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global clean energy forum
 Is the world now ready for renewables?
 June 15-16, 2011
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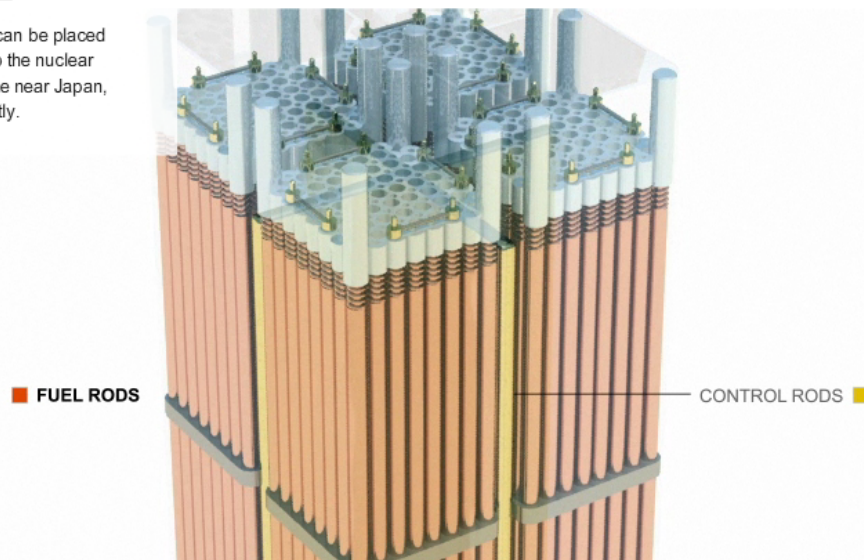
UPDATED March 24, 2011

How a Reactor Shuts Down and What Happens in a Meltdown

The operating reactors at Fukushima Daiichi power station automatically shut down during the earthquake. But after cooling failures, two of them went into partial meltdown.

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In a shutdown, control rods can be placed between the fuel rods to stop the nuclear reaction. After the earthquake near Japan, control rods deployed correctly.



By XAQUÍN G.V., BILL MARSH, DYLAN McCLAIN and GRAHAM ROBERTS | [Send Feedback](#)

Sources: Nuclear Energy Institute; David A. Lochbaum, Union of Concerned Scientists; Margaret Harding, 4 Factor Consulting; Arnold Gunderson, Fairwinds Associates; International Atomic Energy Agency

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