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Title:
DEVELOPING MANAGEMENT SYSTEMS FOR THE SITING, CONSTRUCTION AND OPERATION OF SMALL MODULAR REACTORS

Abstract:

The development of new nuclear reactors across Canada requires Management Systems to be effectively established and implemented in accordance with the requirements of CSA N286-12, *Management System Requirements for Nuclear Facilities* and Technology Vendors are required to establish and implement a quality assurance program for the provision of items and services for nuclear power plants.

Potential licencees and Reactor Technology Vendors will need to utilize innovative means to effectively establish and implement management systems that can be scalable, flexible and usable throughout the various licencing phases and in various jurisdictions.

This paper describes the approaches taken by NB Power and ARC Clean Technology in developing efficient management systems for the next generation of reactors. The paper includes important considerations to be taken into account in the development of a Management System to allow for the successful deployment of Generation IV reactors to support our climate change targets.

Track Assigned:
SMRs and Advanced Reactors

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