

Start of decontamination by remote-controlled decontamination device on 1st Floor inside Unit 3 R/B at Fukushima Daiichi NPS

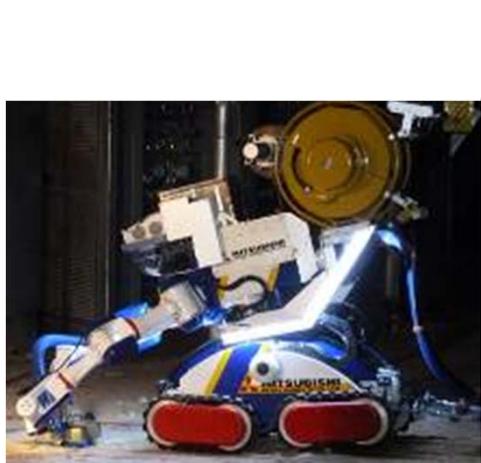
- In March 2014, debris removal by remote-controlled heavy equipment (ASTACO-SoRa) inside Unit 3 Reactor Building completed.
- On June 23, 2014 (scheduled), decontamination work by remote-controlled decontamination device (MEISTeR) such as dust suction will start in the building.

Outline

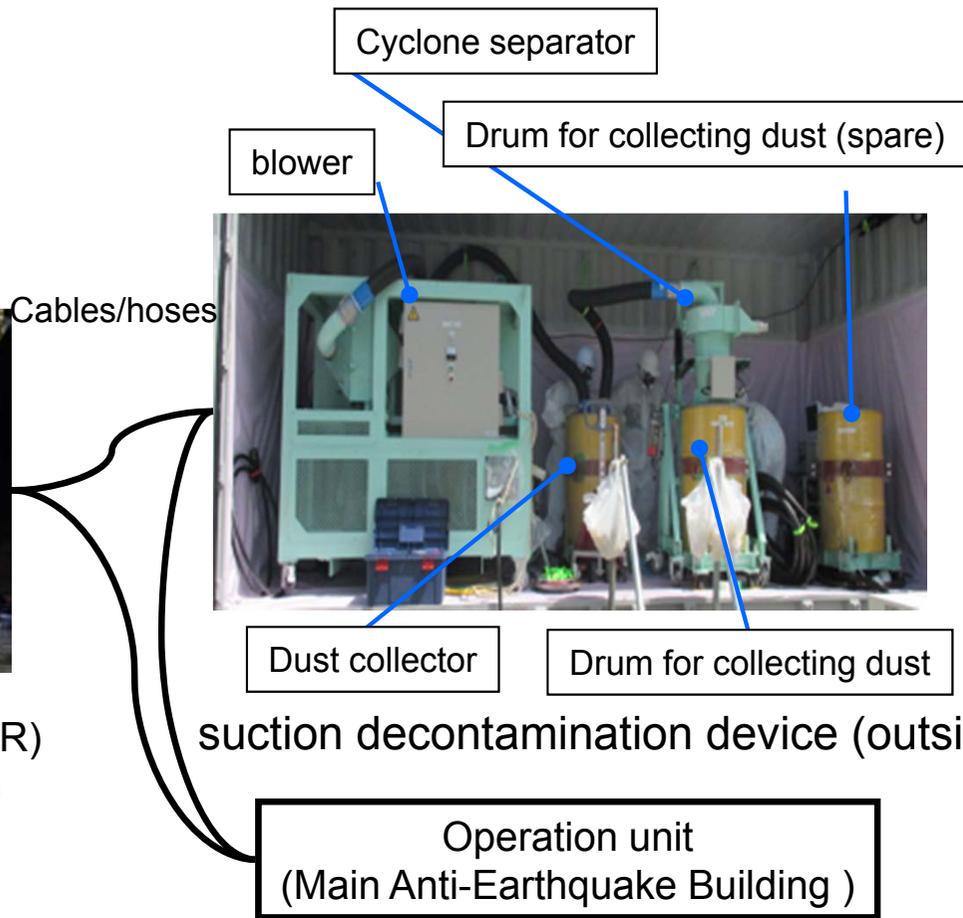
- Target: floor
- Decontamination method: vacuum
- Operational area: Main Anti-Earthquake Building

Specifications

- Body: W720 × L1,950 × H1600 mm
- Weight: 550kg
- Number of camera: 6 on main body + arm part
- Dosimeter: 2
- Running speed: 33 m/min.
- Wired remote-control system



operating vehicle(MEISTeR) (inside reactor building)



System of remote-controlled decontaminating device

<Reference> Result of debris removal on 1st Floor inside Unit 3 R/B at Fukushima Daiichi NPS

- Time: July, August, and November, 2013 to March, 2014
- Removed objects:
 - Total amount: 0.5 ton-pack: 38 packs
1.0 ton-pack: 23 packs
 - Major Objects:
 - concrete scraps
 - fences
 - drums
 - nitrogen cylinders
 - paper waste of high dose rate, etc.



Remote-controlled heavy equipment (ASTACO-SoRa)



Drums, etc.



Fallen duct