Fukushima nuclear plant status report



Reactor 1: Explosion on March 12 blows top off reactor building Reactor core: Possible partial meltdown. Primary containment vessel intact. Radioactive iodine-131 found in seawater discharge

Reactor 2: Explosion on
March 15 breaches primary
containment and torus
Reactor core: Radioactive
water found outside
building suggests
probable meltdown

down side of primary containment Reactor core: Partial meltdown likely. This reactor uses mixture of uranium and plutonium. Plutonium found in soil at five places around plant

Reactor 3: Crack seen

Reactor 4: Shutdown before earthquake. Spent fuel rods overheat causing explosion and release of radioactive steam on March 15. Danger of spent fuel rods cracking open, causing large-scale release of radiation

Reactor 5, 6: Shut before earthquake. Power restored to cooling system of spent fuel storage pool

Sources: Wire agencies, USNRC Reactor Concepts Manual

Reactor Spent fuel storage pool pressure vessel **Primary** containment Secondary containment Suppression pool - torus

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