CNSC adopts world-class earthquake notification system

Jun 1, 2016 / collaboration (./tag_collaboration), presentation (./tag_presentation)

Summary: CNSC undertakes pilot testing for Canadian version of Nuclear ShakeCast.

Global earthquake notification system developed by the IAEA for Mitigation & Response

In 2008, the IAEA launched the International Seismic Safety Centre (ISSC) to address how external hazards affect the safety of nuclear installations around the world. One important ISSC initiative was the development of the Earthquake Notification System (ENS) used for discovery, processing, and notification of real-time earthquake information at nuclear power plants and research reactors (with power higher than 1 MWt) around the world. The system has been running since November 2010, and was built on the United States Geological Survey's ShakeCast system.

The ISSC has developed a customized version of their software for use by Member States. Based on the Canadian Nuclear Safety Commission (CNSC)'s long involvement with – and support of – the ISSC, CNSC received the pilot ENS version and from May 30 to June 1, 2016, a team of technical specialists from the Engineering Design Assessment Division (EDAD) received administrator training.

Full article can be found on the CNSC web site.

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