Earthquake Report – JAIF

No. 6
Status of Unit-2 of Fukushima #1 power station, as of 09:00, March 15, 2011

March 15 around 08:30 Local Time
TEPCO announced that radiation of 8217 micro sievert was observed at the border of the site.

March 15 around 08:00 Local Time
Nuclear and Industrial Safety Agency, NISA for short, explain the status of Unit-2 of Fukushima #1 power station as follows.
Around 06:10, Sound of explosion was heard. Radiation of 965.5 micro sievert was observed just after the sound. Also pressure of the suppression pool inside the containment changed from 3k Pa.

AT the same time TEPCO announced at its own briefing as follows.
Sound of explosion was heard around 06:10 and TEPCO confirmed pressure decrease at the suppression pool.
TEPCO is continuing seawater injection to the reactor pressure vessel. Workers who are not engaged in seawater injecting operation were evacuated.

March 15 around Midnight
There are some news reports that said inside the reactor vessel was completely dried out temporarily.

March 14 around 20:50 Local Time
TEPCO announced that it is presumed that some fuel rods are broken based on radiation detected in the environment.

March 14 around 20:40 Local Time
TEPCO announced the status of Unit-2 of Fukushima #1 power station as follows.
Seawater injection started after water level reached the top of fuel rods. TEPCO confirmed that seawater reached inside the reactor based on related data. However, water level continues to decease.
Given this situation, TEPCO prepare opening for venting the containment vessel.

March 14 around 16:25 Local Time
Nuclear and Industrial Safety Agency, NISA for short, explain the process at as follows.
Before 13:25: The reactor core has been cooled with Reactor Core Isolation Cooling System or RCIC for short.
At 13:25 : RCIC was stopped after the containment vessel pressure increase. Pressure of the reactor pressure vessel have reached at 7MPa and is increasing
TEPCO is now preparing for decreasing pressure inside the reactor pressure vessel by opening pressure relief valve to the containment vessel and the valve for venting the containment vessel.
Also TEPCO considers seawater injection to the reactor through RCIC.

End