**Attachment**

Impact Assessment Results of Ventilating Reactor Building of Unit 1

| | Evaluation Items | Evaluation based on the Radiation Density inside of the building on May 7 (Measured at 3:15 pm) |
|---|---|---|
| Radiation Density (after the operation) | I-131 | 9.7E-3 Bq/cm$^3$ |
| | Cs-134 | 4.9E-3 Bq/cm$^3$ |
| | Cs-137 | 5.1E-3 Bq/cm$^3$ |
| Release Conditions | Ventilation Volume | 3,200 m$^3$/h |
| | Ventilation Time (Ventilation rate is constant during the duration) | 8 hours |
| | Height of release (no consideration of blowing up) | 28.7m |
| Weather Conditions | Wind Direction | E |
| | Wind Velocity | 1.0m/s |
| | Atmospheric Stability | F |
| Estimated Results of Radiation Dose (Maximum figures of the land: within the site) | Internal Exposure by Inhalation (effective dose) I-131 | 3.0E-4 mSv |
| | Cs-134,137 | 1.4E-4 mSv |
| | External Exposure by Air (effective dose) I-131 | 2.6E-7 mSv |
| | Cs-134,137 | 7.7E-7 mSv |
| | External Exposure by Ground (effective dose) I-131 | 8.8E-7 mSv |
| | Cs-134,137 | 1.4E-6 mSv |
| | Total (effective dose) | 4.4E-4 mSv |
| | Air Radiation Dose Rate | 4.2E-4 μSv/h |
| Estimated Results of Radiation Density | Radiation Density at Site Boundary I-131 | 9.6E-7 Bq/cm$^3$ |
| | Cs-134 | 5.2E-7 Bq/cm$^3$ |
| | Cs-137 | 5.0E-7 Bq/cm$^3$ |
| | Average of March (proportion to the density limit) I-131 | 3.6E-9 Bq/cm$^3$ (0.0007) |
| | Cs-134 | 1.9E-9 Bq/cm$^3$ (0.0001) |
| | Cs-137 | 1.9E-9 Bq/cm$^3$ (0.00006) |
| | Summation of the Proportion | 0.0009 |