

Earthquake Report - JAIF

No. 7

Status of Fukushima #1 power station as of 11:00, March 15, 2011

The prime minister gave message to the public and the chief cabinet secretary reported the status of Fukushima #1 power station. Summary of these talks is as follows.

○Message from the Prime Minister (Summary)

- Please receive this message in a non-emotional manner.
- These nuclear reactors were shutdown and diesel generators are not functional because of the earthquake and Tsunami.
- I have asked evacuation to people who live within 20 km of the power station.
- In addition to this, I also would like to ask people who live 20 km outside and 30km within the power station stay in house.
- We are trying the best not to release radioactive nuclides further. TEPCO is trying the best to inject water, while braving the risk.
- I am sorry that I have caused so many worries. I would like all of you to act in a level-headed manner.

○Report from the chief cabinet secretary (Summary)

- Fire broke at unit-4 nuclear power plant. Unit-4 was out of service at the time earthquake occurred. It is presumed that the fuels stored in the spent fuel pit were heated by itself and hydrogen was generated from these fuels and explosion occurred. It is also presumed that radioactive nuclides are released to the environment directly through the broken building. We are trying to put fire to make things stable.
- It is presumed that the suppression pool is partially damaged and small amount of radionuclide released from the flaw. We can probably guess that visible fume from unit-2 is steam from the suppression pool.
- Water injection continues at unit-1, unit-2 and unit-3. The first priority is to maintain this status and handle the issue of unit-4.
- Radiological observations in the environment are as follows. These values are observation in the vicinity of the spots radio nuclides are released from. The level becomes smaller with increasing distance.
30 mSv/hr between unit-2 and unit-3
400 mSv/hr between unit-3 and unit-4
100 mSv/hr in the vicinity of unit-4
- 50 out of 800 TEPCO workers are engaged in water injection operation. The others have been evacuated.
- People who live within 20 km of the power station were asked evacuation. People who live 20 km outside and 30km within the power station should stay inside, shut windows and keep airtight.

End