

**RESUME: Status of Fukushima I at 21:00 on 23 March\***

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Power output ( <a href="#">MWe</a> )	460	784	784	784	784	1100
Type of reactor	BWR-3	BWR-4	BWR-4	BWR-4	BWR-4	BWR-5
Status at earthquake	In service -> shutdown	In service -> shutdown	In service -> shutdown	Outage	Outage	Outage
Core and Fuel Integrity (Loaded fuel assemblies)	Damaged (400)	Damaged (548)	Damaged (548)	No fuel rods	Not damaged (548)	Not damaged (764)
Pressure vessel integrity	Unknown	Unknown	Unknown	Not damaged	Not damaged	Not damaged
Containment integrity	Not damaged	Damage suspected	Might be "Not damaged"	Not damaged	Not damaged	Not damaged
Core cooling system 1 (ECCS/RHR)	Not functional	Not functional	Not functional	Not necessary	Functional	Functional
Core cooling system 2 (RCIC/MUWC)	Not functional	Not functional	Not functional	Not necessary	Functioning (in cold shutdown)	Functioning (in cold shutdown)
Building integrity	Severely damaged	Slightly damaged	Severely damaged	Severely damaged	Vent hole opened on rooftop to prevent hydrogen explosion	Vent hole opened on rooftop to prevent hydrogen explosion
Reactor pressure vessel, water level	Fuel exposed	Fuel exposed	Fuel exposed	Safe	Safe	Safe
Reactor pressure vessel, pressure	Stable	Unknown	Unknown	Safe	Safe	Safe
Containment pressure	Stable	Stable	Decreasing after Mar. 20th increase	Safe	Safe	Safe
Seawater injection into core	Continuing	Continuing	Continuing	Not necessary	Not necessary	Not necessary
Seawater injection into containment building	(confirming)	To be decided	(confirming)	Not necessary	Not necessary	Not necessary

Containment venting	Temporarily stopped	Temporarily stopped	Temporarily stopped	Not necessary	Not necessary	Not necessary
Integrity of fuel in Spent Fuel Pool (Stored spent fuel assemblies)	Unknown (292)	Unknown (587)	Possibly damaged (514)	Possibly damaged (1331)	Not Damaged (946)	Not Damaged (876)
Cooling of the Spent Fuel Pool (SFP)	Water injection to be considered	Seawater Injection conducted on Mar. 20th	Water level low, Water injection continuing, effectiveness has been confirmed	Water level low, Water injection continuing, Hydrogen from SFP exploded	Pool cooling capability was recovered	Pool cooling capability was recovered
Main Control Room Habitability & Operability	Poor due to loss of AC power	Poor due to loss of AC power	Poor due to loss of AC power (Lighting has been recovered)	Poor due to loss of AC power (Lighting has been recovered)	Not damaged (estimate)	Not damaged (estimate)
Environmental effect (NPS border)	The Main Gate: 265.4 $\mu\text{Sv/h}$ at 15:00, Mar. 23. Radioactive nuclides exceeding the legal standard were detected in milk produced in Fukushima and Ibaraki prefectures and spinach and some other vegetables produced in Fukushima, Ibaraki and other prefectures. Also, radioactive Iodine exceeding the standard set by Nuclear Safety Commission was detected in tap water in Fukushima prefecture. The level of the radioactivity detected is low enough not to do harm to the health of people who take those products or water for a limited time. Monitoring results of seawater sampled at coasts in the surrounding area of the station showed that radioactive Iodine, I-131, and Cesium, Cs-134, 137, exceeding the regulatory limit were detected.					
Evacuation radius	20 km from Nuclear Power Station (NPS). People who live between 20 km to 30 km from the Fukushima I Nuclear Power Station are to stay indoors.					
INES (estimated by NISA)	Level 5	Level 5	Level 5	Level 3	-	-
Remarks	<p>Immediate threat is damage of the fuels in the fuel pool outside the containment vessel. The operation for spraying water to the pool is continuing at Unit 3 and 4.</p> <p>Work to recover AC power for Unit 1 through 6 is in progress. External AC power has reached to Unit 2, 4, 5 and 6 and is now available in all the units. Integrity check of electric equipment is going on in each unit, which must be done before energizing them. Lighting has been recovered at Unit 3 Main Control Room. External AC power has replaced the emergency diesel generator in Unit 5 and 6.</p>					

\*Sumber: <http://en.wikipedia.org>