

DigitalGlobe's Continuing Coverage of Japan Earthquake/Tsunami, Focus on Fukushima Daiichi Nuclear Facility:

Satellite Constellation Images Plant Seconds Before and Minutes After Explosion at No.3 Reactor Building

The DigitalGlobe logo features the company name in a white, sans-serif font, with a white arc above the letters 'G' and 'L'.

FirstWatch
Imagery Report, Japan Earthquake/Tsunami

March 2011

FW_0011_2011_03_14

On March 14, 2011 between 11:00 and 11:04 AM local time (02:00 and 02:04 GMT), DigitalGlobe's constellation imaged the Fukushima Daiichi Nuclear Power Plant twice--approximately 1 minute before (see page 5) and approximately 3 minutes after (see slides 6,7 & 8) an explosion at the No. 3 reactor building. This is the second major explosion seen at the facility, following the explosion at the No. 1 reactor building on March 12, 2011 (see page 4).

Substantial damage could be seen to the reactor building, including the upper structure being largely destroyed with the building's roof and side panels blown off. In addition, an extensive smoke and dust plume could be seen drifting east approximately 2 kilometers from the damaged reactor building.

Subscribers to DigitalGlobe's FirstLook service have unprecedented access to pre-and-post event satellite imagery, like that which was used in the creation of this report. Please see DigitalGlobe.com/FirstLook or contact DigitalGlobe Customer Service at +1 303.684.4561 for additional details and ordering information. Coming soon, subscribers to DigitalGlobe's new FirstWatch service will also be able to receive detailed imagery analytic reports that spotlight significant activity seen in the crisis-associated imagery.



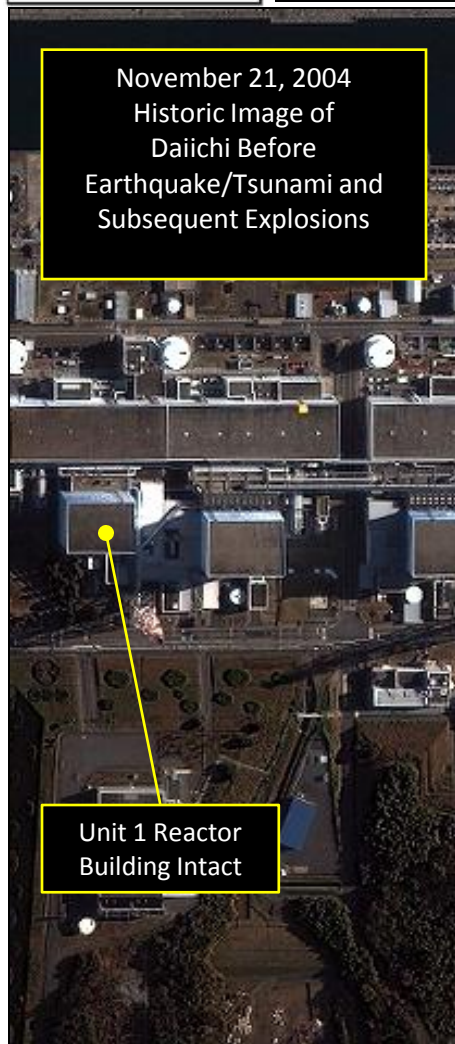
Fukushima Daiichi Nuclear Power Plant

Okuma, Japan

37 25 18N 141 01 56E



November 21, 2004
Historic Image of
Daiichi Before
Earthquake/Tsunami and
Subsequent Explosions



Unit 1 Reactor
Building Intact

DigitalGlobe's Natural Color Satellite Image
November 21, 2004

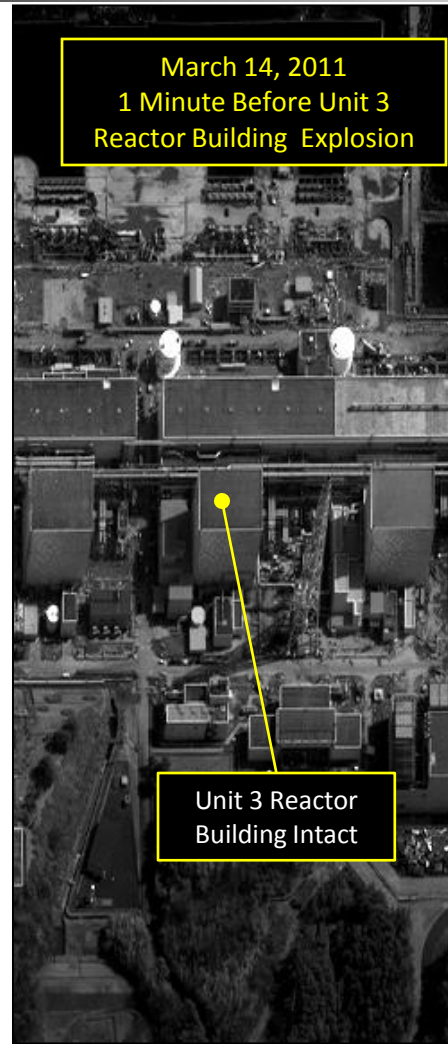
March 13, 2011
After Unit 1 Reactor Building
Explosion



Damaged Unit 1
Reactor Building

DigitalGlobe's Natural Color
Satellite Image
March 13, 2011 (00:52 GMT)

March 14, 2011
1 Minute Before Unit 3
Reactor Building Explosion



Unit 3 Reactor
Building Intact

DigitalGlobe's Panchromatic
Satellite Image
March 14, 2011 (02:00 GMT)

March 14, 2011
3 Minutes After Unit 3
Reactor Building Explosion



Damaged Unit 3
Reactor Building

DigitalGlobe's Natural Color
Satellite Image
March 14, 2011 (02:04 GMT)





Fukushima Daiichi Nuclear Power Plant

Okuma, Japan

37 25 18N 141 01 56E



Historic Image of Daiichi
Before Earthquake/Tsunami and
Subsequent Explosions.



DigitalGlobe's Natural Color Satellite Image
November 21, 2004





Fukushima Daiichi Nuclear Power Plant

Okuma, Japan

37 25 18N 141 01 56E



Before Unit 1
Reactor Building
Explosion

Unit 1 Reactor
Building Intact

Significant Damage to Surface
Structure/Water Intake Screens



DigitalGlobe's Natural Color Satellite Image
March 12, 2011 (01:38 GMT)





Fukushima Daiichi Nuclear Power Plant

Okuma, Japan

37 25 18N 141 01 56E



After Unit 1
Reactor Building
After Explosion

Damaged Unit 1
Reactor Building
(Roof Blown Off)



DigitalGlobe's Natural Color Satellite Image
March 13, 2011 (00:52 GMT)





Fukushima Daiichi Nuclear Power Plant

Okuma, Japan

37 25 18N 141 01 56E



1 Minute Before Unit 3
Reactor Building Explosion

Damaged Unit 1
Reactor Building

Unit 3 Reactor
Building Intact

DigitalGlobe's Panchromatic Satellite Image
March 14, 2011 (02:00 GMT)

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Fukushima Daiichi Nuclear Power Plant

Okuma, Japan

37 25 18N 141 01 56E



3 Minutes After Unit 3
Reactor Building Explosion

Damaged Unit 3 Reactor
Building
(Visible Smoke/Dust Plume
Drifting East Approx 2
kilometers)

DigitalGlobe's Natural Color Satellite Image
March 14, 2011 (02:04 GMT)

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Fukushima Daiichi Nuclear Power Plant

Okuma, Japan

37 25 18N 141 01 56E



3 Minutes After Unit 3
Reactor Building Explosion

Damaged Unit 3 Reactor
Building
(Visible Smoke/Dust
Plume Drifting East)

Damaged Unit 1
Reactor Building

DigitalGlobe's Natural Color Satellite Image
March 14, 2011 (02:04 GMT)

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Fukushima Daiichi Nuclear Power Plant

Okuma, Japan

37 25 18N 141 01 56E



3 Minutes After Unit 3
Reactor Building Explosion

Damaged Unit 3 Reactor
Building
(Roof Blown Off; Panel
Walls Blown Out)

Damaged Unit 1
Reactor Building

Trucks

DigitalGlobe's Natural Color Satellite Image
March 14, 2011 (02:04 GMT)

