

## 1. Investigation overview

### ◆ Purpose

We aim to clarify damaged condition of building frames (mainly walls and pillars) inside Unit 1 Reactor Building at Fukushima Daiichi NPS.

### ◆ Work details

Taking high radiation dose into account, we adopt a investigation method suitable for lower radiation exposure; we install a lifting device equipped with cameras and lights on the first floor below the equipment hatch opening, and take photos of surrounding building frames via remote control.

### ◆ Area

Building frames around the equipment hatch (from 2<sup>nd</sup> to 4<sup>th</sup> floor) at Unit 1 Reactor Building

### ◆ Date

September 19 (Thursday)

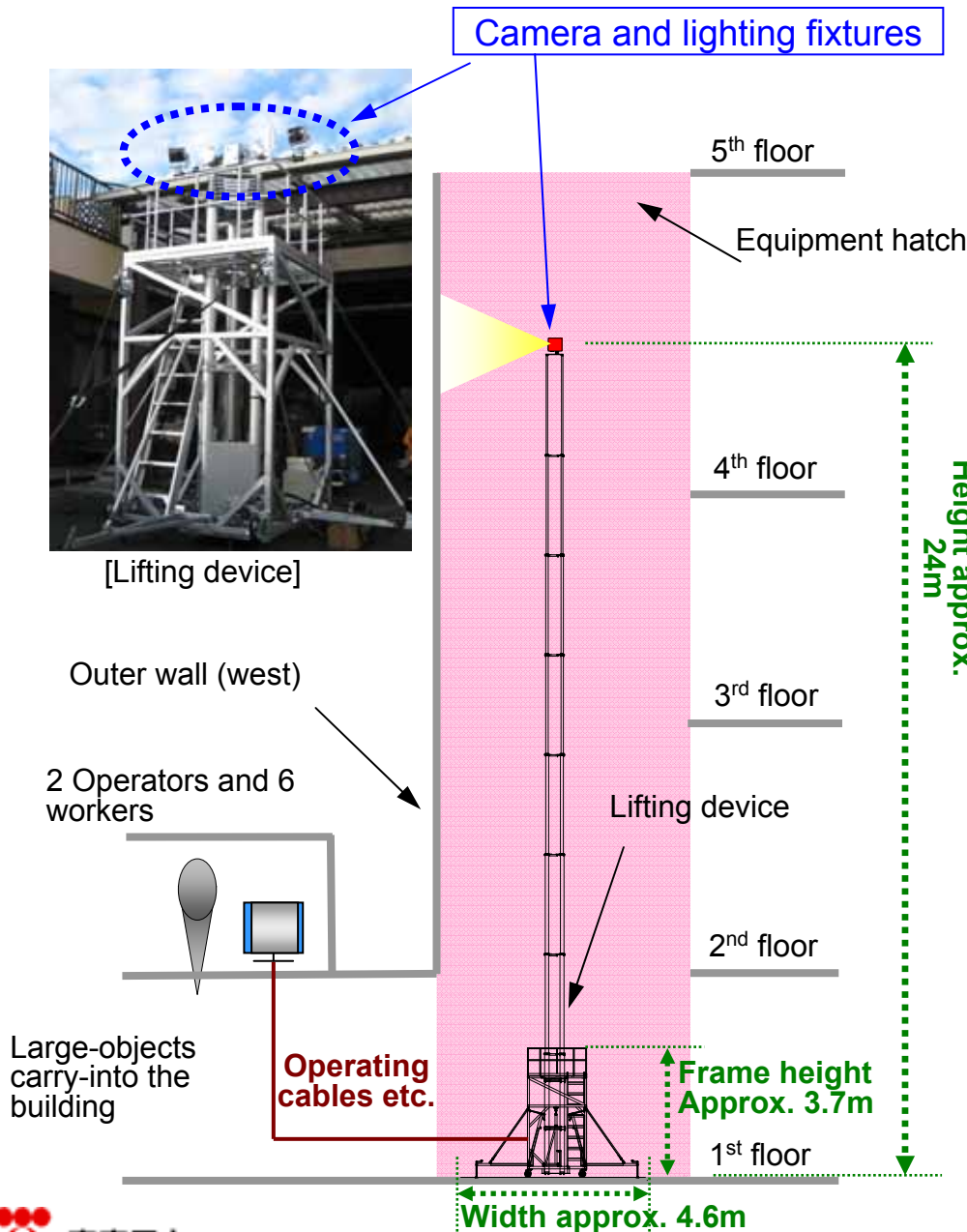
### ◆ Group (plan)

2 TEPCO employees and 8 associate company employees

### ◆ Estimated radiation dose

2.7 mSv per day (maximum)

## 2. Investigation Overview

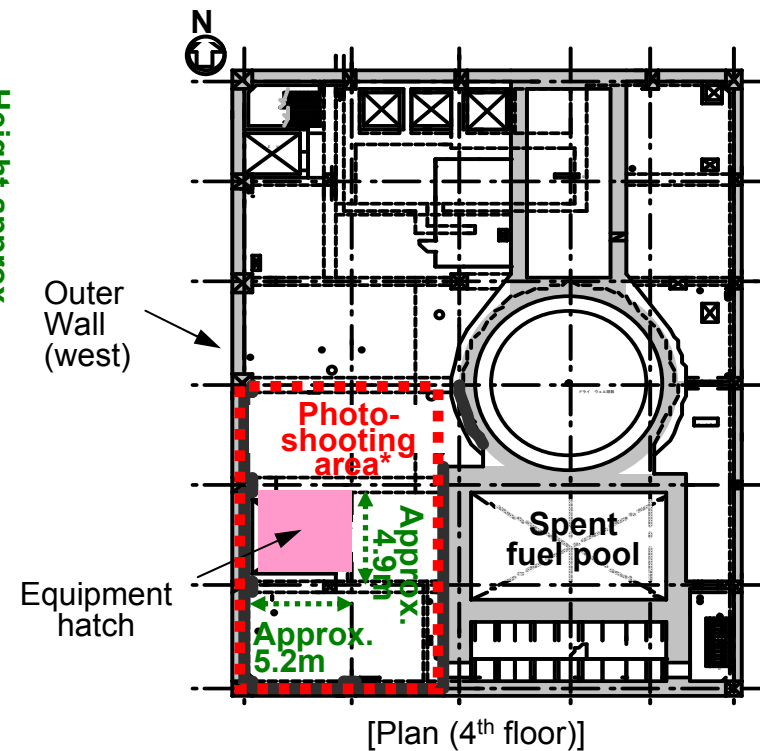


### □ Camera and light

- 2 Cameras (1 for preliminary)
- 2 Lighting fixtures

### □ Lifting device (expandable pole of air system)

- Elasticity : (Maximum) approx. 24m
- Weight: Approx. 650kg



\*Due to some existing facilities in this area, the photo-shooting area will be limited.

# 3.Reference Fuel removal from spent fuel pool and debris removal plan (Unit1)

