

Nuclear Engineering International Magazine Features Bruce Power's New Gamma Monitoring System

Bruce Power's industry-leading emergency response program was developed with the support of ScottMadden and RTI International

ATLANTA, GA – (November 10, 2015) – In the November 2015 edition of Nuclear Engineering International Magazine, the article "[Network Improvements](#)" highlights the Bruce Power nuclear site in Ontario, Canada and the operational performance assessment of their new gamma monitoring system. This innovative system was installed following the Fukushima accident. This article is based on the case study "[How to Implement a World-Class Emergency Response Program](#)" and shares the details of Bruce Power's emergency preparedness and response capabilities.

ScottMadden, Inc., one of North America's leading energy consulting firms, joined forces with RTI International, one of the world's leading research institutes, to help Bruce Power design and implement the nuclear industry's leading emergency response program. Bruce Power, the world's largest operating nuclear facility, requested the help of ScottMadden and RTI with their project. The goal of the project was to devise and deploy a strategy that would improve emergency response communications, bolster radiological-monitoring systems, and allow Bruce Power to take a leadership position within the industry in the post-Fukushima era.

The team conducted a gap assessment, designed and deployed a state-of-the-art remote radiological-monitoring system, and customized a centralized, analytical software tool that will enable all responders to access a "single version of the truth" in the event of an emergency. These new tools and associated processes significantly reduce the risk of radiation exposure for first responders in the field and diminish the potential for erroneous or conflicting data that could hamper response efforts in a rapidly evolving situation.

"The Bruce Power emergency preparedness and emergency response programs continue to be recognized as the industry leader in a post-Fukushima era," said [Sean Lawrie](#), partner at ScottMadden. "The solution was a cost-effective way to improve radiological monitoring and response capabilities while enhancing collaboration and communication between the utilities and government agencies."

About Nuclear Engineering International

Nuclear Engineering International, launched in 1956, is a monthly print magazine including news, feature articles, and technical articles of merit on the civil nuclear power industry, from front end fuel cycle to operations benchmarking (quarterly load factors league tables) to decommissioning & decontamination.

About RTI International

RTI International is one of the world's leading research institutes, dedicated to improving the human condition by turning knowledge into practice. Our staff of more than 3,700 provides research and technical services to governments and businesses in more than 75 countries in

the areas of surveys, statistics, advanced analytics, energy and the environment, health and pharmaceuticals, education and training, advanced technology, international development, economic and social policy, and laboratory testing and chemical analysis. For more information, please visit www.rti.org.

About ScottMadden's Energy Practice

We know energy from the ground up. Since 1983, we have been energy consultants. We have served more than 300 clients, including 20 of the top 20 energy utilities. We have performed more than 2,400 projects across every energy utility business unit and every function. We have helped our clients develop strategies, improve operations, reorganize companies, and implement initiatives. Our broad and deep energy utility expertise is not theoretical—it is experience based.

About ScottMadden, Inc.

ScottMadden is the management consulting firm that does what it takes to get it done right. Our practice areas include Energy, Clean Tech & Sustainability, Corporate & Shared Services, and Grid Transformation. We deliver a broad array of consulting services ranging from strategic planning through implementation across many industries, business units, and functions. To learn more, visit www.scottmadden.com | [Twitter](#) | [Facebook](#) | [LinkedIn](#)

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