Course Overview

The CNS CANDU Technology and Safety Course, held for the last many years in a physical setting over 3 days in March, has had to be cancelled/postponed to 2022 March on account of the COVID-19 pandemic.

In order to provide a partial replacement for the full course, an on-line course is being organized, offered over a number of days separated in time. The 1st slice and the 2nd slice took place on 2020 November 13 and 2021 March 22-23, respectively, and the 3rd slice will now be offered on two half-days, 2021 June 28-29, from 8 am to 11:30 am (Toronto local time).

The upcoming offering will have totally different presentations from the 1st and 2nd slices of the course, in 2020 November and 2021 March 22-23. It will have presentations on:

- **CANDU Fuel Design and Performance**
- **CANDU Regional/Neutronic Overpower Protection**
- **CANDU LLOCA Analysis**
- **CANDU Experiments and Computer Codes**

The CNS is presenting this course to enhance the professional and technical capabilities of its members (and non-members) working in, or interested in, the nuclear industry. The course is ideally suited for beginning professionals, but also beneficial to experienced professionals. Come broaden your nuclear knowledge beyond your specific area of work and your own area of expertise.

Course Agenda

2021 June 28, Toronto local time (am)

08:00 Opening remarks, instructions

08:10-9:40 "CANDU Fuel Design and Performance", by Paul Chan (Royal Military College of Canada)

9:40-10:00 Break

10:00-11:30 "CANDU Regional/Neutronic Overpower Protection", by Wei Shen (CANDU Owners Group)

2021 June 29, Toronto local time (am)

08:00 Introduction, Feedback

08:05-9:35 "CANDU LLOCA Analysis", by David Novog (McMaster University) and Benjamin Rouben (12 & 1 Consulting)

9:35-9:50 Break

9:50-11:20 "CANDU Experiments and Computer Codes", by Thambiayah Nitheanandan (Canadian Nuclear Safety Commission)

11:20 Closing remarks

Registration

Please register on-line via the link on the Course web page, which you can reach directly by clicking here or via the CNS website.

The registration fees are shown below, and include HST (HST # 870488889RT)

- ☐ **CNS Member: $150.00 [Must be a CNS member in good standing]**
- ☐ **Non-CNS Member: $200.00**
- ☐ **CNS Full-Time Student Member or CNS Retiree Member: $75.00**

CNS SHORT COURSE ON CANDU REACTOR TECHNOLOGY (ON-LINE) – Part 3

Organized by:
The Canadian Nuclear Society
Nuclear Science & Engineering Division

2021 June 28-29 (Toronto Time, Mornings Only)

Course held on-line
(Connection details to be communicated later)

Course contact (not for registration):
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For registration questions, contact
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