



Canadian Nuclear Society / Société Nucléaire Canadienne

Chalk River Branch, c/o Dr. Blair P. Bromley, AECL-Chalk River Laboratories, Chalk River, ON K0J 1J0

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*“Supporting nuclear science and technology for over 25 years”
“plus de 25 ans de promotion de la science et de la technologie nucléaires”*

Hitachi's Experience in Nuclear Power Plant and the Latest Status on Distributed Control System Joint Development for ACR New Build Projects

The Chalk River Branch of the Canadian Nuclear Society is pleased to welcome Mr. Hideo Harada at the next CNS seminar. Hideo will be speaking on Hitachi's wide experience and accomplishments in the nuclear industry encompassing both Japan and the entire world. He will also provide a progress update on the ACR-1000 Instrumentation and Control (I&C) product development. Hitachi has been working closely with AECL in an effort to meet the rigorous ACR-1000 new build timeline.

Hitachi is one of the biggest electric/electronic conglomerate companies in the world, ranked 48th in the 2007 Fortune 500; however, how many of you know that Hitachi has been proudly supplying the entire nuclear power plant project life-cycle from design to operations, refurbishment and maintenance? Many North American people may recognize Hitachi as a supplier of electrical components such as televisions and DVD recorders. Actually, Hitachi has been involved in more than 20 nuclear power plant new build projects and has been one of the biggest nuclear power plant suppliers in Japan since the 1970s. Thanks to its continuous construction experience to date and through its rich experience in design, manufacturing, testing and maintenance, Hitachi has been compiling and implementing lessons-learned from project to project and has been significantly improving its capability. In his speech, Hideo will present an introduction of Hitachi, its ample experience in nuclear power plant projects, and the latest status of the new build ACR especially on I&C.

Hideo Harada began his career at Hitachi, Ltd. in 1993. Soon after joining Hitachi, he was assigned to the I&C Systems Division. The first project he was involved in was Kashiwazaki-Kariwa Nuclear Power Plant Unit 7, an Advanced Boiling Water Reactor (ABWR). Kashiwazaki-Kariwa Units 6 and 7 are the world's first ABWRs. Unit 7 started commercial operation in 1996. For the project, Hideo was engaged in designing the digitized Reactor Protection System. His next project was delivering the Balance of Plant I&C System for the Qinshan CANDU units. This was his first CANDU project and the beginning of his close working relationship with AECL. His latest achievement was the Shika Unit 2 Nuclear Power Plant. Hitachi was the Engineering, Procurement and Construction (EPC) contractor for this project, the first ABWR supplied solely by one company. Hideo was the leader of the I&C project management team. After Shika Unit 2's start of commercial operation in March 2006, he arrived in Canada and joined Hitachi Canada Ltd. Hideo is currently a part of AECL's ACR-1000 Computer Control Team to ensure the success of Distributed Control System (DCS) for the next new build ACR projects.



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Hideo Harada
Hitachi Canada Ltd.

7:30 PM
Thursday September 6, 2007

Bennett / Mackenzie Room,
J.L. Gray Centre
(Entry via rear security entrance)

Refreshments will be served – free admission - ALL ARE WELCOME
Further information: Blair Bromley at 584-8811 Ext. 3676, or 613-584-1518