Debris Removal from Unit 3 Reactor Building at Fukushima Daiichi Nuclear Power Station

Remote control system for heavy machinery used for demolition

Optical cable

Remote control room

Remote control heavy machinery used for demolition

Stationary camera

Camera attached on top of the boom

Remotely controlled heavy machinery used for demolition

Stationary camera

Platform

Unit 3 Reactor Building

Optical cable

Communication station

Remotely controlled large crane

Camera

Approx. 70m

Tokyo Electric Power Company

September 24, 2012
Heavy Machineries Used for Debris Removal (Examples)

**Oil pressure fork lift**
Used for grabbing and lifting up and down the steel materials

**Oil pressure grab bucket**
Used for scooping up the debris on the slabs

**Oil pressure cutter**
Used for cutting the roof truss and overhead traveling crane

**Oil pressure pliers**
Used for removing scattered debris
Conditions before debris removal and the current conditions

Before debris removal
Photo taken on November 10, 2011 by TEPCO

Current condition
Photo taken on September 21, 2012 by TEPCO