



- Home
- Japan crisis news
- News
- Nuclear Energy Congress
- Features
- Media Pack 2010
- Outage Awards 2011
- Video
- Reactor wallcharts
- Focus
- Jobs
- Company profiles
- Marketplace
- Subscribe Now
- Order Back Issues
- NEI Handbook
- Buyers' Guide
- Events
- Magazine info
- Contact us

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Nuclear Engineering International

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JAPAN CRISIS

As workers enter unit 2, TEPCO recounts events inside unit 4 spent fuel pool

22 June 2011

An investigation of the Fukushima Daiichi unit 2 reactor building ground floor and first floor found radiation levels as high as 430 mSv/hr.



Fukushima Daiichi Unit 2 emergency exit; Image taken on 20 June as reactor building airlock opened

Levels were 42 mSv/hr at the gauge r

- [Water treatment system shut down after only hours of operation](#)
- [TEPCO starts to cover unit 1](#)
- [USNRC reviews and discusses its Fukushima response](#)
- [Eight staff receive dose above emergency maximum](#)

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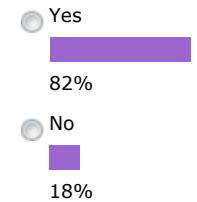
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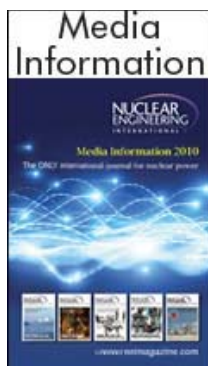
Should all nuclear countries be forced to comply with IAEA nuclear safety rules?



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[Amano calls for stronger, universal safety standards](#)

21 June 2011

The first day of the International Atomic Energy Agency's five-day Ministerial Conference on Nuclear Safety saw Member States adopt a declaration calling for improvements to global nuclear safety.



Amano addresses the ministerial conference on nuclear safety, on 20 June.

<

- [Oldbury 1 to operate for an additional 18 months](#)
- [Less than half of US residents support new nuclear build](#)
- [Studsvik to sell NNL fuel software](#)
- [UK decommissions its first reactor](#)

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TENDERS

[Management of WIPP, USA \(Deadline: 17 August 2011\)](#)

22 June 2011

The U.S. Department of Energy (DOE) has issued a Final Request for Proposal for management and operations of the Waste Isolation Pilot Plan (WIPP) located in Carlsbad, New Mexico. The successful contractor will manage the WIPP site and DOE's National Transuranic Waste (TRU) program.

- [Labour for nuclear submarine repair, USA \(Deadline: 16 July 2011\)](#)
- [Root cause training, USA \(6 July 2011\)](#)
- [Machine tool refurbishment, UK \(Deadline: 8 August 2011\)](#)
- [Canberra wins EUR 1.3 million contract](#)

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[SCADA as you've never seen it before](#)

A universal SCADA developed for nuclear power plants relies on a new approach to data management. By Aleksej Penkov and Zilvinas Binisevicius

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COMMENT

[Security of supply – how does nuclear enhance it?](#)

A recent NEA/OECD report qualifies the concept of security of supply. It concludes that nuclear power has helped increase nations' ability to source their own provisions of energy, although doing so often requires action by the government. By Steve Kidd



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VIEWPOINT

[Smarter uses for plutonium](#)

The UK Department of Energy & Climate Change has a problem with the world's largest stocks of reactor-grade plutonium. The international association Environmentalists for Nuclear Energy view this as a one-time opportunity to benefit several advanced nuclear energy developments, none of which are acknowledged by DECC. By Brendan McNamara



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