

Check of radiation dose in restricted areas, etc.

1. Extension site of Distribution Map of Radiation Dose (<http://ramap.jaea.go.jp/map/>)

This Extension Site of the Distribution Map of Radiation Dose was prepared based on the latest distribution map of radiation dose, the vehicle-borne survey maps, and the results of various monitoring surveys conducted by the Ministry of Education, Culture, Sports, Science and Technology to determine in detail the impacts of radioactive materials discharged from the TEPCO Fukushima Daiichi Nuclear Power Plant.

2. Latest Distribution Map of Radiation Dose (GIF)

This was created by Nuclear Emergency Response Headquarters, and arranges the latest average ambient dose rate data (fifth airborne monitoring data: as of 28 June 2012) together with the result of the vehicle-borne survey in the restricted areas by converting 3.8 $\mu\text{Sv/h}$ to 20 mSv/year to obtain an annual integrating dose (mSv).

*Airborne monitoring data to use will be updated any time to the latest version.

[Relationship between 3.8 $\mu\text{Sv/h}$ and 20 mSv/year]

Integrating dose calculated under the assumption that the dose remains the same for a year and a person works indoors for 16 hours and outdoors for 8 hours per day.

$$\underline{3.8 \mu\text{Sv/h} \times [(16 \text{ hours} \times 0.4^*) + 8 \text{ hours}] \times 365 \text{ days} = 20 \text{ mSv/year}}$$

*Since radiation is shielded during indoor work, the reduction factor of 0.4 (namely, shielding of 60%) for “one- or two-story wooden house” in “Disaster prevention measures for nuclear facilities, etc.” (Atomic Energy Commission) is used for the correction.

3. Radioactive Material Distribution Survey Database (<http://radb.jaea.go.jp/mapdb/>)

For recovery etc. of base facilities for living and industry, electronic data such as the latest airborne monitoring are released on the above web site. If data not included in the database are necessary, the attached notification should be submitted to the Reconstruction Agency. Private companies shall submit the attached notification to the Reconstruction Agency through a competent ministry or agency of the corresponding industrial field.

Notification
Day/Month/ Year

To:
Reconstruction Agency,
Nuclear Disaster Recovery Division

From:
Department
Bureau
Ministry

Providing airborne monitoring data etc. (request)

We would like to request you to provide us with data and other information from the results of the environment monitoring that your ministry conducted and released as described below.

Note

1. Purpose of use of data:
2. Data that we need and their extent:
3. File format:
4. Why the data is necessary:
5. Others:

[Person in charge]
Name
Department, Bureau, Ministry
e-mail:
tel:
fax: