



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 16 December (Tuesday). 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:

On 16 December 2014, Unit 1 of Daya Bay Nuclear Power Station was maintained at full power operation. During the implementation of a planned periodic test, malfunction of an electrical relay led to the shutdown of one of the main coolant pumps. The automatic protection system of the reactor was thereby activated, leading to the safe shutdown of Unit 1. The operators took immediate action to conduct inspection and replaced the electrical relay concerned. Unit 1 of Daya Bay Nuclear Power Station was restored to safe operation following the completion of a satisfactory inspection according to specifications. Presently the reactor units of Daya Bay Nuclear Power Station remain safe and stable. The event has no impact on the supply of electricity to Hong Kong customers.

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

