

# Timeline of the Fukushima Daini nuclear accidents

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(Redirected from Timeline of the Fukushima II nuclear accidents)

*See also: Timeline of the Fukushima I nuclear accidents, Fukushima II Nuclear Power Plant, and 2011 Japanese nuclear incidents*

The Fukushima II nuclear accidents occurred after the 9.0 magnitude 2011 Tōhoku earthquake and tsunami on 11 March. This offshore earthquake near the island of Honshu<sup>[1]</sup> produced a large tsunami in Japan, and a tsunami warning for over 20 countries. The earthquake triggered the shut down all four of the reactors at the Fukushima II Nuclear Power Plant (Fukushima Dai-Ni) (Dai-Ni or Daini means "number two") and limited problems. By contrast, 11.5 kilometres (7.1 mi) away at the Fukushima I Nuclear Power Plant (Fukushima Dai-Ichi), one of the worst nuclear accidents in history unfolded.

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## Timeline

Times are given in Japan Standard Time (JST), unless noted, which is UTC plus nine hours.

### Friday, 11 March

14:46

A 9.0 magnitude earthquake strikes off the coast of Honshu Island at a depth of about 24 kilometres (15 mi).

??:??

Tsunami.

16:00

The Nuclear and Industrial Safety Agency of Japan (NISA) initiates an emergency headquarters in an attempt to gather information on the 55 nuclear reactors in Japan.<sup>[2]</sup> There is no report that radiation was detected outside plant borders.<sup>[3]</sup>

### Saturday, 12 March

04:30

Officials declare a heightened state of alert for Fukushima II and a state of nuclear emergency for Fukushima I.<sup>[4]</sup>

15:30

Evacuation of residents within 3 km of Fukushima II and within 10 km of Fukushima I are underway.<sup>[4]</sup>

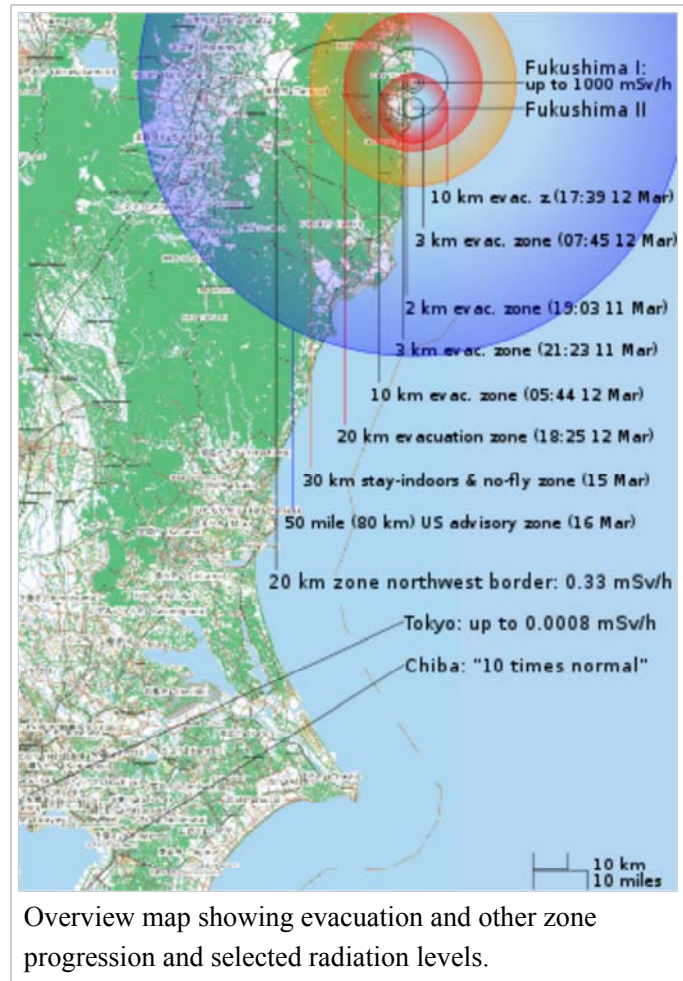
21:40

The evacuation zone around Fukushima I is extended to 20 km, while the evacuation zone around Fukushima II is extended to 10 km.<sup>[4]</sup>

### Sunday, 13 March

10:35

Fukushima II Unit 3 is confirmed as shutdown, cold and safe.<sup>[4]</sup>  
 At Fukushima II, one worker is confirmed to have died in a crane accident, with four others injured.<sup>[4]</sup> Fukushima II Units 1, 2, and 4 were being powered by offsite power.<sup>[4]</sup>



### Monday, 14 March

13:15

Fukushima II Unit 1 cooling system has been restored, with work continuing on Units 2 and 4.<sup>[4]</sup>

### Tuesday, 15 March

11:35

At Fukushima II all units (1, 2, 3, and 4) reached cold shutdown.

### Wednesday, 16 March

19:50

The radiation level at Fukushima II power station (10km south of Fukushima I) is measured at 28.6  $\mu$ Sv/hour. ref  
 ([http://www.jaif.or.jp/english/news\\_images/pdf/ENGNEWS01\\_1300322727P.pdf](http://www.jaif.or.jp/english/news_images/pdf/ENGNEWS01_1300322727P.pdf))

## Wednesday, 30 March

Smoke escaped from the Fukushima II nuclear plant. The smoke was being emitted from equipment which supplies power to a motor pump that collects outdoor water and stopped after workers turned off the motor.<sup>[5]</sup>

A sound truck driven by members of an Uyoku dantai group deliberately crashed through the front gate to the plant, then drove around the premises for 10 minutes before being stopped. The truck's occupants were arrested and required nuclear decontamination.<sup>[6]</sup>

## Saturday, 2 April

All four reactors of Fukushima II confirmed to be in cold shutdown and should remain that way as long as nothing disrupts the cooling.<sup>[7]</sup>

## See also

- 2011 Japanese nuclear incidents
- Fukushima I nuclear accidents
- 2011 Tōhoku earthquake and tsunami
- List of civilian nuclear incidents (2010s)
- Lists of nuclear disasters and radioactive incidents
- Nuclear safety

## References

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2. ^ "Timeline: Japan power plant crisis" (<http://www.bbc.co.uk/news/science-environment-12722719>) . *BBC News*. 13 March 2011. <http://www.bbc.co.uk/news/science-environment-12722719>. Retrieved 15 March 2011.
3. ^ "Earthquake Report 2" (<http://www.jaif.or.jp/english/aij/member/2011/2011-03-11earthquake2.pdf>) . JAIF. 11 March 2011. <http://www.jaif.or.jp/english/aij/member/2011/2011-03-11earthquake2.pdf>.
4. ^ *a b c d e f g* "IAEA Update on Japan Earthquake" (<http://www.iaea.org/newscenter/news/tsunamiupdate01.html>) . IAEA. March 2011. <http://www.iaea.org/newscenter/news/tsunamiupdate01.html>.
5. ^ [http://www3.nhk.or.jp/daily/english/30\\_42.html](http://www3.nhk.or.jp/daily/english/30_42.html) Smoke from Fukushima Daiichi nuclear plant
6. ^ *Mainichi Shimbun*, "Vehicle tries to enter Fukushima Daiichi plant, breaks into Daiichi plant", 1 April 2011.
7. ^ "3 Week Update on Japan's Nuclear Crisis" (<http://allthingsnuclear.org/post/4283747180/3-week-update-on-japans-nuclear-crisis>) . April 2, 2011. <http://allthingsnuclear.org/post/4283747180/3-week-update-on-japans-nuclear-crisis>. Retrieved April 2, 2011.

## External links

- TEPCO News Releases (<http://www.tepco.co.jp/en/press/corp-com/release/index-e.html>) , Tokyo Electric Power Company
- TEPCO near real-time radiation sensor data in English (<http://www.tepco.co.jp/en/nu/monitoring/index-e.html>) and Japanese (<http://www.tepco.co.jp/nu/monitoring/>) ; brief instructions (<http://blog.michna.com/node/422>) for English-speaking readers on how to interpret the Japanese table data
- NISA Information update (<http://www.nisa.meti.go.jp/english/>) , Nuclear and Industrial Safety Agency, the nuclear safety authority of Japan
- JAIF Information update, Japan Atomic Industrial Forum (<http://www.jaif.or.jp/english/>)
- JAEA Information update (<http://www.jaea.go.jp/english/>) , Japan Atomic Energy Agency
- IAEA Update on Japan Earthquake (<http://www.iaea.org/newscenter/news/tsunamiupdate01.html>) , International Atomic Energy Agency
- Japanese Nuclear Emergency: EPA's Radiation Air Monitoring (<http://xkcd.com/radiation/>)

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