

Nuclear Safety and Risk Seminar

on

Advanced Passive Nuclear Power Technology Development in China

presented by

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Date: 29 Apr 2014 (Tuesday)

Time: 6:15pm - 8:00pm

Venue: Lecture Theatre LT-7., Academic 1, City University of Hong Kong

Registration:

Free on-line free registration on a first-come-first-served basis is via
<http://www.hkarms.org/Registration/EventRegister.php?Event=61>
(If you do not have a membership number, please input "0")

For enquiries, please contact Dr Louis Liu, info@hkns.hk

Abstract:

SNEDI was formed at the early stage of the Chinese nuclear power programme and held a pivotal role in the development of the first indigenous civil nuclear power station in China at Qinshan.

The nuclear power programme in China has called for a three-fold increase of nuclear capacity to 58 GW by 2020 from the current capacity of 18 GW from 20 nuclear generating units, and a policy that new nuclear constructions will be based on advanced Generation III reactor technology that has much higher safety levels.

SNEDI has been very active in the import, assimilation and re-innovation of Generation III technology from the US. It is working on an advanced Pressurised Water Reactor design CAP1000 (Chinese AP1000) that makes extensive use of passive safety features to ensure reactor integrity. It is also developing a design known as CAP1400 that has the same safety philosophy but which has a larger generation capacity.

The seminar will provide further information on the above advanced nuclear reactor systems.

Attendance/CPD Certificate will be provided

Supporting Organisations