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

As of 16:00 April 3, 2011
Ministry of Education, Culture, Sports, Science
and Technology (MEXT)

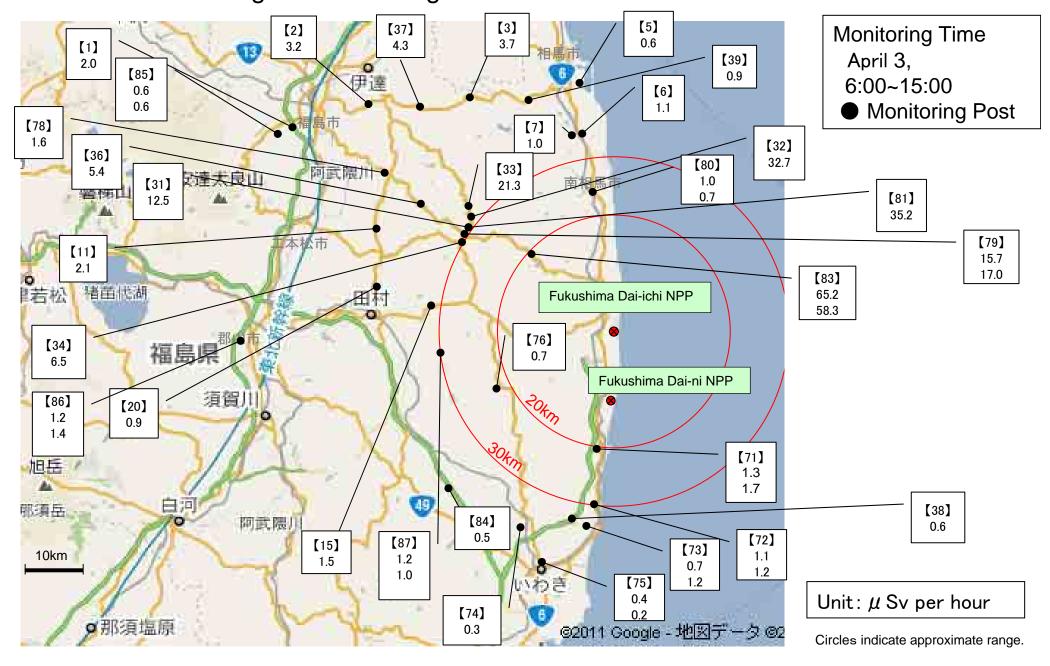○Monitoring Outputs by MEXT *Boldface and underlined readings are new.

* 1 measured by Geiger-Müller counter
* 2 measured by ionization chamber type survey meter
* 3 measured by NaI scintillator detector
* 4 variation range of the measuring data in measuring

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit：μSv / h)	Weather	Reading by
Reading Point 【1】 (About60kmNorthWest)	2011/4/3 8:43	2.0 *2	No Rain	MEXT
Reading Point 【2】 (About55kmNorthWest)	2011/4/3 9:06	3.2 *2	No Rain	JAEA （Japan Atomic Energy Agency)
Reading Point 【3】 (About45kmNorthWest)	2011/4/3 9:55	3.7 *2	No Rain	JAEA （Japan Atomic Energy Agency)
Reading Point 【5】 (About45kmNorth)	2011/4/3 10:17	0.6 *2	No Rain	JAEA （Japan Atomic Energy Agency)
Reading Point 【6】 (About45kmNorth)	2011/4/3 11:11	1.1 *2	No Rain	JAEA （Japan Atomic Energy Agency)
Reading Point 【7】 (About45kmNorth)	2011/4/3 11:21	1.0 *2	No Rain	JAEA （Japan Atomic Energy Agency)
Reading Point 【11】 (About40kmNorthWest)	2011/4/3 9:45	2.1 *2	No Rain	MEXT
Reading Point 【15】 (About35kmWest)	2011/4/3 10:48	1.5 *2	No Rain	MEXT
Reading Point 【20】 (About45kmNorthWest)	2011/4/3 10:10	0.9 *2	No Rain	MEXT
Reading Point 【31】 (About30kmWestNorthWest)	2011/4/3 10:24	12.5 *2	No Rain	JAEA （Japan Atomic Energy Agency)
Reading Point 【32】 (About30kmNorthWest)	2011/4/3 10:24	32.7 *2	No Rain	JAEA （Japan Atomic Energy Agency)
Reading Point 【33】 (About30kmNorthWest)	2011/4/3 11:07	21.3 *2	No Rain	JAEA （Japan Atomic Energy Agency)
Reading Point 【34】 (About30kmNorthWest)	**2011/4/3 12:42**	**6.5 *2**	**No Rain**	**JAEA （Japan Atomic Energy Agency)**

Monitoring Post (length from NPP)	Monitoring Time	Reading (unit : μSv／h)	Weather	Reading by
Reading Point 【36】 (About40kmNorthWest)	2011/4/3 9:46	5.4 *2	No Rain	JAEA （Japan Atomic Energy Agency）
Reading Point 【37】 (About50kmNorthWest)	2011/4/3 9:39	4.3 *2	No Rain	JAEA （Japan Atomic Energy Agency）
Reading Point 【38】 (About35kmSouth)	2011/4/3 12:40	0.6 *2	No Rain	MEXT
Reading Point 【39】 (About45kmNorth)	2011/4/3 10:17	0.9 *2	No Rain	JAEA （Japan Atomic Energy Agency）
Reading Point 【71】 (About25kmSouth)	2011/4/3 14:02	1.3 *2	No Rain	MEXT
Reading Point 【71】 (About25kmSouth)	2011/4/3 8:56	1.7 *2	No Rain	Police（counter NBC operations unit ）
Reading Point 【72】 (About30kmSouth)	2011/4/3 9:24	1.2 *2	No Rain	Police（counter NBC operations unit ）
Reading Point 【72】 (About30kmSouth)	2011/4/3 13:28	1.1 *2	No Rain	MEXT
Reading Point 【73】 (About35kmSouth)	2011/4/3 9:40	0.7 *2	No Rain	Police（counter NBC operations unit ）
Reading Point 【73】 (About35kmSouth)	2011/4/3 12:54	1.2 *2	No Rain	MEXT
Reading Point 【74】 (About35kmSouth)	2011/4/3 11:48	0.3 *2	No Rain	MEXT
Reading Point 【75】 (About45kmSouth)	2011/4/3 7:25	0.4 *2	No Rain	Police（counter NBC operations unit ）
Reading Point 【75】 (About45kmSouth)	2011/4/3 11:15	0.2 *2	No Rain	MEXT
Reading Point 【76】 (About20kmSouthWest)	2011/4/3 11:30	0.7 *2	No Rain	MEXT
Reading Point 【78】 (About45kmNorthWest)	2011/4/3 7:48	1.6 *2	No Rain	Police（counter NBC operations unit ）
Reading Point 【79】 (About30kmNorthWest)	2011/4/3 11:37	17.0 *2	No Rain	JAEA （Japan Atomic Energy Agency）
Reading Point 【79】 (About30kmNorthWest)	2011/4/3 9:49	15.7 *2	No Rain	Police（counter NBC operations unit ）
Reading Point 【80】 (About25kmNorth)	2011/4/3 11:26	1.0 *2	No Rain	Police（counter NBC operations unit ）
Reading Point 【80】 (About25kmNorth)	2011/4/3 11:50	0.7 *2	No Rain	MEXT

Monitoring Post (length from NPP)	Monitoring Time	Reading（unit：μSv／h）	Weather	Reading by
Reading Point【81】（About30kmNorthWest）	2011/4/3 8:34	35.2 *2	No Rain	Police（counter NBC operations unit）
Reading Point【83】（About20kmNorthWest）	2011/4/3 10:01	65.2 *2	No Rain	Police（counter NBC operations unit）
Reading Point【83】（About20kmNorthWest）	2011/4/3 10:21	58.3 *2	No Rain	MEXT
Reading Point【84】（About40kmSouthWest）	2011/4/3 10:21	0.5 *2	No Rain	MEXT
Reading Point【85】（About60kmNorthWest）	2011/4/3 14:00	0.6 *2	No Rain	Ministry of Defense
Reading Point【85】（About60kmNorthWest）	2011/4/3 6:00	0.6 *2	No Rain	Ministry of Defense
Reading Point【86】（About55kmWest）	2011/4/3 14:00	1.2 *2	No Rain	Ministry of Defense
Reading Point【86】（About55kmWest）	2011/4/3 6:00	1.4 *2	No Rain	Ministry of Defense
Reading Point【87】（About30kmWestSouthWest）	2011/4/3 14:00	1.2 *2	No Rain	Ministry of Defense
Reading Point【87】（About30kmWestSouthWest）	2011/4/3 6:00	1.0 *2	No Rain	Ministry of Defense

Readings at Monitoring Post out of Fukushima Dai-ichi NPP

Monitoring Time
April 3,
6:00~15:00
● Monitoring Post

【1】 2.0
【2】 3.2
【37】 4.3
【3】 3.7
【5】 0.6
【39】 0.9
【85】 0.6 / 0.6
【6】 1.1
【78】 1.6
【7】 1.0
【36】 5.4
【32】 32.7
【33】 21.3
【80】 1.0 / 0.7
【31】 12.5
【81】 35.2
【11】 2.1
【79】 15.7 / 17.0
【83】 65.2 / 58.3

Fukushima Dai-ichi NPP

【34】 6.5
【76】 0.7

Fukushima Dai-ni NPP

【86】 1.2 / 1.4
【20】 0.9
【71】 1.3 / 1.7
【38】 0.6
【84】 0.5
【72】 1.1 / 1.2
【15】 1.5
【87】 1.2 / 1.0
【73】 0.7 / 1.2
【75】 0.4 / 0.2
【74】 0.3

20km
30km

10km

Unit: μ Sv per hour

Circles indicate approximate range.

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Radiation in Daily-life

※Unit : μSv

Radiation dose
(microsievert: μSv)

250,000

Upper limit of radiation dose permitted for people who engage in emergency work.

[250,000μSv/year]

50,000

Upper limit of radiation dose permitted for radiation workers, police , and firefighters who engage in disaster prevention.

[50,000μSv/year]

[～10,000μSv/year]

Radiation dose in Guarapari(Brazil) per year.

10,000

Chest CT scan

[6,900μSv/each time]

Space 0.39   ingestion 0.29

Earth 0.48   Radon absorbed in air 1.26

Natural radiation dose per year.

[～2,400μSv/year]

Global average

1,000

Dose limit for public per year (except for medical care).

[1,000μSv/year]

Gifu ⟷ Kanagawa

Maximum difference of the average of natural radiation dose in each prefecture.

[～400μSv/year]

gastrointestinal X-ray examination.

[600μSv/each time]

An air travel between Tokyo and New York (RT).

(Increased cosmic radiation at high altitude.)

[～200μSv/round trip]

100

[50μSv/each time]

Chest X-ray examination.

[22μSv/year]

Evaluated dose of radiation from radioactive substance emitted from the nuclear fuel reprocessing plant per year.

[10μSv/year]

Standard radiation dose from Clearance level.

10

[50μSv/year]

Standard dose of radiation around a nuclear plant (light water reactor).

(Actual result is far below the value.)