Readings at Monitoring Post out of 20 Km Zone of Fukushima Dai-ichi NPP

As of 16:00 March 25, 2011 Ministry of Education, Culture, Sports, Science and Technology (MEXT)

1. Monitoring Outputs by MEXT *Boldface and underlined readings are new.

- * 1 measured by Geiger-Müller counter
- *2 measured by ionization chamber type survey mete
- * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv $/$ h)	Weather	Reading by
Reading Point 【2】 (about 55Km Northwest)	2011/3/25 10:01	5.4 * ²	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【3】 (about 45Km Northwest)	2011/3/25 10:38	7.0 *²	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【4】 (about 50Km Northwest)	2011/3/25 9:33	2.3 *2	No rain	MEXT
Reading Point 【5】 (about 45Km North)	2011/3/25 11:18	2.7 *2	No rain	MEXT
Reading Point [6] (about 45Km North)	2011/3/25 12:16	<u>3.7 *²</u>	<u>No rain</u>	JAEA (Japan Atomic Energy Agency)
Reading Point [7] (about 45Km North)	2011/3/25 12:29	<u>3.2 *²</u>	<u>No rain</u>	JAEA (Japan Atomic Energy Agency)
Reading Point 【10】 (about 40Km Northwest)	2011/3/25 9:55	2.0 *2	No rain	MEXT
Reading Point 【11】 (about 40Km Northwest)	2011/3/25 10:06	2.8 *2	No rain	MEXT
Reading Point 【12】 (about 40Km West)	2011/3/25 11:29	0.5 *2	No rain	MEXT
Reading Point 【13】 (about 40Km West)	2011/3/25 11:46	0.8 *2	No rain	MEXT
Reading Point 【14】 (about 35Km West)	2011/3/25 11:56	0.9 *2	No rain	MEXT
Reading Point [15] (about35Km West)	2011/3/25 12:08	2.1 *2	No rain	MEXT
Reading Point 【20】 (about 45Km Northwest)	2011/3/25 10:31	1.4 *2	No rain	MEXT

* 1 measured by Geiger-Müller counter
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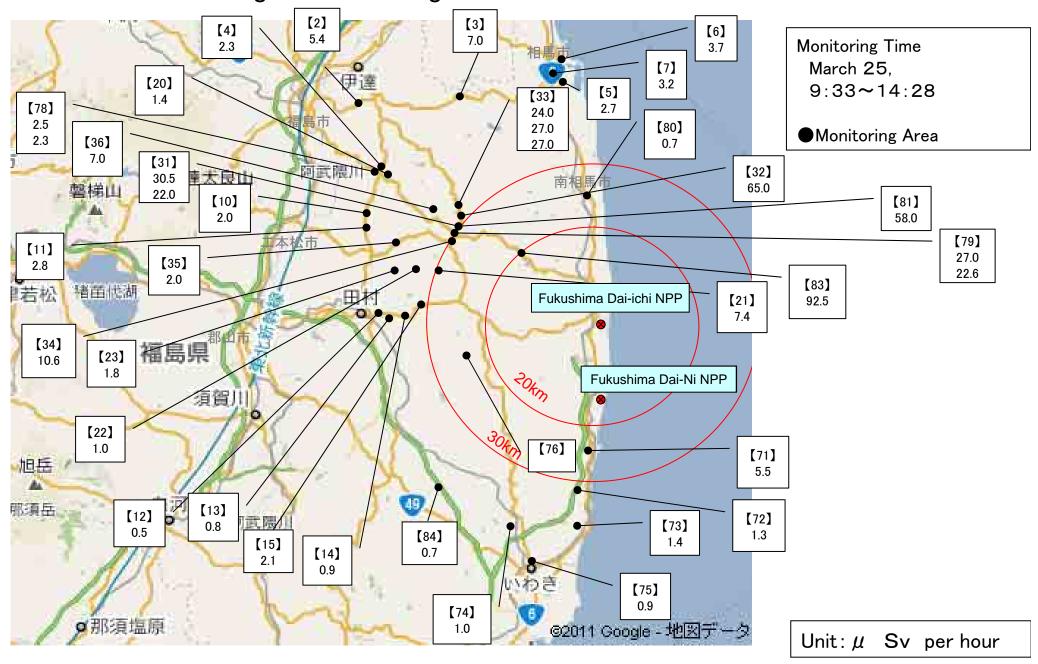
Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μ Sv $/$ h)	Weather	Reading by
Reading Point 【21】 (about 30Km West-northwest)	2011/3/25 10:57	7.4 * ²	No rain	MEXT
Reading Point 【22】 (about 30Km West-northwest)	2011/3/25 10:50	1.0 *2	No rain	MEXT
Reading Point 【23】 (about 30Km West-northwest)	2011/3/25 10:40	1.8 *2	No rain	MEXT
Reading Point [31] (about 30Km West-northwest)	2011/3/25 14:14	<u>30.5</u> *²	Rain	<u>MEXT</u>
Reading Point [31] (about 30Km West-northwest)	2011/3/25 11:41	<u>22.0</u> *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point [32] (about 30Km Northwest)	2011/3/25 12:00	<u>65.0</u> *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【33】 (about 30Km Northwest)	2011/3/25 14:28	<u>24.0</u> *2	Rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【33】 (about 30Km Northwest)	2011/3/25 13:28	<u>27.0</u> *2	<u>Rain</u>	JAEA (Japan Atomic Energy Agency)
Reading Point [33] (about 30Km Northwest)	2011/3/25 12:28	<u>27.0</u> *2	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point [34] (about 30Km Northwest)	2011/3/25 13:15	<u>10.6</u> *2	<u>Rain</u>	<u>MEXT</u>
Reading Point 【35】 (about 35Km Northwest)	2011/3/25 13:54	2.0 *²	<u>Rain</u>	<u>MEXT</u>
Reading Point 【36】 (about 40Km Northwest)	2011/3/25 11:00	7.0 * ²	No rain	JAEA (Japan Atomic Energy Agency)
Reading Point 【71】 (about 25Km South)	2011/3/25 9:03	<u>5.5</u> *2	No rain	Police (counter NBC operations unit)
Reading Point 【72】 (about 30Km South)	2011/3/25 9:32	<u>1.3 *²</u>	No rain	Police (counter NBC operations unit)
Reading Point 【73】 (about 35Km South)	2011/3/25 9:52	<u>1.4 *²</u>	No rain	Police (counter NBC operations unit)
Reading Point 【74】 (about 35Km South)	2011/3/25 10:31	<u>1.0 *²</u>	No rain	Police (counter NBC operations unit)
Reading Point 【75】 (about 45Km South)	2011/3/25 7:30	<u>0.9</u> *2	No rain	Police(counter NBC operations unit)

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- * 3 measured by NaI scintillator detector

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit: μSv/h)	Weather	Reading by
Reading Point [78] (about 45Km Northwest)	2011/3/25 12:08	<u>2.5</u> *2	<u>No rain</u>	Police(counter NBC operations unit)
Reading Point [78] (about 45Km Northwest)	2011/3/25 7:56	<u>2.3 *²</u>	<u>No rain</u>	Police (counter NBC operations unit)
Reading Point [79] (about 30Km Northwest)	2011/3/25 13:24	<u>27.0 *²</u>	<u>Rain</u>	<u>MEXT</u>
Reading Point [79] (about 30Km Northwest)	2011/3/25 8:48	<u>22.6 *²</u>	<u>No rain</u>	Police(counter NBC operations unit)
Reading Point [80] (about 25Km North)	2011/3/25 10:54	<u>0.7 *²</u>	<u>No rain</u>	Police (counter NBC operations unit)
Reading Point [81] (about 30Km West-northwest)	2011/3/25 8:35	<u>58.0 *²</u>	<u>No rain</u>	Police (counter NBC operations unit)
Reading Point [83] (about 20Km Northwest)	2011/3/25 9:00	<u>92.5</u> *2	No rain	Police (counter NBC operations unit)
Reading Point [84] (about 40km Southwest)	2011/3/28 10:40	<u>0.7 *²</u>	No rain	JAEA (Japan Atomic Energy Agency)

2. Under construction, Reading by Ministry of Defense

Readings at Monitoring Post Out of Fukushima Dai-ichi NPP



Radiation in Daily-life Radiation dose

1,000

100

10

Global average

Kanagawa

Natural radiation

dose per year.

Evaluated dose of radiation from radioactive

Standard radiation dose from

substance emitted from the nuclear fuel reprocessing plant per year.

Clearance level

[$\sim 10.000 \,\mu \, \text{Sv/year}$]

 $\lceil \sim 2.400 \, \mu \, \text{Sy/year} \rceil$

Radiation dose in Guarapari(Brazil) per year.

ingestion 0.29

Radon absorbed

Maximum difference of the average of

natural radiation dose in each prefecture.

in air 1.26

Earth 0.48

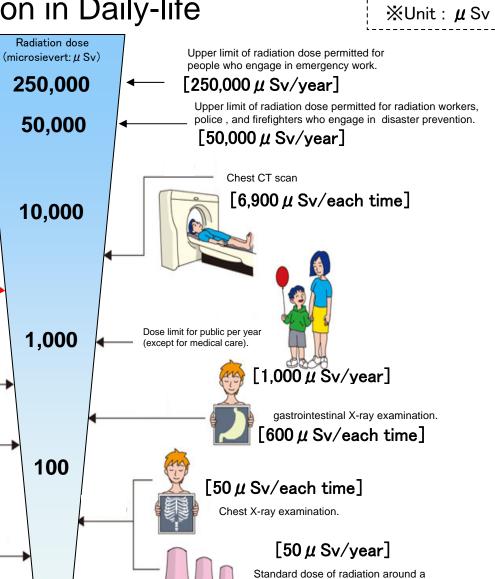
[\sim 400 μ Sv/year]

[\sim 200 μ Sv/round trip]

[22 \(\mu \) Sv/year]

[10 \(\mathbb{U}\) Sv/year]

An air travel between Tokyo and New York (RT) (Increased cosmic radiation at high altitude.)



nuclear plant (light water reactor).

(Actual result is far below the value.)