

Status of nuclear power plants in Fukushima as of 20:30 March 14 (Estimated by JAIF)

Power Station	Fukushima #1 Nuclear Power Station					
Unit	1	2	3	4	5	6
Power output (MWe)	460	784	784	784	784	1100
Type of Reactor	BWR-3	BWR-4	BWR-4	BWR-4	BWR-4	BWR-5
Operation Status at the earthquake occurred	Service	Service	Service	Outage	Outage	Outage
Fuel Integrity	Damaged	Unknown	Damaged	Not Damaged	Not Damaged	Not Damaged
Containment Integrity	Not Damaged	Not Damaged	Not Damaged	Not Damaged	Not Damaged	Not Damaged
Core coolabilit-1 (ECCS/RHR)	Not Functional	Not Functional	Not Functional	Not necessary	Not necessary	Not necessary
Core coolabilit-2 (RCIC/MUWC)	Not Functional	Not Functional	Not Functional	Not necessary	Not necessary	Not necessary
Building Integrity	Damaged	Not Damaged	Damaged	Not Damaged	Not Damaged	Not Damaged
Environmental effect	Radiation monitor detect radiation increase in the environment (NPS border: 15 $\mu$ Sv/h at 13:55)					
water level of the pressure vessel	Unknown	Low (Recovering)	Unknown	Safe	Safe	Safe
pressure of the pressure vessel	Stable	Unknown	Stable	Safe	Safe	Safe
Containment pressure	Stable	Increasing	Stable	Safe	Safe	Safe
Sea water injection to core	Suspended	Done	Done	Not necessary	Not necessary	Not necessary
Containment venting	Done	Preparing	Done	Not necessary	Not necessary	Not necessary
Evacuation Area	20km from NPS					
INES	Level 4 (estimated by NISA)					

Power Station	Fukushima #2 Nuclear Power Station			
Unit	1	2	3	4
Power output (MWe)	1100	1100	1100	1100
Type of Reactor	BWR-5	BWR-5	BWR-5	BWR-5
Operation Status at the earthquake occurred	Service	Service	Service	Service
Fuel Integrity	Not Damaged	Not Damaged	Not Damaged	Not Damaged
Containment Integrity	Not Damaged	Not Damaged	Not Damaged	Not Damaged
Core coolabilit-1 (ECCS/RHR)	Functioning	Not Functional	Functioning	Not Functional
Core coolabilit-2 (RCIC/MUWC)	Not necessary	Functioning	Not necessary	Functioning
Building Integrity	Not Damaged	Not Damaged	Not Damaged	Not Damaged
Environmental effect	Stable (NPS border: 0.038 $\mu$ Sv/h at 16:00)			
water level of the pressure vessel	(No info )	(No info )	(No info )	(No info )
pressure of the pressure vessel	(No info )	(No info )	(No info )	(No info )
Containment pressure	(No info )	Increasing	(No info )	Increasing
Sea water injection to core	Not necessary	to be decided	Not necessary	to be decided
Containment venting	Not necessary	to be decided	Not necessary	to be decided
Evacuation Area	10km from NPS			
INES	(No Info)			

[Source]

[Governmental Emergency Headquarters: News Release \(13:30\), Press conference \(11:45, 16:15\)](#)

[NISA: News Release \(7:30\)](#)

Tokyo Electric Power Co.: Press Release (16:00, 17:35), Press Conference (12:10, 20:00)

[Color Classification]

: normal, good

: need caution

: need to be recovered

[Abbreviations]

ECCS: Emergency Core Cooling System  
RHR: Residual Heat Removal System  
RCIC: Reactor Core Isolation Cooling System  
MUWC: Make-Up Water Condensate System  
INES: International Nuclear Event Scale  
NISA: Nuclear and Industrial Safety Agency