



香港核電投資有限公司
Hong Kong Nuclear Investment Co. Ltd

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Hong Kong Nuclear Investment Company Limited Announces a Level 0 Licensing Operational Event at Daya Bay Nuclear Power Station

The Hong Kong Nuclear Investment Company Limited (HKNIC) today announces that a “Below Scale” (also known as Level 0) Licensing Operational Event (LOE) occurred at Daya Bay Nuclear Power Station (Daya Bay) on 12 October (Monday). Below Scale (Level 0) events under the International Nuclear and Radiological Event Scale (INES) (please refer to the attached diagram) carry no nuclear safety significance and they have no impact on the external environment or public safety.

Initial findings of the event were as follows:

An LOE at Level 0 (or Below Scale) on Unit 2 at Daya Bay Nuclear Power Station was confirmed on 12 October 2015. During routine inspection, station staff found that inside one of the rooms in the electrical building, the actuator of a fire suppression gas canister was not set at the operational mode and therefore could not be remotely operated. The other two identical canisters and the fire detection system in the room were operating properly. Subsequent inspection found the same situation at Unit 1. Rectification was made immediately and all the fire suppression gas canisters can now be operated remotely.

The event was classified at “Below Scale” (Level 0) on INES, that is, of no nuclear safety significance. The event did not cause any safety, health and environmental impact to the workers, the surrounding area and the nearby community. The safe operation of Daya Bay was not affected. Daya Bay Nuclear Power Operations & Management Company, Limited (DNMC), the operator of the Daya Bay units, has already notified the National Nuclear Safety Administration about the event.

In line with the notification mechanism established in 2011, DNMC will publish information on non-emergency LOEs through its website (www.dnmc.com.cn) within two working days after an LOE is identified at the power station. HKNIC will, at the same time, upload the summary of the above event to its website (www.hknuclear.com)

for public information. The objective is to strengthen our communication with the public, and further enhance people's understanding of the operation of nuclear power station.

Hong Kong Nuclear Investment Company Limited (HKNIC)

HKNIC is a wholly owned subsidiary of CLP Holdings Ltd. founded in 1983. It is an investor in the Guangdong Nuclear Power Joint Venture Company Ltd., which owns the Guangdong Daya Bay Nuclear Power Station located in China's Guangdong Province. Daya Bay supplies 70% of its annual output to meet about 25% of the power demand in Hong Kong, contributing to CLP's excellent power services with high supply reliability, outstanding environmental performance and affordable tariffs.

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Attachment:

International Nuclear and Radiological Event Scale (INES) Diagram

