |                                   |                                     | 4  |
| Coastal sand About 20 km north and south: 1 point Uncer's months Variation Surface dose Uncer's months Variation 33.44 nGy/h 35.41 27 - 52   |              |                      |                                    |                    | 1                     |                   | ß radiation             | 62.79          | min <sup>-1</sup> | 64.73             |                                   | 52 - 86                             | ]  |
|  | Coastal sand |                      |                                    | Once/3 months      | Surface dose          | Once/3 months     | v radiatio-             | 22.44          | nCulb             | 25 44             |                                   | 27 52                               | ١  |
|  |              |                      |                                    |                    | 1                     |                   | y radiation             | 33.44          | ney/n             | 35.41             |                                   | 21 - 52                             | ١  |

(Note 1) ND: indicates below the determination limit.

(Note 2) \*: indicates the comparative area.

(Note 3) The usual range of fluctuation is that in the past 10 years from FY 1997 to FY 2006.

(Note 4) The usual range of fluctuation is that in the past 3 years from FY 2004 to FY 2006.

Japan Atomic Energy Agency, Tokai Research and Development Center, Nuclear Fuel Cycle Engineering Laboratories, Reprocessing Facility (3rd quarter of FY 2007)

| Sampling point   Frequency   Object   Frequency   Object   Frequency   Object   Frequency   Object   Min to Max   Unit   Min to Max     | Measured object |                         | Sampling  | Measurement   |                       | Measured value |                                      |                  |               | *Comparative area  |               | Usual range of fluctuation (Note 3) |                     |
|--|-----------------|-------------------------|---|---------------|-----------------------|----------------|--------------------------------------|------------------|---------------|--------------------|---------------|-------------------------------------|---------------------|
| Described outside environmental monitoring area: 3 points of the properties of the p |                 |                         | Sampling point                                      | Frequency     | Object                | Frequency      | cy Object                            |                  | Min to Max    | Unit               | Min to Max    | Remarks                             | Min to Max (Note 4) |
| Section   Process   Pro    |                 |                         | area: 9 points Outside environmental monitoring     |               | y radiation           | Continuously   | ation                                |                  | 36 - 47       | n Gv/h             |               | Eight monitoring posts              | 33 - 46<br>(42±9)   |
| Critinously variables of Continuously area. 2 prints of Continuously area. 3 prints of Continuously area. 3 prints of Continuously area. 4 print | liation         |                         |   | Continuously  | y radiation           |                | угас                                 |                  | 32 - 37       | noyiii             | 33            | Four monitoring stations            | 31 - 37<br>(33±5)   |
| Inside environmental monitoring area. 3 points    Total & radioactivity   Continuously area. 2 points   Total & radioactivity   Total & radioactivity  | Air rac         |                         | area: 15 points Outside environmental monitoring    | Continuously  | γ radiation           | Once/3 months  | γ                                    | radiation        | 50 - 110      | μGy/91 days        | 50 - 100      |                                     | 40 - 120<br>(80±40) |
| Air-borne dust of the environmental monitoring cree: 3 points of continuously area. 1 point of continuously concentration of the environmental monitoring area. 1 point of continuously of the environmental monitoring area. 1 point of continuously of the environmental monitoring area. 1 point of continuously of the environmental monitoring area. 1 point of continuously of the environmental monitoring area. 1 point of continuously of the environmental monitoring area. 1 point of continuously of the environmental monitoring area. 2 points of the environmental monitoring area. 3 points   |                 |                         |   |               | Total a radioactivity | Onoolwook      | Total ß radioactivity  90 Sr  137 Cs |                  | 0.027 - 0.046 |                    | 0.030 - 0.039 |                                     | ND - 0.088          |
| Air-borne dust   |                 |                         |   |               | Total ß radioactivity | Olice/week     |                                      |                  | ND - 0.74     |                    | ND            |                                     | ND - 0.93           |
| A see also points   Nuclide analysis   Once  3 months   3 month    |                 | Air-borne dust          | '   | Continuously  |                       | Once/3 months  |                                      |                  | ND            | mBq/m <sup>3</sup> | ND            |                                     | ND                  |
| Inside environmental monitoring area: 1 point   Continuously   131   Concelweek   131   ND   mBq/m³ ND   ND   ND   ND   ND   ND   ND   ND  | 1               |                         | •   |               | Nuclide analysis      |                |                                      |                  | ND            | ·                  | ND            |                                     | ND                  |
| Inside environmental monitoring area: 1 point Outside environmental monitoring area: 3 points Inside environmental monitoring area: 3 points Outside environmental monitoring area: 1 point Outside environmental monitoring area: 2 points Once/3 months Outside environmental monitoring area: 2 points Once/3 months Once/4 point Outside environmental monitoring area: 2 points Once/4 point Outside environmental monitoring area: 2 points Once/4 point Outside environmental monitoring area: 2 points Once/4 point Outside environmental monitoring area: 3 points Once/  |                 |                         |   |               |                       |                |                                      |                  |               |                    | ND            |                                     | ND                  |
| Secretarian      |                 |                         | Inside environmental monitoring                     |               |                       |                |                                      |                  |               |                    |               |                                     |                     |
| Gaseous betar adioactivity concentration Dutside environmental monitoring area: 3 points    Rain water   Dutside environmental monitoring area: 2 points   Section   S | Air             | lodine                  | area: 1 point Outside environmental monitoring      | Continuously  | <sup>131</sup>        | Once/week      |                                      | 131              | ND            | mBq/m <sup>3</sup> | ND            |                                     | ND                  |
| Rain water Inside environmental monitoring area: 1 point Continuously Total & radioactivity Total & radioactiv |                 | radioactivity           | area: 1 point Outside environmental monitoring      | Continuously  | <sup>85</sup> Kr      | Continuously   |                                      | <sup>85</sup> Kr | ND            | kBq/m³             | ND            |                                     | ND                  |
| Settled dust Inside environmental monitoring area: 1 point Continuously Total & radioactivity Once/month Total & radioactivity 7.3 - 12 Bq/m² ND  Inside environmental monitoring area: 1 point Outside environmental monitoring area: 3 points  Once/3 months 3H ND  Once/3 months 3H ND  Once/3 months No  Once/9 months No  |                 | <sup>3</sup> H in water |   | Continuously  | ³H                    | Once/month     |                                      | <sup>3</sup> H   | ND            | Bq/L               | ND            |                                     | ND - 6.9            |
| Settled dust area: 1 point Commontal monitoring area: 1 point Inside environmental monitoring area: 3 points  Inside environmental monitoring area: 2 points  Inside environme |                 | Rain water              |   | Continuously  | ³H                    | Once/month     |                                      | <sup>3</sup> H   | ND            | Bq/L               |               |                                     | ND - 4.8            |
| Drinking water  Drinking water  Drinking water  Drinking water  Drinking water  Dutside environmental monitoring area: 3 points  Once/3 months  Jah  Once/9 months  Ja |                 | Settled dust            |   | Continuously  | Total ß radioactivity | Once/month     | Total                                | ß radioactivity  | 7.3 - 12      | Bq/m <sup>2</sup>  |               |                                     | ND - 65             |
| Dinking water  Outside environmental monitoring area: 3 points  Outside environmental monitoring area: 3 points  Outside environmental monitoring area: 3 points  Once/3 months  Once/3 months  Once/3 months  Once/4 mo |                 |                         | area: 1 point Outside environmental monitoring      | Once/3 months | Total ß radioactivity | ·              | Total ß radioactivity                |                  | 0.052 - 0.072 |                    | 0.058         |                                     | ND - 0.090          |
| Dutside environmental monitoring area: 3 points  |                 | Drinking water          |   |               | ³H                    |                |                                      | ³H               | ND            | Bq/L               | ND            |                                     | ND                  |
| Leaf vegetable   area: 3 points  |                 |                         | Outside environmental monitoring                    |               | <sup>131</sup>        | Once/3 months  |                                      | <sup>131</sup>   | ND            |                    | ND            |                                     | ND                  |
| Leaf vegetable   area: 3 points  |                 |                         |   |               |                       |                | ļ                                    | 90Sr             | ND, 0.11      |                    | 0.058         | 1                                   | ND - 0.21           |
| Polished rice  | Leaf vegetable  |                         | -   | Once/3 months | Nuclide analysis      | Once/year      |                                      |                  |               | Bq/kg raw          |               | Object: spinach, cabbage            | ND                  |
| Polished rice  |                 |                         | ·   |               | ,                     | ,              | 2                                    |                  |               |                    |               | †                                   | ND ND               |
| Polished rice  | -               |                         | 0.111   | Once/year     | 140                   | Once/year      |                                      |                  |               | Dala carbon        |               |                                     | 0.23 - 0.27         |
| Milk   |                 | Polished rice           |   |               |                       |                |                                      |                  |               |                    | <b></b>       | -                                   | 0.23 - 0.27<br>ND   |
| Milk   Course environmental monitoring   area: 2 points   Conce/vear   Nuclide analysis   Conce/vear   Conc   | $\vdash$        |                         |   |               |                       | 0 10 11        | -                                    |                  |               | Dq/kg raW          |               |                                     |                     |
| Inside environmental monitoring area: 2 points Once/vear Nuclide analysis Once/vear 137Cs 4.5-15 Bg/kg dry 18 2.8  | 1               | Milk                    |   | Once/3 months | ·                     |                | <b></b>                              |                  |               | Bq/L raw           |               |                                     | ND                  |
| Surface soil area: 2 points Once/vear Nuclide analysis Once/vear 137Cs 4.5-15 Bg/kg dry 18 2.8   | $\vdash$        |                         | ·   |               | ~Sr                   | Once/year      |                                      |                  |               |                    |               |                                     | ND - 0.034          |
| Surface soil I   | 1               |                         |   | Once/year     |                       | Once/year      | ļ                                    |                  |               |                    |               |                                     | ND - 6.1            |
|  |                 | Surface soil            |   |               |                       |                |                                      | 13/Cs            |               | Bq/kg dry          |               |                                     | 2.8 - 36            |
|  | L               |                         | area: 3 points                                      |               |                       |                |                                      |                  |               |                    | 0.74          |                                     | 0.058 - 1.2         |
| River water Once/6 months Once/6 months Ray  | 1               | River water             | Shinkawa: 3 points<br>Kuji river upstream: 1 point* | Once/6 months | Total ß radioactivity | Once/6 months  | Total                                |                  | ND            | Ba/l               | 0.060         |                                     | ND - 0.21           |
| Nvei water Kuji river upstream: 1 point* Oice/o illoitus 3H ND Suji ND ND  | L               | Tuvoi matei             |   |               |                       |                |                                      | <sup>3</sup> H   | ND            | Dq/L               | ND            |                                     | ND                  |
| River-bottom soil Shinkawa: 3 points Kuji river upstream: 1 point* Once/6 months Total 8 radioactivity Once/6 months Total 8 radioactivity 500 - 570 Bq/kg dry 730 450   |                 | River-bottom soil       |   | Once/6 months | Total ß radioactivity | Once/6 months  | Total                                | ß radioactivity  | 500 - 570     | Bq/kg dry          | 730           |                                     | 450 - 720           |

(Note 1) ND: indicates below the determination limit. (Note 2) \*: indicates the comparative area.

( ... )

(Note 3) The usual range of fluctuation of air radiation is that in the past 3 years from FY 2004 to FY 2006; the usual range of fluctuation of other measured objects is that in the past 10 years from FY 1997 to FY 2006.

As for cumulative dose, howev

(Note 4) As for the usual range of fluctuation of air radiation, the top values indicate the min to max, and bottom values in parentheses indicate the average ±3σ. Values of other measured objects indicate min to max.