

Extract



### April 18, 2011 Nuclear and Industrial Safety Agency

#### Seismic Damage Information (the 99th Release) (As of <u>08:00 April 18th</u>, 2011)

Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Onagawa NPS, Tohoku Electric Power Co. Inc.; Fukushima Dai-ichi and Fukushima Dai-ni NPSs, Tokyo Electric Power Co. Inc. (TEPCO); Tokai Dai-ni NPS, Japan Atomic Power Co. Inc. as follows:

Major updates are as follows.

- 1. Nuclear Power Stations (NPSs)
  - Fukushima Dai-ichi NPS
  - Confirmation of situation, etc. using an unmanned robot at the reactor building of Unit 1 was carried out. (From 16:00 till 17:30 April 17th)
  - Confirmation of situation, etc. using an unmanned robot at the reactor building of Unit 3 was carried out. (From 11:30 till 14:00 April 17th)
  - In order to cool the Spent Fuel Pool of Unit 4, the Fresh water spray of around 140t using Concrete Pump Truck (62m class) was carried out. (From 17:39 till 21:22 April 17th)
  - Regarding the Common Spent Fuel Pool, power supply was stopped due to short-circuiting of the end of the power supply circuit. (14:34 April 17th) Thereafter the facility inspection was carried out and the power supply was recovered. (17:30 April 17th)
  - As of 05:15 April 17th, water temperature of the Common Spent Fuel Pool was around 34 $^\circ\!\mathrm{C}.$
  - The test implementation of spraying anti-scattering agent to prevent the spread of radioactive materials on the ground surface was carried out, in the area of about 1,900 m<sup>2</sup> on the mountain-side of the Radioactive Waste Treatment Facilities (From 10:00 till 13:30 April



17th).

 Removal of rubble (Amount equivalent to 2 containers) using remote-control heavy machineries was carried out. (From 9:00 till 16:00 April 17th)

<Directives regarding foods and drinks>

Items under the suspension of shipment and restriction of intake were updated. (As of 08:00 April 18th)



Extract



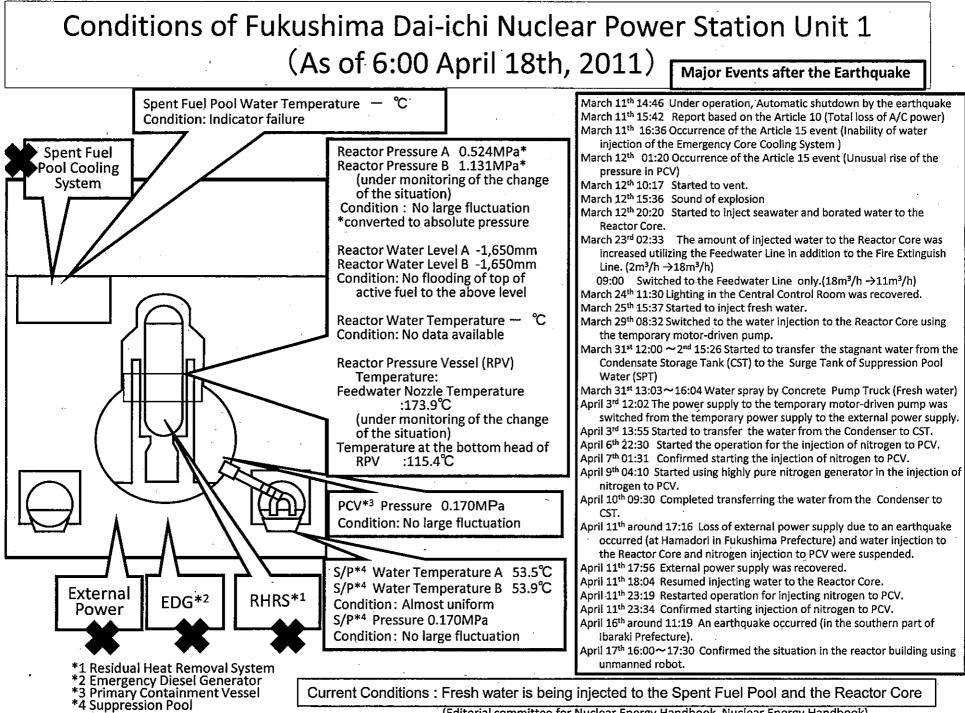
## April 18, 2011 Nuclear and Industrial Safety Agency

### Seismic Damage Information (the 100th Release) (As of <u>15:00 April 18th</u>, 2011)

Nuclear and Industrial Safety Agency (NISA) confirmed the current situation of Onagawa NPS, Tohoku Electric Power Co. Inc.; Fukushima Dai-ichi and Fukushima Dai-ni NPSs, Tokyo Electric Power Co. Inc. (TEPCO); Tokai Dai-ni NPS, Japan Atomic Power Co. Inc. as follows:

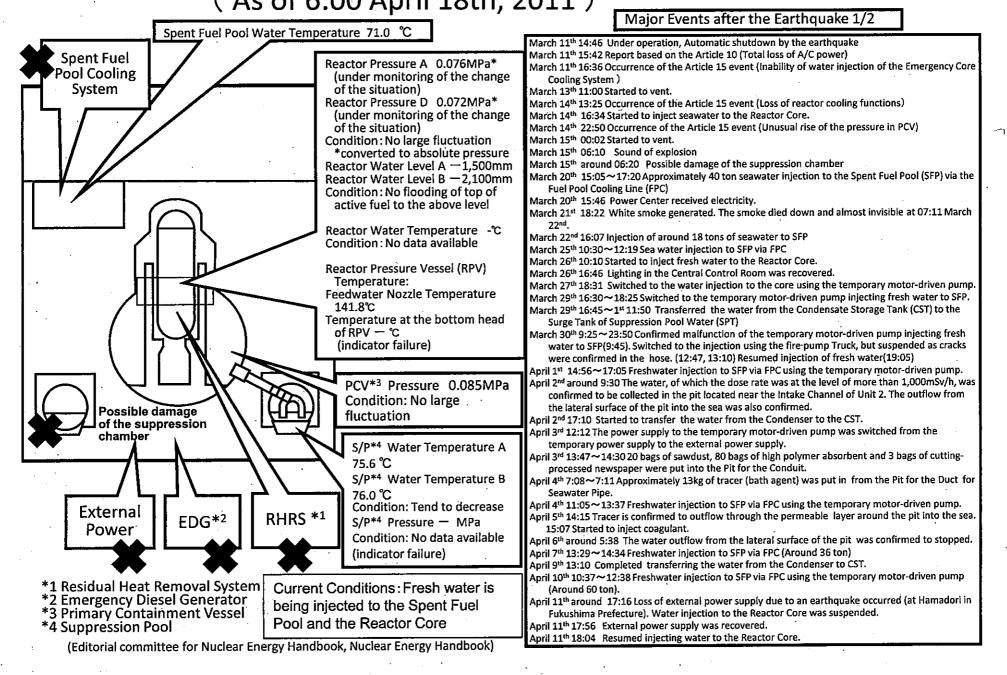
Major updates are as follows.

- 1. Nuclear Power Stations (NPSs)
  - Fukushima Dai-ichi NPS
  - Confirmation of situation, etc. using an unmanned robot at the reactor building of Unit 2 was carried out. (From 13:42 till 14:33 April 18th)
  - Fresh water spray over the Spent Fuel Pool of Unit 3 using Concrete Pump Truck (62m class) was started. (From 14:17 April 18th)
  - In order to replace the hose used for water injection to the reactors of Units 1 to 3 with a new one, the pumps for water injection were stopped. (From 11:50 till 13:05 April 18th)
  - The test implementation of spraying anti-scattering agent to prevent the spread of radioactive materials on the ground surface was carried out in the area of about 1,200m<sup>2</sup> around the Radioactive Waste Treatment Facilities. (From 09:00 till 14:30 April 18th)



(Editorial committee for Nuclear Energy Handbook, Nuclear Energy Handbook)

## Conditions of Fukushima Dai-ichi Nuclear Power Station Unit 2 ( As of 6:00 April 18th, 2011 )



## Major Events after the Earthquake 2/2

April 12<sup>th</sup> 19:35~April 13<sup>th</sup> 17:04 Transfer from the trench of the turbine building to the Condenser.

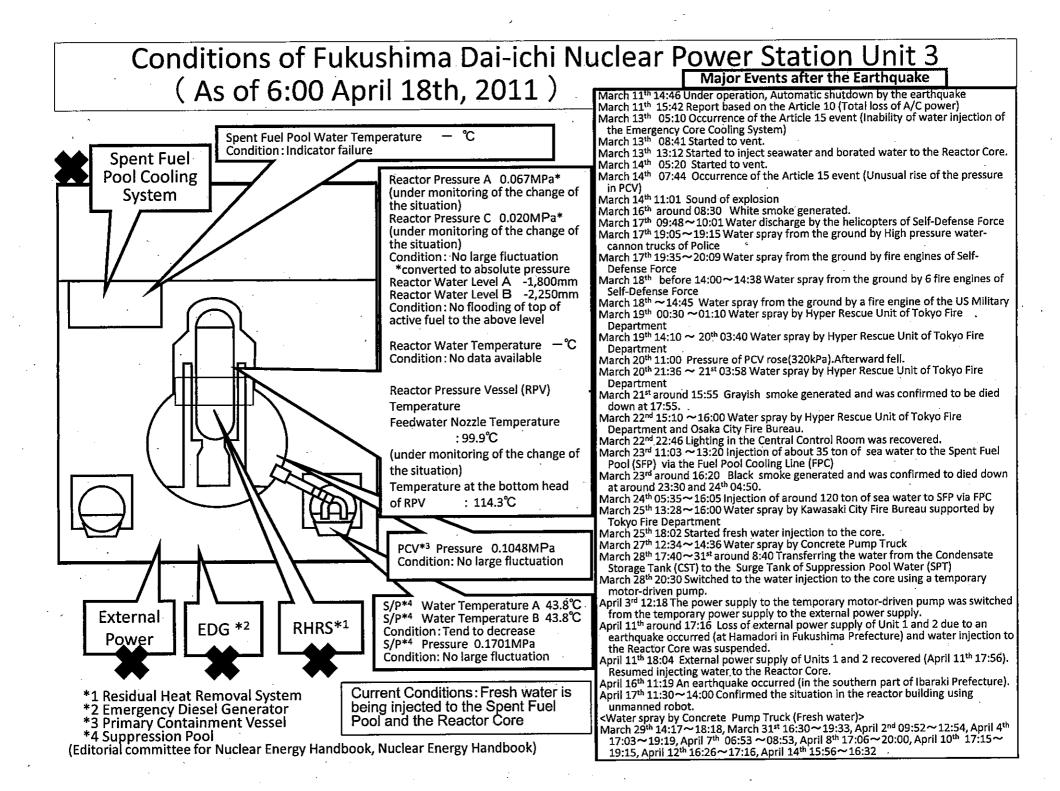
April 13<sup>th</sup> 11:00 Suspended the transfer for checking leaks, etc.

April 13<sup>th</sup> 13:15~14:55 Freshwater injection to SFP via FPC using the temporary motor-driven pump.

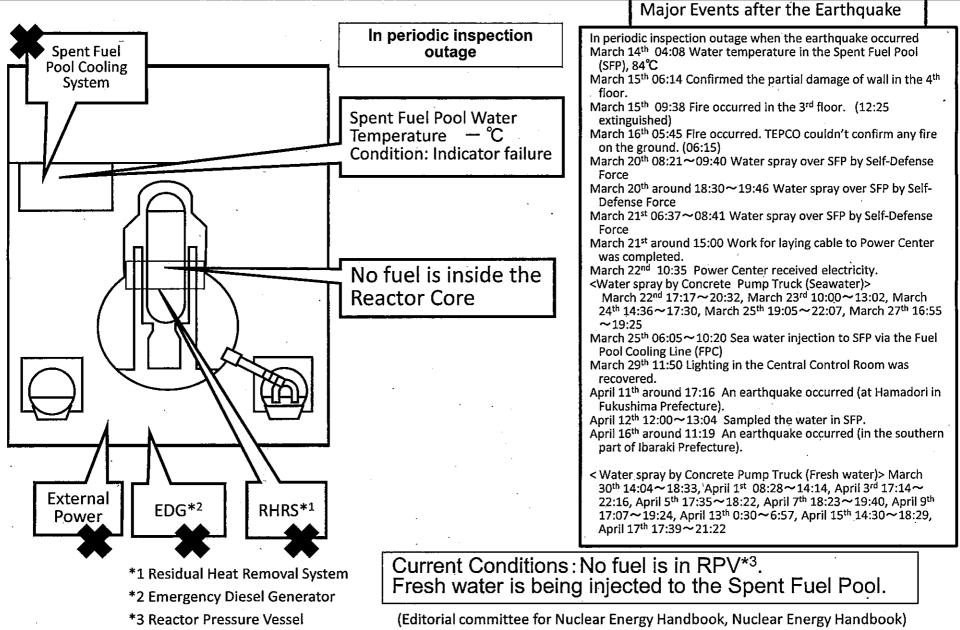
April 16th 10:13~11:54 Freshwater injection to SFP via FPC using the temporary motor-driven pump. (The temporary motor-

driven pump stopped at 11:39 due to an earthquake that occurred at around 11:19. SFP was confirmed to be filled to capacity through observing a rise of the water level in the Skimmer Tank.)

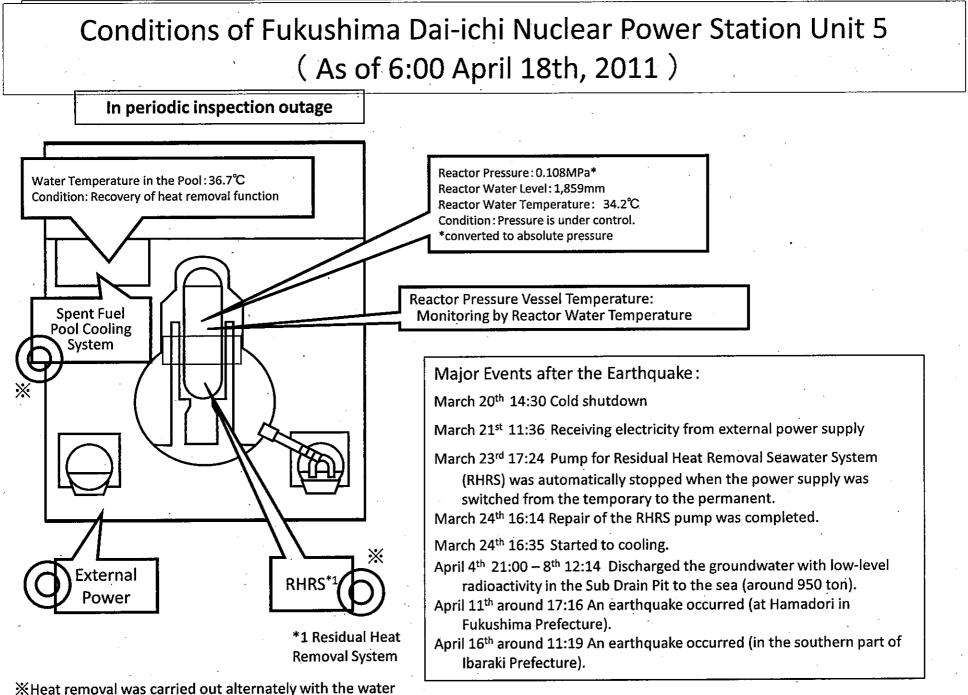
April 16<sup>th</sup> around 11:19 An earthquake occurred (in the southern part of Ibaraki Prefecture).



# Conditions of Fukushima Dai-ichi Nuclear Power Station Unit 4 ( As of 6:00 April 18th, 2011 )



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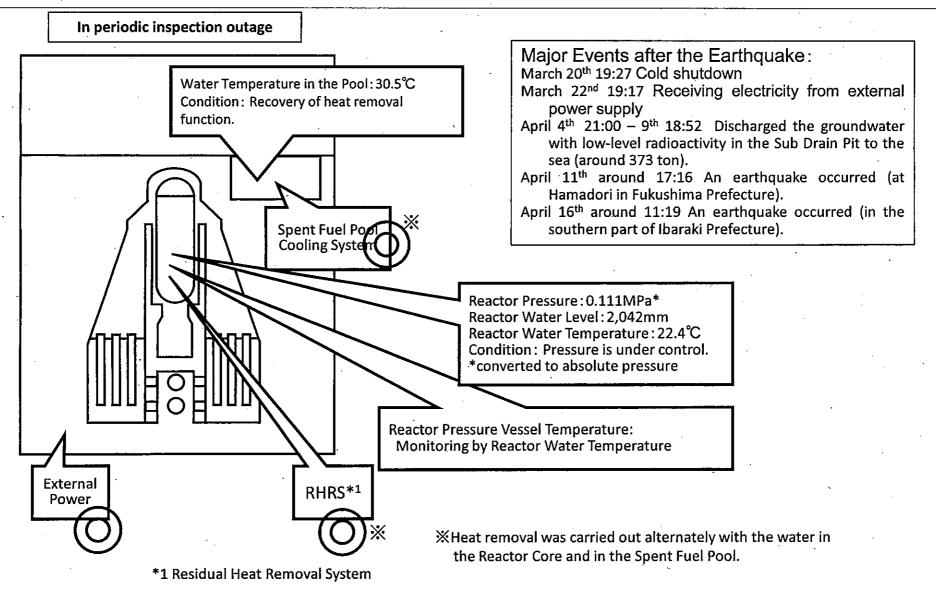


in the Reactor Core and in the Spent Fuel Pool.

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(Editorial committee for Nuclear Energy Handbook, Nuclear Energy Handbook)

# Conditions of Fukushima Dai-ichi Nuclear Power Station Unit 6 ( As of 6:00 April 18th, 2011 )



(Editorial committee for Nuclear Energy Handbook, Nuclear Energy Handbook)