

## Third Airborne Monitoring Survey by MEXT

May 30, 2011

Ministry of Education, Culture, Sports, Science and Technology

### 1. Airborne monitoring by MEXT

MEXT has performed airborne monitoring<sup>\*1</sup> (second airborne monitoring survey) since May 18 within the 80–100 km zone of the Fukushima Dai-ichi NPP, and the monitoring results are currently under analysis.

At the same time, in order to promptly check the current status of deposition of radioactive substances in the ground surface before the real rainy season starts, MEXT will perform additional airborne monitoring within the 80 km zone of the Fukushima Dai-ichi NPP (see the annex).

Starting from the third monitoring survey, staff members of the Japan Atomic Energy Agency will board an aircraft of the Ministry of Defense (MOD), and perform monitoring within the 40 km zone of the Fukushima Dai-ichi NPP. The U.S. DOE will continue to cooperate in the analysis of the monitoring results.

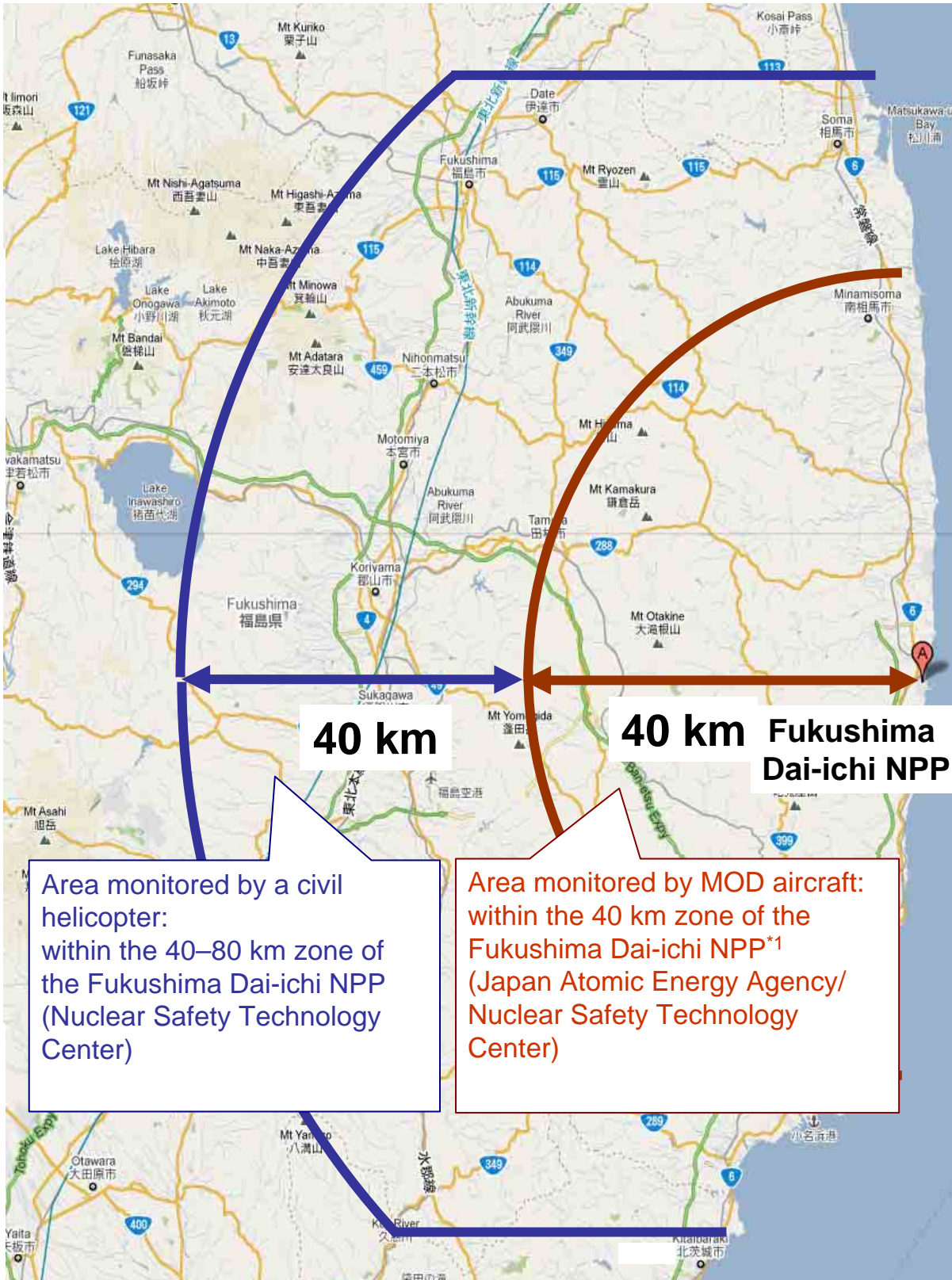
\*1: Airborne monitoring is a technique in which highly sensitive, large radiation detectors are installed in an aircraft, and gamma rays from radioactive substances accumulated in the ground are quickly measured over a large area, in order to check the surface deposition.

### 2. Details of the third airborne monitoring survey by MEXT

- Monitoring dates: May 31 to June 24<sup>\*2</sup>
- Aircraft: MEXT (Nuclear Safety Technology Center)
  - Private helicopter (BELL412)
  - MEXT (Japan Atomic Energy Agency/Nuclear Safety Technology Center )
  - MOD helicopter (UH60)
- Items covered: Air dose rate 1 m above the ground surface within an 80 km<sup>\*2</sup> range of the Fukushima Dai-ichi NPP, and deposition of radioactive substances in the ground surface
- Method of release of the results: Released by MEXT.

\*2: The scope of the monitored area and the monitoring time may change according to the local weather and flight conditions.

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\*1 Aircraft will not fly near the Fukushima Dai-ichi NPP.

## (Monitoring Specifications)

- Monitoring grid: 1–2 km
- Target altitude of monitoring: 150–300 m (absolute altitude)
- Monitoring term: May 31–June 24, 2011
- Monitoring items: Air dose rate 1 m above the ground surface and deposition of radioactive substances in the ground surface