

GETTING THE FACTS ON

# Bruce Power and Emergency Preparedness

**Bruce Power**<sup>™</sup>

*Innovation at work*

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OR [www.brucepower.com/factsheets](http://www.brucepower.com/factsheets). FOR QUESTIONS [info@brucepower.com](mailto:info@brucepower.com).

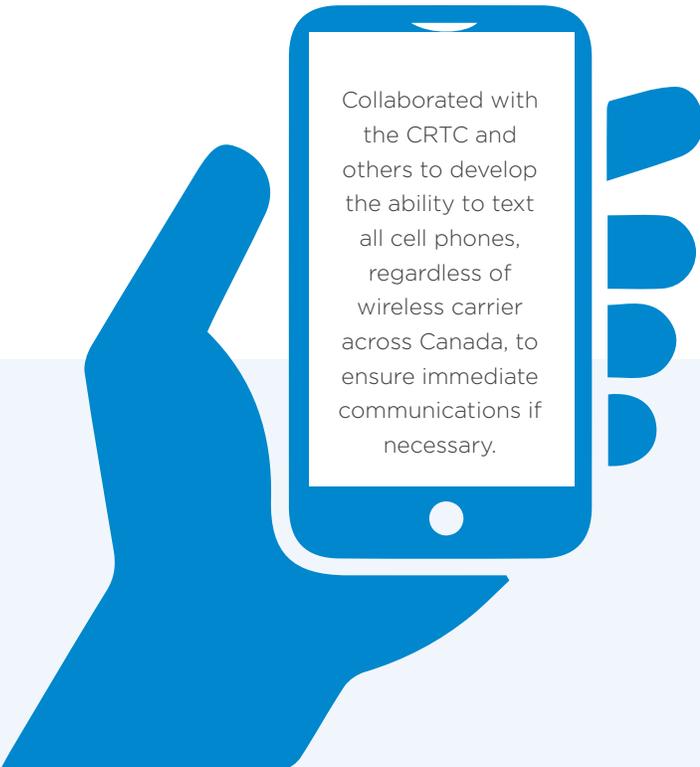
Since its last licence renewal in 2015, Bruce Power has continued to improve its depth of defence, increasing its ability to communicate during any type of adverse condition, no matter how unlikely from a historical perspective.



The company has distributed FM alert radios to its Category A staff – plant operators, security and first responders.



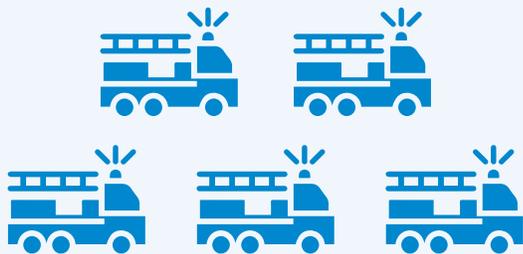
Bruce Power's Emergency Preparedness organization has given FM alert radios to all residents within a 10 km radius of the site.



Collaborated with the CRTC and others to develop the ability to text all cell phones, regardless of wireless carrier across Canada, to ensure immediate communications if necessary.

Successfully tested the DisasterLAN software, which shares plant system information and data, in real time, with our off-site Emergency Management Centre and external agencies, such as the province's Office of the Fire Marshal and Emergency Management (OFMEM) and the Canadian Nuclear Safety Commission (CNSC).

Since the unprecedented earthquake and tsunami in Fukushima, Japan in 2011, nuclear power plants in Canada, including Bruce Power, have studied their layers of safety systems and communications abilities for beyond-design accidents. Through a commitment to continuously improve the safety of its nuclear site, Bruce Power has invested millions into its safety systems for design-basis and beyond-design basis accidents.

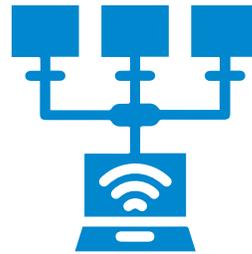


Five new fire trucks that have the ability to pump water into the cooling system in the unlikely case the depth of safety systems fail. Two are on site and three are stored off site, on high ground, in a building that is safe and dry.

Bruce Power helped secure

# \$230,000

of government funding from Defence Research & Development Canada's Centre for Security Science to support a two-year study on regional interoperability during emergency situations.



**A state-of-the-art Emergency Management Centre (EMC)** at the Visitors' Centre allows Bruce Power to communicate externally and monitor on-site activity using the Incident Management System.



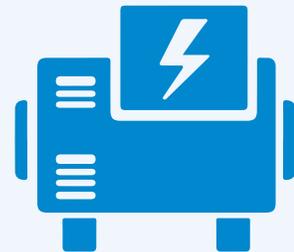
# 400

**highly trained  
emergency response  
team members**

have proven to be world leaders in safety and emergency preparedness (comprised of security and emergency response, fire department and paramedics).

# 9

**Back-up  
Generators**



stored off site, on high ground, in a building that is safe and dry. They would provide backup power in the unlikely event of an emergency.