

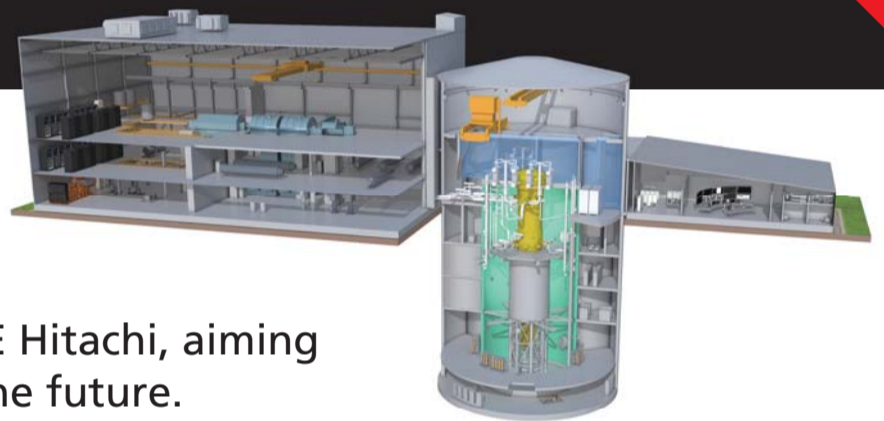
Nuclear Innovation: Hitachi-GE's Engagement in NEXIP Program

Hitachi-GE Nuclear Energy, Ltd. is currently supporting the development of three new reactor designs under NEXIP*.

*Nuclear Energy x Innovation Promotion

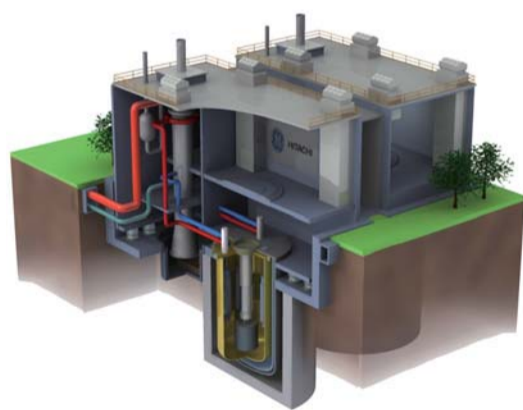
BWRX-300

- 300 MWe water-cooled, natural circulation SMR with passive safety systems.
- Hitachi-GE is jointly developing with GE Hitachi, aiming for domestic introduction in Japan in the future.



PRISM

- Sodium Cooled Metal Fuel SMR.
- Portions of the work have been integrated into the Natrium™ reactor, a TerraPower & GE-Hitachi technology.



RBWR

- A light-water fast reactor based on proven light-water cooling technology.



Highly Innovative ABWR (HI-ABWR)

- Based on international standard ABWR which considers Fukushima lessons learned and meets UK/European requirements, further new safety mechanisms are implemented.

