

Progress of making an opening in the west wall of
the Unit 2 reactor building at the Fukushima Daiichi
Nuclear Power Station
(Commencement of core extraction and sectioning work)

April 18, 2018



Tokyo Electric Power Company Holdings, Inc.

1. Progress of making an opening in the west wall of the Unit 2 reactor building

- Work to make an opening in the west wall of the Unit 2 reactor building began on April 16.
- Core drilling at the west wall was carried out on April 16 and 17. The maximum contamination concentration measured on the internal surface of the wall was $2.9 \times 10^2 \text{Bq/cm}^2$ which is about the same as that on the first floor of the reactor building, which has been entered in the past.
- After core sampling and examination of the inside surface of the wall completed, the subsequent steps of core extraction and sectioning began on April 18.
- Dust monitors monitoring the concentration of radioactive substances during the work and monitoring posts on site boundaries did not show any significant changes.
- We will continue this work while making safety our top priority.



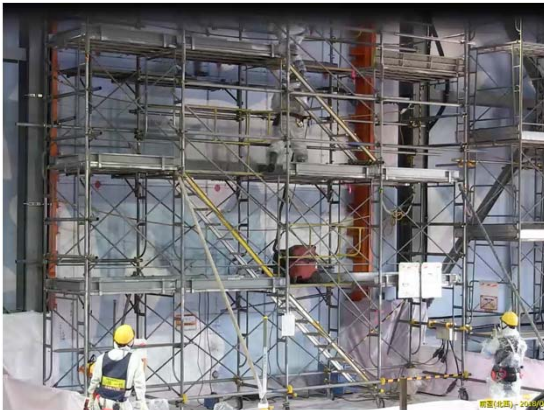
Installation of core drilling machine
Photo taken on April 16, 2018



Core sampling for examination
Photo taken on April 16, 2018

2. Core sampling for examination

- Air dose rate trends near core holes on the west wall were as follows:
 - Before drilling : [lower] 0.45 (mSv/h) ~ [upper] 1.00 (mSv/h)
 - Just after drilling : [lower] 1.00 (mSv/h) ~ [upper] 3.00 (mSv/h)
- Core holes were filled in after the cores were extracted and it was confirmed that air dose rates returned to around the same level as before the core holes were drilled.



Core drilling (full view)

Photo taken on April 16, 2018



Core drilling point for core sampling

Photo taken on April 16, 2018



Core samples for examination

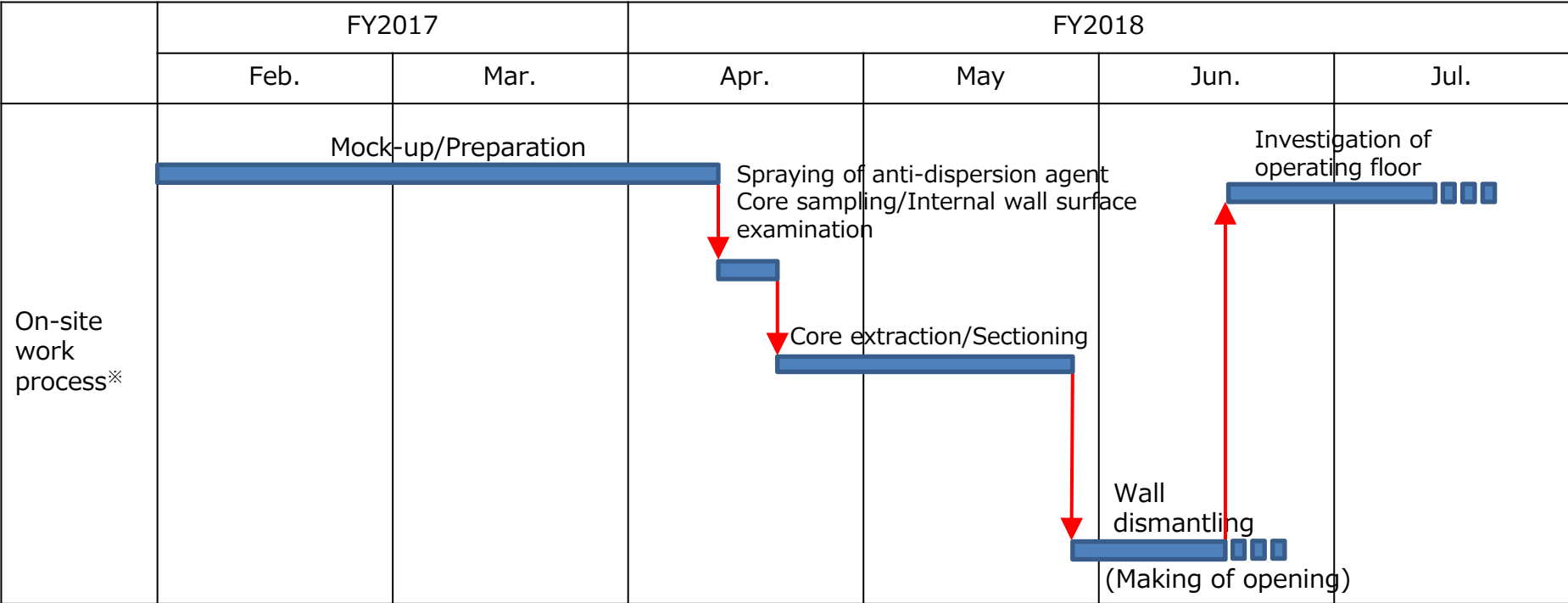
Photo taken on April 17, 2018



Filing in drilled core hole

Photo taken on April 16, 2018

3. Schedule for making an opening in the west wall



*Changes may be made depending upon the progress of work in the future.