



Canadian Nuclear Society / Société Nucléaire Canadienne

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

<http://www.cns-snc.ca/CRB.html> e-mail: webmaster@cns-snc.ca

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Point Lepreau Refurbishment Impact on New Brunswick

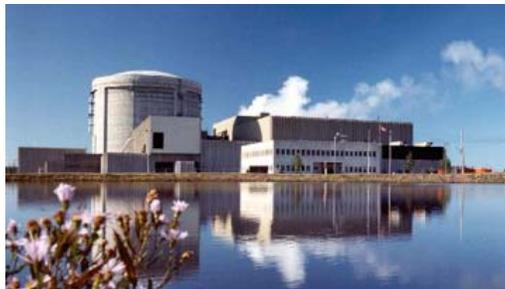
The Chalk River Branch of the Canadian Nuclear Society is pleased to welcome Mr. Syed Zaidi (formerly at New Brunswick Power, now at AECL – Chalk River Laboratories) at the next Canadian Nuclear Society seminar. Mr. Zaidi will be speaking about the refurbishment project at the Point Lepreau Nuclear Generating Station (PLNGS) in New Brunswick that is going to start in 2008, and what its impacts will be.

Point Lepreau refurbishment, which is currently scheduled to occur April to September 2008, has an estimated cost of \$1.4 billion (including replacement energy). The continued operation of Point Lepreau will provide approximately 700 direct jobs with an annual payroll of up to approximately \$70 million at the station. There will also be approximately 1,100 indirect jobs created, and an additional \$35 million will be spent annually for service and contract work throughout New Brunswick. Approximately 500 trades people will be required for completing the refurbishment work, including boilermakers, pipe fitters, ironworkers, laborers, carpenters, etc. Close to 90% of the workers will be hired locally. Of the 100 to 150 administrative and project management positions, including engineers, planners, trainers and supervisors, at least 50% will be hired locally. As a historical comparison, Point Lepreau was originally constructed between May 1975 and 1982 at a cost of \$1.44 billion. During the peak of construction in 1979, approximately 3,500 people were employed on the project. The successful completion of Point Lepreau refurbishment and continued safe operation could provide a strong incentive for the construction of a second CANDU reactor at Point Lepreau.

Syed Zaidi joined the PLNGS team during its construction in 1981 and took an early retirement incentive on November 1, 2003. After his retirement from PLNGS, he helped coordinate a number of activities for Point Lepreau Refurbishment Project, in collaboration with PLNGS, AECL, and ABS Consultants, including Probabilistic Safety Assessment (PSA) for Fires and Floods, PSA-based Seismic Margin Assessment, and Shutdown System (SDS1 / SDS2) Trip Coverage Improvements.

Syed's career in the CANDU nuclear industry spans forty years in various positions with the following organizations: Institute of Nuclear Science and Technology, NPD/NTC, Karachi Nuclear Power Plant (KANUPP), Point Lepreau Nuclear Generating Station / New Brunswick Power, CANDU Owners Group (COG), Ontario Power Generation (OPG), Atlantic Nuclear Services (ANSL), and Atomic Energy of Canada Limited (AECL). One highlight of Syed's career was a visit to the Qinshan Nuclear Power Plant in 2005, during a family vacation in China. Syed is a member of the CNS Council, and the Chair of Branch Affairs, advocating for the needs and concerns of the local branches of the Canadian Nuclear Society. Currently, Syed is the NRU – Facility Quality Representative at AECL – Chalk River Laboratories.

The Chalk River Branch of the CNS is also on a drive to recruit new members, and renew existing members. Early renewals will enjoy a discount. Members are encouraged to join the local branch executive as a member-at-large to assist with a number of volunteer activities associated with education and public outreach.



Syed Zaidi
Chair, Branch Affairs, CNS

7:30 PM, Thursday, December 13, 2007

Foster Room, J.L. Gray Centre
(On left after 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