

# N. RYAN SMITH, P. ENG.

## Director of Canadian Operations



Ryan Smith is the Director of Canadian Operations for Modus Strategic Solutions, Inc. Smith is a Professional Engineer with 15 years of project management experience in a diverse set of roles for both contractor and owner organizations in both public and private sectors.

### EXPERTISE

- ▶ Project Oversight
- ▶ Risk Management
- ▶ Organizational Effectiveness
- ▶ Facilitation and Change Management
- ▶ Decision Management

### 15 YEARS OF EXPERIENCE

### EXPERIENCE

Smith's project management experience and expertise are based in the strategic and intangible aspects of project work, including organizational effectiveness, leadership, risk and decision management and project oversight program design.

He has developed and implemented comprehensive risk management and project oversight standards and practices, informed by industry best practices. His risk management program work has included analyzing integrated organizational risk profiles to eliminate or minimize risk and estimating contingency based on quantitative and qualitative principles. This involved designing the contingency fund development strategy for Darlington Refurbishment Program, applying stochastic and deterministic analysis methods to achieve business needs. He has worked with public and private organizations to apply integrated risk management practices for projects, megaprojects, and capital portfolios.

In addition to risk management, Smith has established and implemented robust project oversight programs, developing the process, toolsets, training and measures to plan and execute effective project oversight, anchored in the objective of improving project outcomes.

Facilitation, communication, and change management have been central to Smith's experience as he has worked to educate, inform, and collaborate with project and functional executives and frontline workers to ensure consistency in the application of risk management practices. He has communicated with executive and corporate entities on current and emerging risk status and mitigating strategies and delivered risk workshops to internal stakeholders. Externally, he has interfaced with regulatory bodies and stakeholders to communicate project progress, demonstrate prudence, and align them through simple language and concepts.

### REPRESENTATIVE PROJECTS

- ▶ Established and implemented from the ground up an industry-leading project risk management program for the Nuclear Projects organization at Ontario Power Generation.
- ▶ Developed the life cycle contingency estimate for the 10-year, \$12.8 billion refurbishment of four nuclear units on the shores of Lake Ontario.
- ▶ Performed project management for the regulatory mandated Security Optimization Program at Ontario Power Generation's Darlington and Pickering Nuclear facilities.

### PAST POSITIONS

#### **Ontario Power Generation, Pickering, Ontario**

Manager, Project Oversight – Nuclear Projects

Manager, Risk Management and Infrastructure – Nuclear Projects

Section Manager, Risk – Nuclear Refurbishment

Section Manager – Projects and Modifications

2009 to 2017

(2016 to 2017)

(2014 to 2016)

(2011 to 2014)

(2009 to 2011)



# N. RYAN SMITH, P. ENG.

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**Wardrop Engineering, Pickering, Ontario**

Project Manager – Nuclear Division

2004 to 2009

**Veritec Consulting, Mississauga, Ontario**

Project Specialist – Water Efficiency Projects

2002 to 2004

## EDUCATION

University of Ottawa (B.A.Sc. Chemical Engineering, cum laude, 2002)

## PROFESSIONAL CERTIFICATIONS

Licensed Professional Engineer (2007)

Certified PDRI (Project Definition Rating Index) Facilitator (2014)

Nuclear Professional Development Seminar Graduate (2016)

