



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) announces that a “Below Scale” (also known as Level 0) Licensing Operational Event (LOE) was confirmed at Daya Bay Nuclear Power Station (Daya Bay) today. 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 information of the event was as follows:

On 19 March 2018, the protection system at the steam generator of Unit 2 of Daya Bay Nuclear Power Station was activated. This triggered the automatic reactor protection system, leading to a safe shutdown of the Unit. Station staff promptly carried out inspection and found that the event was caused by a short circuit at a capacitor inside a component of the control system. Rectification has now been completed. The event has no impact on staff, plant safety or the environment.

The event was classified at “Below Scale” (Level 0) on the 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 confirmed 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 public 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. (CLP) 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 80% 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

