

Inspection Results of Unit 5 Residual Heat Removal System Seawater Pump (C) at Fukushima Daiichi Nuclear Power Station

< Reference >
 December 5, 2012
 Tokyo Electric Power Company

< Outline >

Unit 5 residual heat removal system seawater pump (C) was disassembled and inspected from November 20 as flow rate decrease was found on November 11, 2012. Since pieces of vinyl and wood were found inside the pump, they have been removed. As a result of investigation using an underwater camera, pieces of vinyl and wood were found on the floor surface near where the pump was installed, and they have been removed by an underwater vacuum. Trial operation of the pump is planned to be performed on December 7, 2012 since no other problem was found.

N

Sea

Water intake channel

RHRS pumps

C **A**

CW pumps

A **B** **C**

RHRS pumps

B **D**

The pump that flow rate decrease was found

*RHRS pump: Residual heat removal system seawater pump
 CW pump: Circulating water pump

Full view of the pump

First stage impeller

Inside of the fourth stage guide casing

Fourth stage impeller

Piece of wood found in the fourth stage impeller

Photo taken on November 21, photos - taken on November 22 by TEPCO