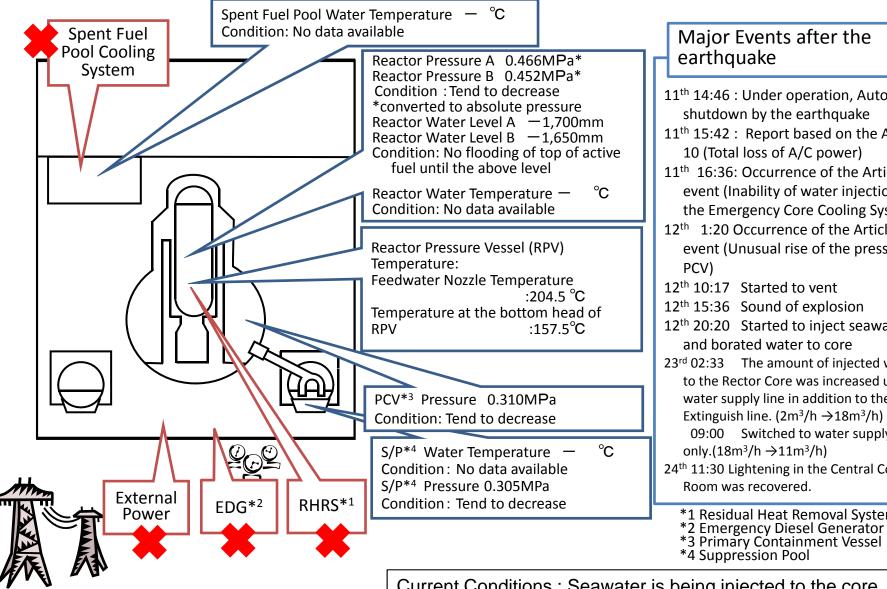
## Conditions of Fukushima Dai-ichi Nuclear Power Station Unit 1

(As of 06:10 March 25th, 2011)



## Major Events after the

11<sup>th</sup> 14:46: Under operation, Automatic shutdown by the earthquake

11<sup>th</sup> 15:42: Report based on the Article 10 (Total loss of A/C power)

11<sup>th</sup> 16:36: Occurrence of the Article 15 event (Inability of water injection of the Emergency Core Cooling System )

12<sup>th</sup> 1:20 Occurrence of the Article 15 event (Unusual rise of the pressure in

12<sup>th</sup> 10:17 Started to vent

12<sup>th</sup> 15:36 Sound of explosion

12<sup>th</sup> 20:20 Started to inject seawater and borated water to core

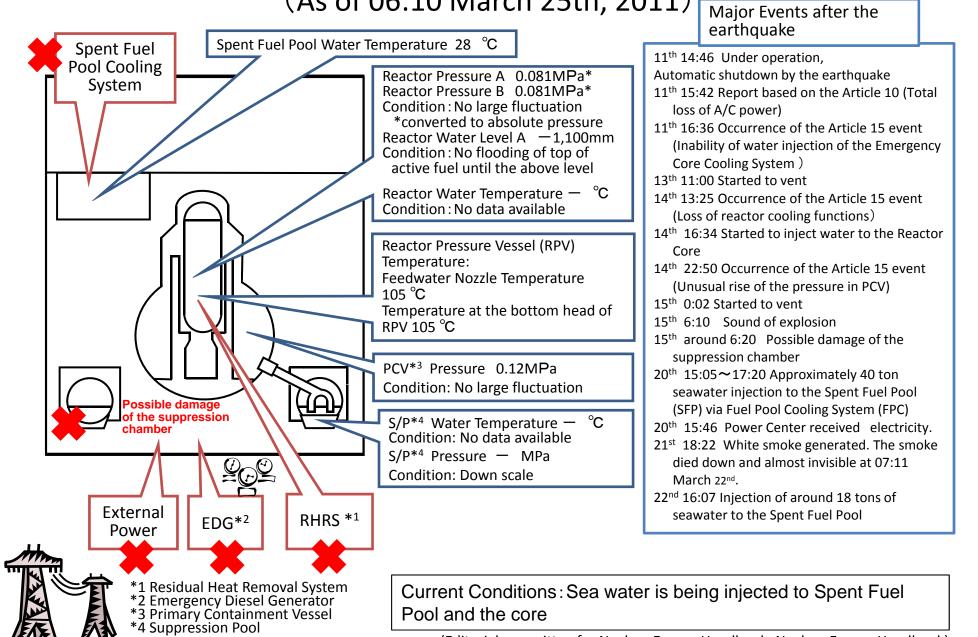
23<sup>rd</sup> 02:33 The amount of injected water to the Rector Core was increased utilizing water supply line in addition to the Fire Extinguish line.  $(2m^3/h \rightarrow 18m^3/h)$ 09:00 Switched to water supply line only.(18m<sup>3</sup>/h $\rightarrow$ 11m<sup>3</sup>/h)

24<sup>th</sup> 11:30 Lightening in the Central Control Room was recovered.

- \*1 Residual Heat Removal System

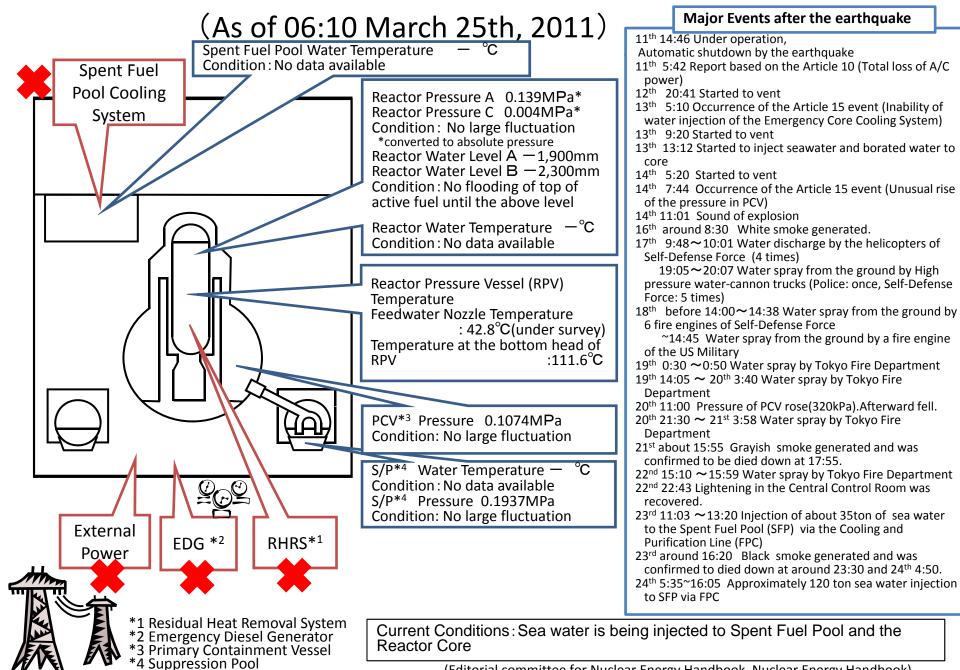
Current Conditions: Seawater is being injected to the core

Conditions of Fukushima Dai-ichi Nuclear Power Station Unit 2 (As of 06:10 March 25th, 2011)



Pool and the core

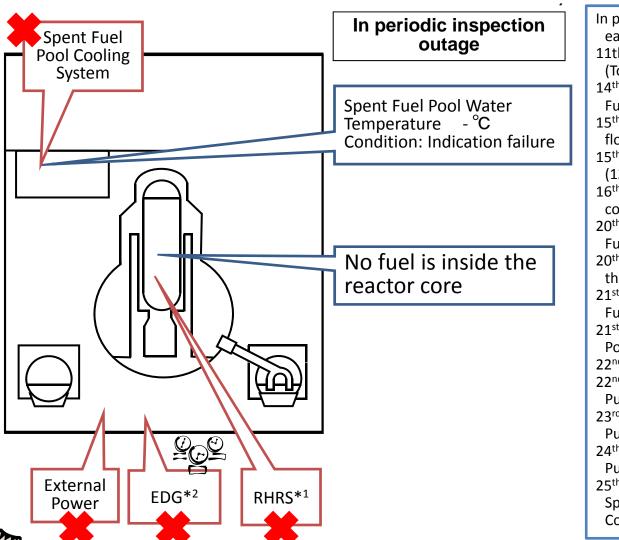
### Conditions of Fukushima Dai-ichi Nuclear Power Station Unit 3



### Conditions of Fukushima Dai-ichi Nuclear Power Station Unit 4

(As of 06:10 March 25th, 2011)

Major events after the earthquake



\*1 Residual Heat Removal System

\*2 Emergency Diesel Generator

\*3 Reactor Pressure Vessel

In periodic inspection outage when the earthquake occurred.

11th 15:42 Report based on the Article 10 (Total loss of A/C power)

14<sup>th</sup> 4:08 Water temperature in the Spent Fuel Pool, 84°C

15<sup>th</sup> 6:14 Partial damage of wall in the 4<sup>th</sup> floor confirmed

15<sup>th</sup> 9:38 Fire occurred in the 3<sup>rd</sup> floor. (12:25 extinguished)

16<sup>th</sup> 5:45 Fire occurred. TEPCO couldn't confirm any fire on the ground. (6:15)

20<sup>th</sup> 8:21~9:40 Water spray over the Spent Fuel Pool by Self-Defense Force

20<sup>th</sup> around 18:30~19:46 Water spray over the Spent Fuel Pool by Self-Defense Force

21st 6:37~8:41 Water spray over the Spent Fuel Pool by Self-Defense Force

21st about 15:00 Work for laying cable to Power Center was completed.

22<sup>nd</sup> 10:35 Power Center received electricity

22<sup>nd</sup> 17:17~20:32 Water spray by Concrete Pump Track

23<sup>rd</sup> 10:00~13:02 Water spray by Concrete Pump Track

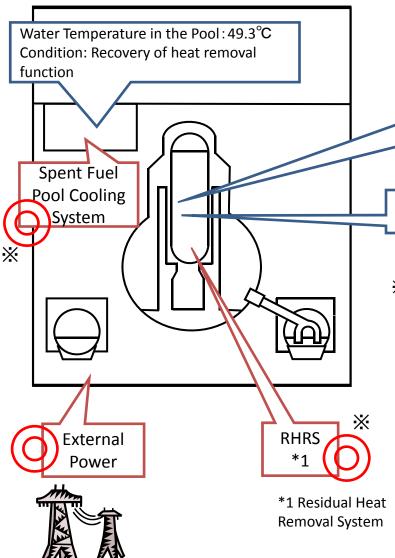
24<sup>th</sup> 14:36~17:30 Water spray by Concrete Pump Track

25<sup>th</sup> 6:05 Started sea water injection to the Spent Fuel Pool (SFP) via the Fuel Pool Cooling (FPC) and Purification Line

Current Conditions: No fuel is in RPV\*3. Started sea water injection to Spent Fuel Pool.

# Conditions of Fukushima Dai-ichi Nuclear Power Station Unit 5 (As of 06:10 March 25th, 2011)

#### In periodic inspection outage



Reactor Pressure: 0.108MPa\*
Reactor Water Level: 2,443mm

Reactor Water Temperature: 65.8°C Condition: Pressure is under control. \*converted to absolute pressure

Reactor Pressure Vessel Temperature: Monitoring by Reactor Water Temperature

\*Heat removal was carried out alternately with the water in the Reactor Core and in the Spent Fuel Pool.

#### **Current Conditions:**

Cold shutdown at 14:30 March 20th.

Receiving electricity from external power supply from 11:36 March 21<sup>st</sup>.

Pump for Residual Heat Removal Seawater System (RHRS) was automatically stopped when the power supply was switched from the temporary to the permanent at 17:24 March 23<sup>rd</sup>.

Repair of the RHRS pump was completed at 16:14 March 24<sup>th</sup>. Cooling started at 16:35 March 24<sup>th</sup>.

# Conditions of Fukushima Dai-ichi Nuclear Power Station Unit 6 (As of 06:10 March 25th, 2011)

### In periodic inspection outage

