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# 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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