Black Sea Women in Nuclear Network

Uniting women,
Leading change,
Making waves

Alan Sinclair

(He/Him)

Canada

With a strong foundation in chemical engineering and extensive experience in nuclear power operations, Alan bring over 25 years of expertise in plant management, outage control, operations training, and engineering. His career with NB Power spanned multiple leadership roles, including responsibilities as an Alternate Station Director and Online Work Management Manager, overseeing maintenance readiness, planning, and execution strategies to ensure safe and reliable plant operations. Licensed by the Canadian Nuclear Safety Commission as both Control Room Operator and Shift Supervisor at Point Lepreau Nuclear Generating Station (PLNGS), Alan has real plant expertise in operations. As a seasoned multi-cultural instructor, working at PLNGS, Barakah Nuclear Power Plant and currently at Cernavoda Nuclear Plant, he is adept at training licensed operators and shift supervisors, and aligning training programs with industry best practices. Through roles as an Operations Outage Manager and Outage Control Center Manager, he led successful, large-scale outage projects and drove performance improvements. His approach emphasizes critical reasoning, adaptability, and high standards, with a commitment to safe, efficient, and high-quality nuclear operations.

Participation at International relevant Conferences / Workshops / Benchmarking / Courses / Publications:

- Country-Specific Safety Culture Forum: Canada
- WANO/INPO Atlanta Center Leadership and Industry Conferences for Work Management and Operations.
- Benchmarking paperless operation using leading edge technologies.

He can provide mentorship in English.

MENTORSHIP TOPICS

Topic 1: Nuclear Safety Culture

The course will provide information about Nuclear Safety Fundamentals including the 8 principles of Nuclear Safety as well as how personal beliefs and national cultures can challenge the implementation.

Duration: 1-2 hours

Topic 2: Commercial Nuclear Power Plant Operation

The course will provide information about the day-to-day operation of a nuclear plant, from a technical, human interaction and organizational point of view. While this is a broad topic, it can be focused based on the audience.

Duration: 1-2 hours