

ALASTAIR MCIVOR

Senior Consultant



Alastair McIvor is a nuclear industry expert with over 30 years of experience in the UK and Canada. He has a long track record of working successfully with the nuclear regulator, mitigating risk. His varied career has included leadership roles in nuclear operations and implementation of the corporate governance framework for a major nuclear organization.

EXPERTISE

- ▶ Regulatory Affairs
- ▶ Nuclear Operations
- ▶ Nuclear End-of-Life Management
- ▶ Corporate Governance
- ▶ Management System

30+ YEARS OF EXPERIENCE

EXPERIENCE

McIvor is a seasoned leader who has held primary accountability for nuclear safety and compliance with federal regulations in a large reactor facility. He is a skilled regulatory expert, experienced from working on several novel reactor designs, with practiced diplomacy skills from working with staff and management at the Canadian federal nuclear regulator. As an accomplished corporate manager McIvor has years of experience with how a board and CEO execute governance over a nuclear corporation and how to work successfully in that environment. He has a successful track record of leading teams in complex environments, balancing priorities, focusing and motivating people to achieve a goal. He is an effective communicator who can express complex issues in plain language, tailored to the audience.

PAST POSITIONS

CHIEF NUCLEAR OFFICER DESIGNATE

Canadian Nuclear Laboratories - Chalk River

2017-2018

- ▶ Qualified as a CNO designate, responsible for nuclear safety across more than a dozen nuclear facilities at Chalk River Laboratories, accountable to the Canadian federal nuclear regulator for all issues of compliance.

SENIOR DIRECTOR NRU OPERATIONS

Canadian Nuclear Laboratories - Chalk River

2014-2018

- ▶ Successfully led the 180 people in the Operations and Radiation Protection teams at one of the world's largest research reactors through the final four years of reactor operation, maintaining a focus on safe, reliable operation. Responsible for all interaction with federal regulator, and accountable for nuclear safety in the facility.
- ▶ Increased and sustained the level of communication across the NRU team, in anticipation of, and following, the NRU shutdown announcement from the Canadian government.
- ▶ Successfully brought a 7 MW nuclear fuel, in-reactor, test facility back into operation, following a decade of stalled progress with the project and the federal regulator.
- ▶ Sustained and grew the relationship with staff at the federal regulator: licensing director, site office and project officers.

DIRECTOR CORPORATE OPERATIONS

Canadian Nuclear Laboratories - Chalk River

2011-2014

- ▶ Created and led the Corporate Operations function, including the management of the corporate calendar and the agendas for the Board of Directors and Executive Committee, a key role that enabled the CEO to implement a new management system at Chalk River as part of a major restructuring of Atomic Energy of Canada Ltd.
- ▶ Provided appropriate orientation to incoming members of the executive team, and ongoing advice on a range of complex issues to executives as required, identifying the need for awareness on issues from the CEO's office to support the coherent and effective functioning of the executive team.
- ▶ Coordinated the activities of the transition team under the CEO/CFO that resulted in the successful transition to stand-alone operation for Canadian Nuclear Laboratories.

ALASTAIR MCIVOR

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MANAGER POLICY AND STRATEGIC PLANNING

Atomic Energy of Canada Limited - Chalk River

2009-2011

- ▶ Designed and facilitated the strategic planning process for the senior management team at the AECL Nuclear Laboratories which first portrayed a corporate planning framework for the future as a stand-alone national laboratory.
- ▶ Managed the production of annual Corporate Plans for the Nuclear Laboratories prior to the divestiture of AECL's Commercial Operation.
- ▶ Played a catalyst role in changing the culture in the Finance and Planning organization at the Nuclear Laboratories to recognize the organization's future within the federal Science and Technology landscape, distinct from its former, quasi private sector paradigm.

MANAGER OPERATIONS SAFETY AND LICENSING

Atomic Energy of Canada Limited - Chalk River

2008-2009

- ▶ Rebuilt the relationship at the first-line management level between AECL and the federal regulator which had been undermined by the events of winter 2007-08.
- ▶ Led a new team and turned around the situation at the NRU reactor to track commitments made to the federal regulator, achieving the goal where no commitments were overdue.
- ▶ Led a small management team with 40 safety and licensing staff to wind down the Dedicated Isotope Facility (DIF) project and successfully place the DIF in an Extended Shutdown State (a unique process in Canadian licensing), motivating a team in a challenging work environment.

STRATEGIC COMMUNICATIONS OFFICER

National Research Council - Chalk River

2002-2007

- ▶ Provided key support to the Canadian Neutron Beam Centre (CNBC) Director including strategic advice and management assistance; planning, tracking and reporting performance at CNBC; and communicating the value of federal science and technology to a variety of audiences, scientific, government and public.

SAFETY ANALYSIS SECTION HEAD

Atomic Energy of Canada Limited - Chalk River

1996-2001

- ▶ Recruited by AECL to fill a critical need for expertise in Probabilistic Safety Analysis on a novel reactor design, the Irradiation Research Facility.
- ▶ Led the development of the Safety Design Guides for the project, working with the project team to develop the safety and licensing basis for the proposed design.
- ▶ Wrote sections of the revised Safety Analysis Report for NRU, Loss of Coolant Accidents.

NUCLEAR SAFETY ANALYSIS CONSULTANT

BAeSEMA

1993-1996

SAFETY ANALYSIS ENGINEER

National Nuclear Corporation

1989-1993

UNDERGRAD RESEARCHER

UK Atomic Energy Authority

1987-1988

EDUCATION

Manchester Metropolitan University (UK) B. Eng
(hons) Mechanical Engineering

1989

INPO Senior Nuclear Plant Manager course (USA)

2016

Executive Leadership Program, Institute on Governance, Ottawa

2013