

<Reference>

February 28, 2012

Tokyo Electric Power Company

**Investigation result
by the robot (quince2) on the 5th operating floor
of the Reactor Building of Unit 2
Fukushima Daiichi NPS**

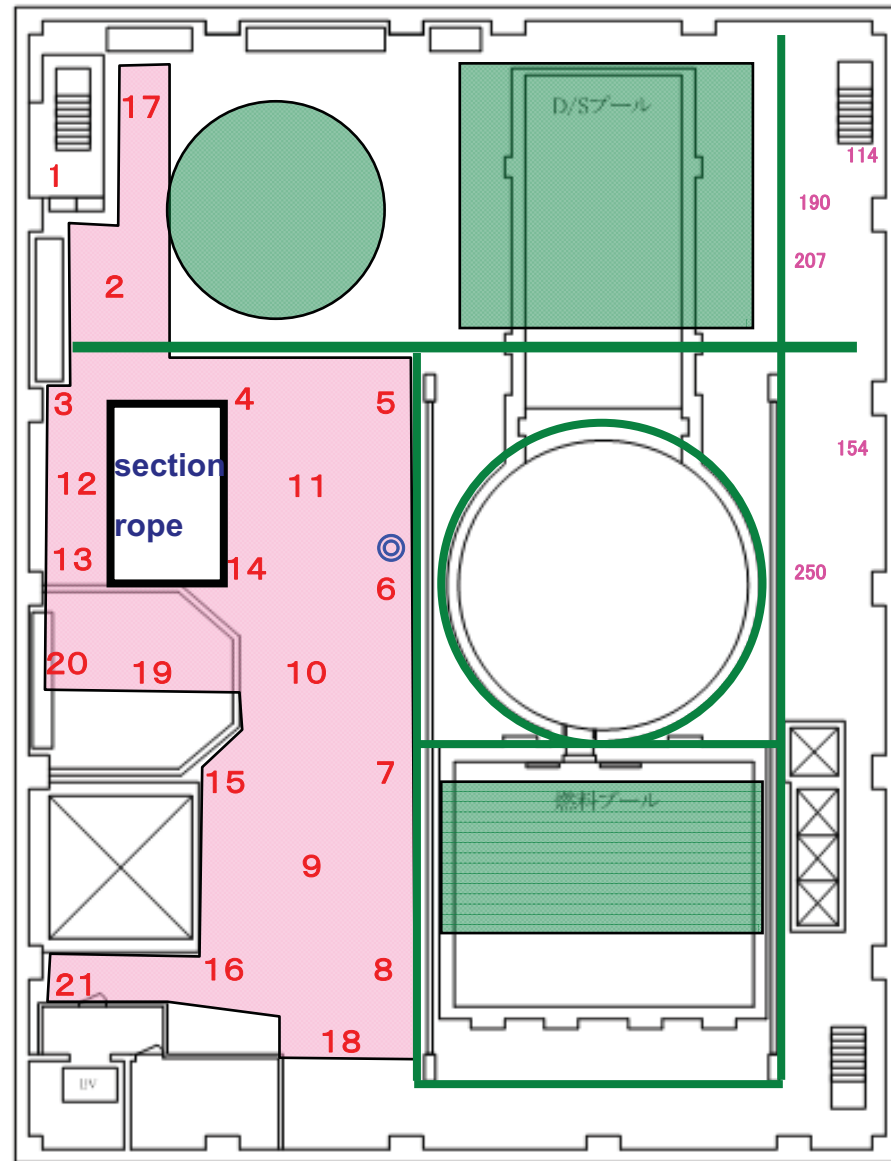
Investigation result on the 5th operating floor of the Reactor Building of Unit 2

Distribution of atmosphere dose rate [mSv/h]

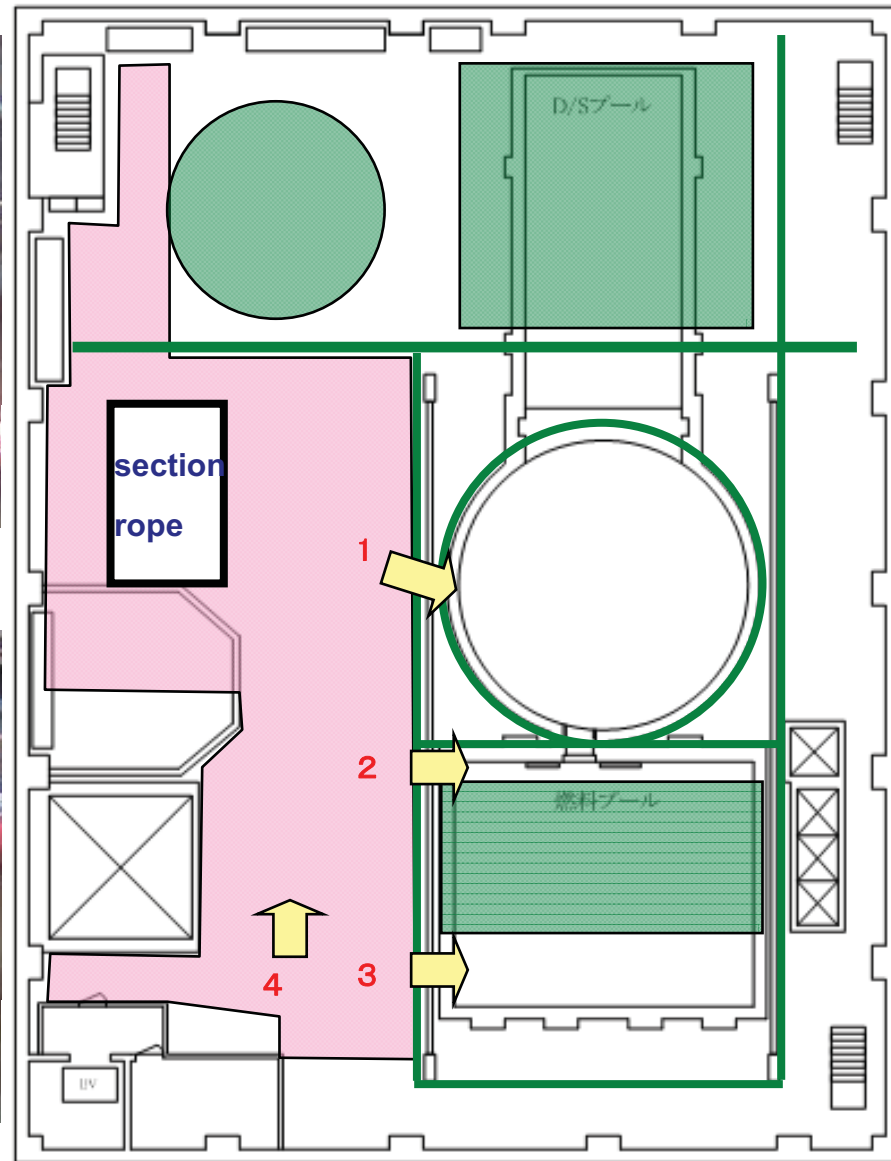
place	atmosphere dose rate	place	atmosphere dose rate
1	52	12	59
2	44	13	55
3	44	14	78
4	85	15	77
5	146	16	80
6	220	17	57
7	127	18	83
8	84	19	60
9	81	20	48
10	99	21	78
11	128		

Temperature and Humidity [◎]

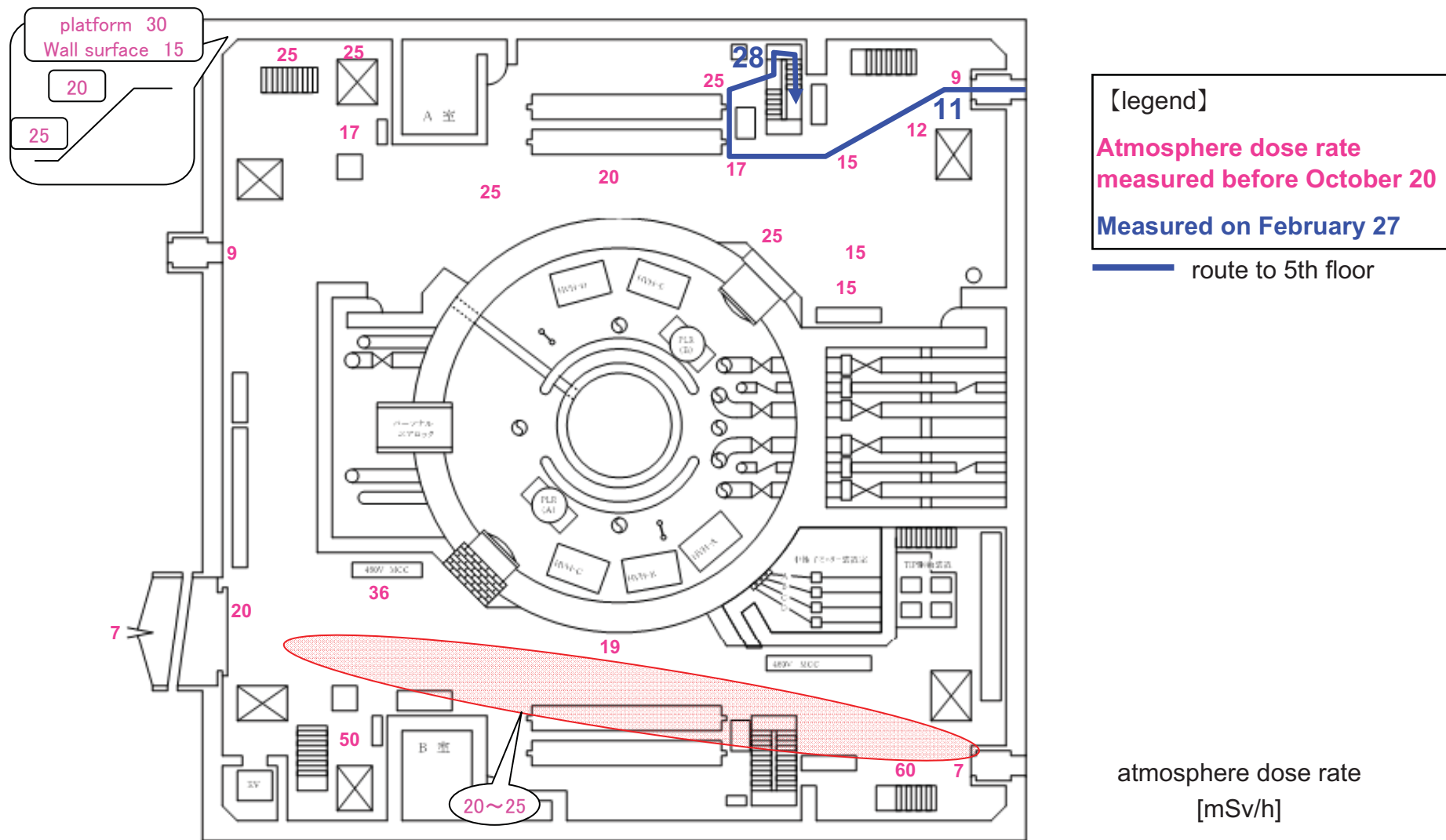
Temperature (°C)	Humidity (%)
11.1	69.9



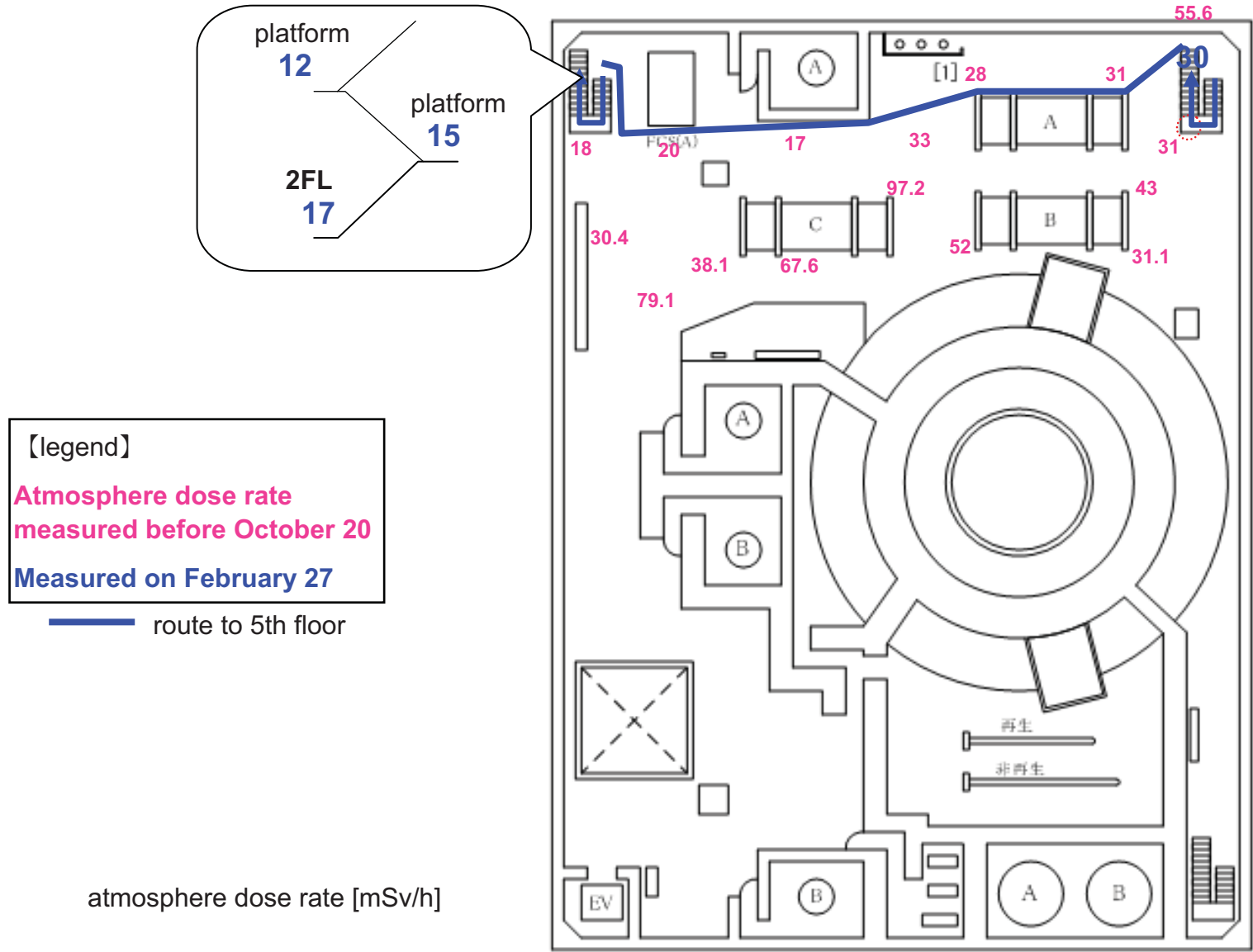
Investigation result on the 5th operating floor of the Reactor Building of Unit 2



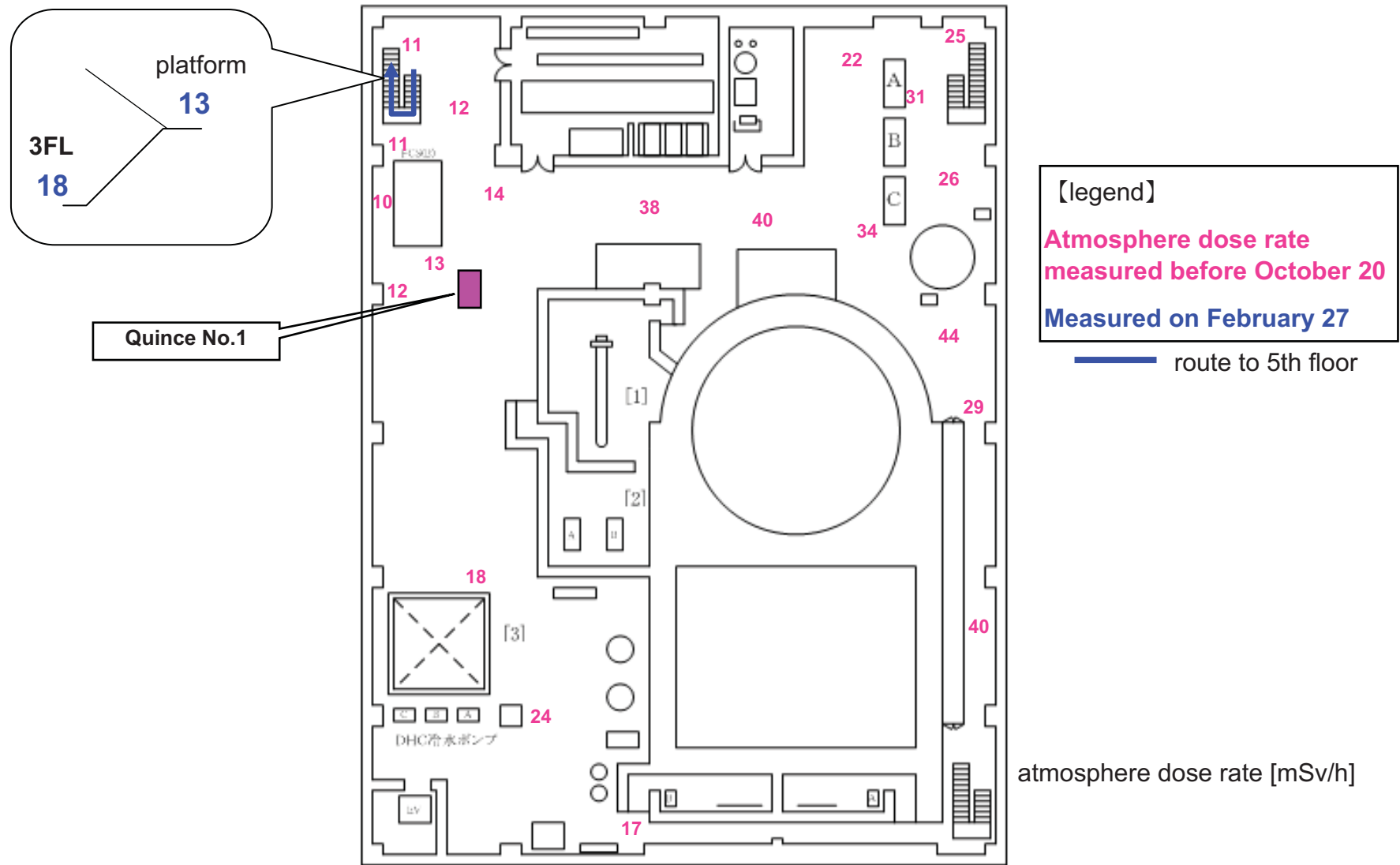
Investigation result on the 1st floor of the Reactor Building of Unit 2



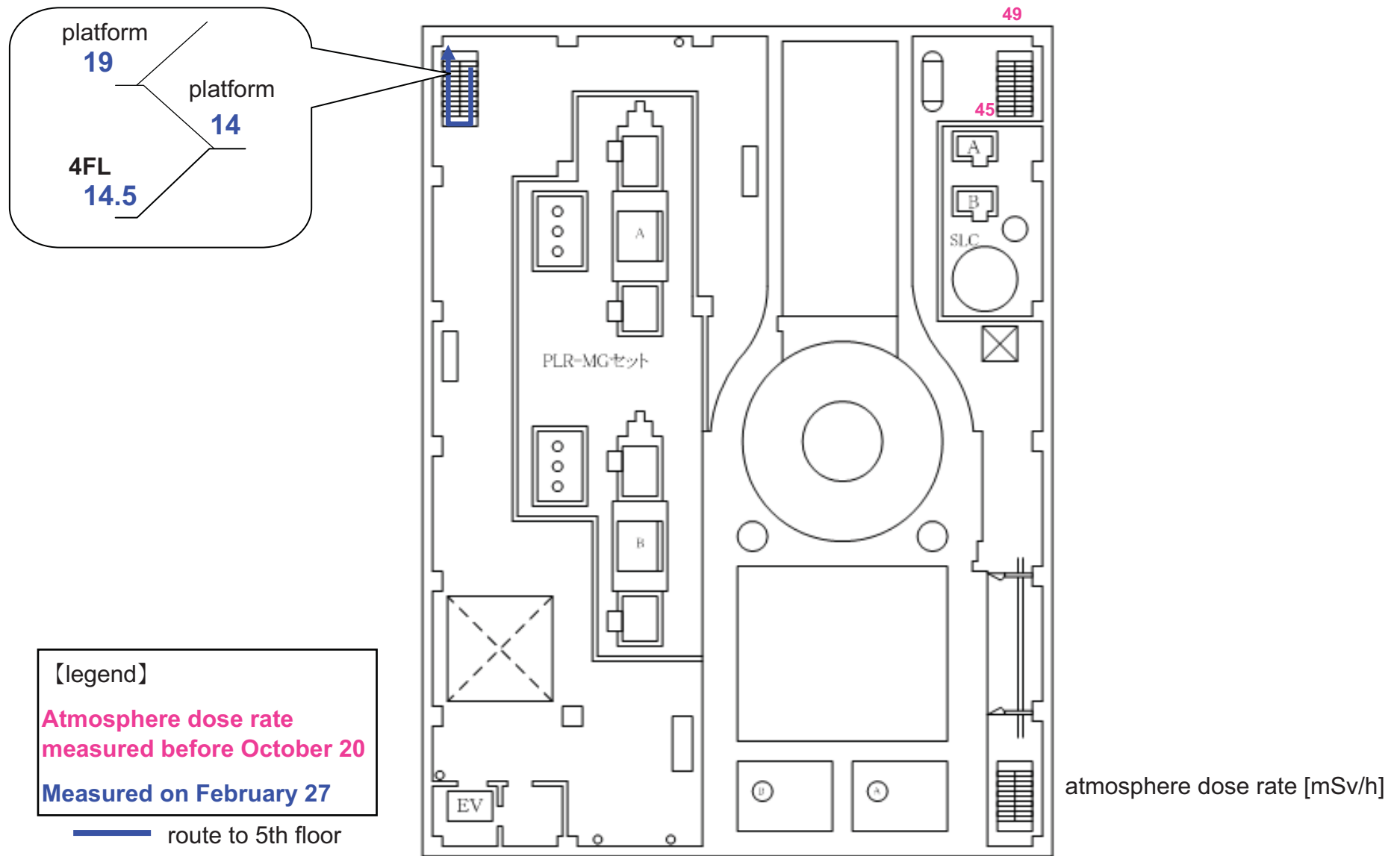
Investigation result on the 2nd floor of the Reactor Building of Unit 2



Investigation result on the 3rd floor of the Reactor Building of Unit 2



Investigation result on the 4th floor of the Reactor Building of Unit 2



Sampling result

Place of Sampling	5th operating floor of the R/B of Unit 2 Fukushima Daiichi		②Density limit by the announcement of Reactor Regulation (Bq/cm ³) (Density limit in the air to which radiation workers breathe in the section 4 of the appendix 2)
Date of Sampling	2012/2/27		
Time	11:35~12:35		
Detected Nuclides (Half-life)	①density of sample (Bq/cm ³)	Scaling Factor (①/②)	
I-131 (about 8 days)	ND	-	1E-03
Cs-134 (about 2 years)	3.0E-03	1.5	2E-03
Cs-137 (about 30 years)	3.9E-03	1.3	3E-03

※ The value of radioactivity density is the sum of the value of volatile nuclide's density and the value of particulate nuclide's density.

※ 0.0E-0 means 0.0 x 10-0

※ In the case that two or more kinds of nuclides exist, sum of each scaling factor to the density limit is compared with 1.

※ "ND" means the sampled data is below measurable limit.

The detection limits of three major nuclide that are not detected are as follows:

Volatile: I-131: approx. 1E-5Bq/cm³

Particulate: I-131: approx. 2E-5Bq/cm³

Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.