


HITACHI



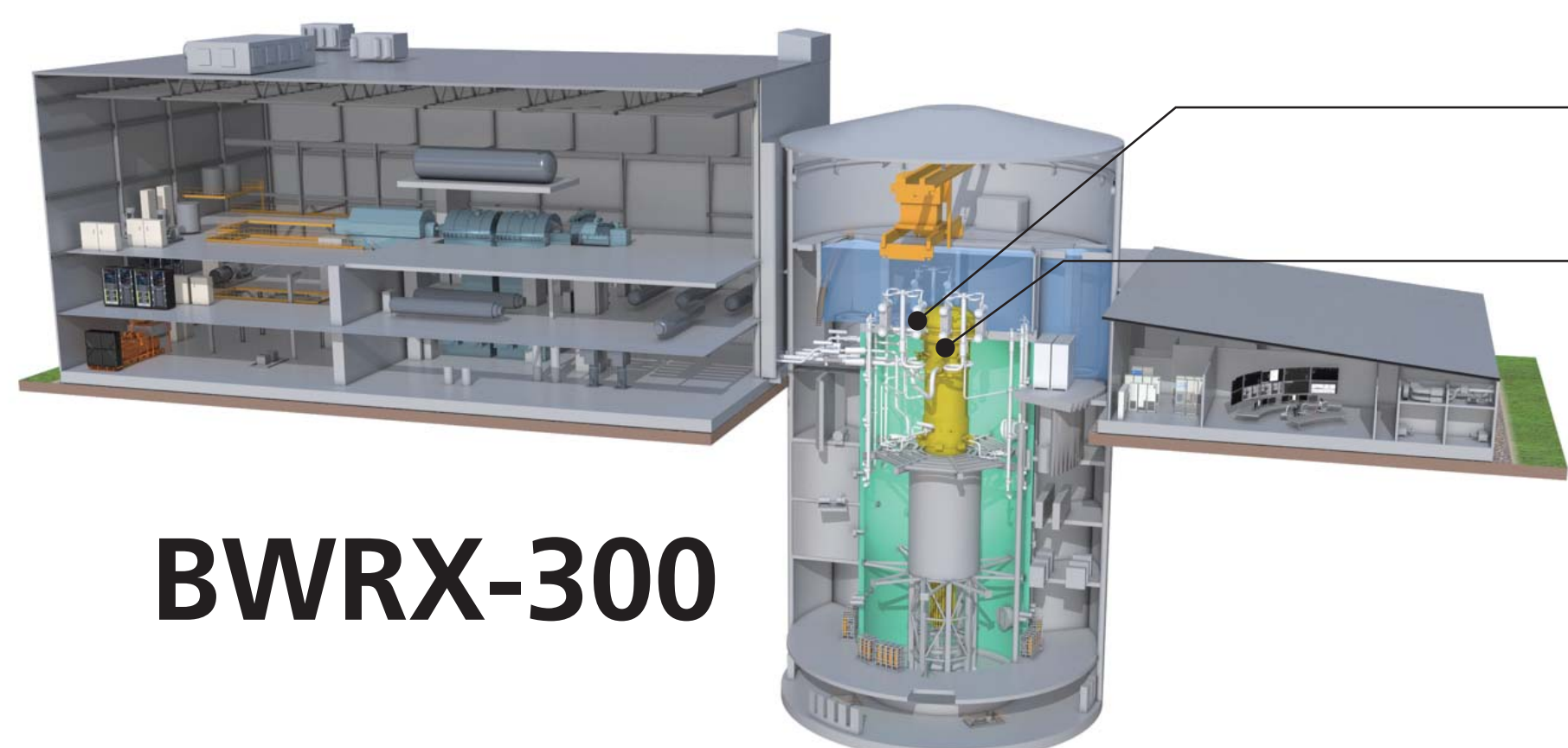
New Technologies in Hitachi-GE Nuclear Energy

Development of 3 reactors; BWRX-300, PRISM and RBWR under Japan's NEXIP* initiative.

 LUMADA - Hitachi's digital technology supports the safe and stable operation of nuclear power plants.

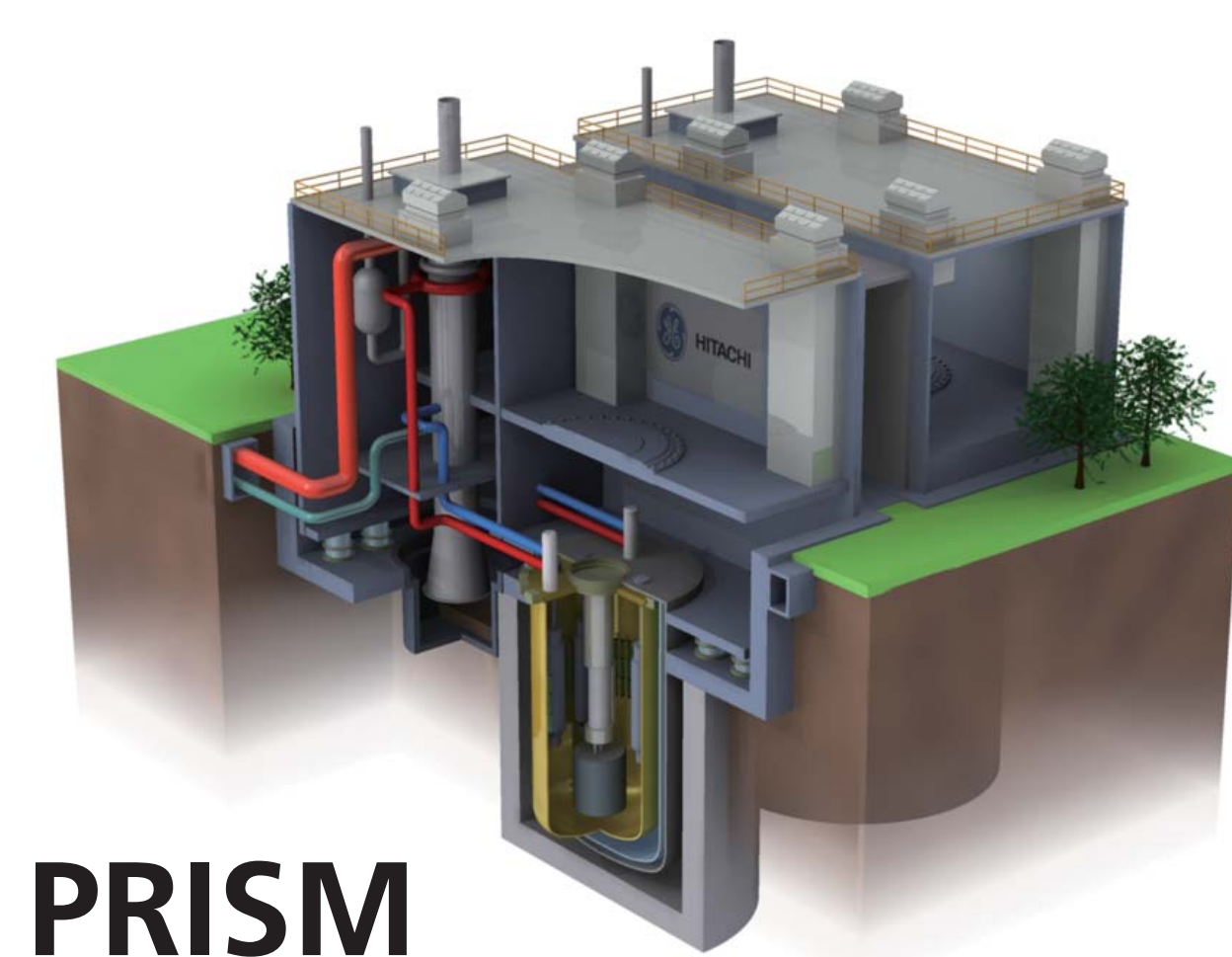
*NEXIP : Nuclear Energy x Innovation Promotion

Advanced Reactors: BWRX-300, HI-ABWR and PRISM




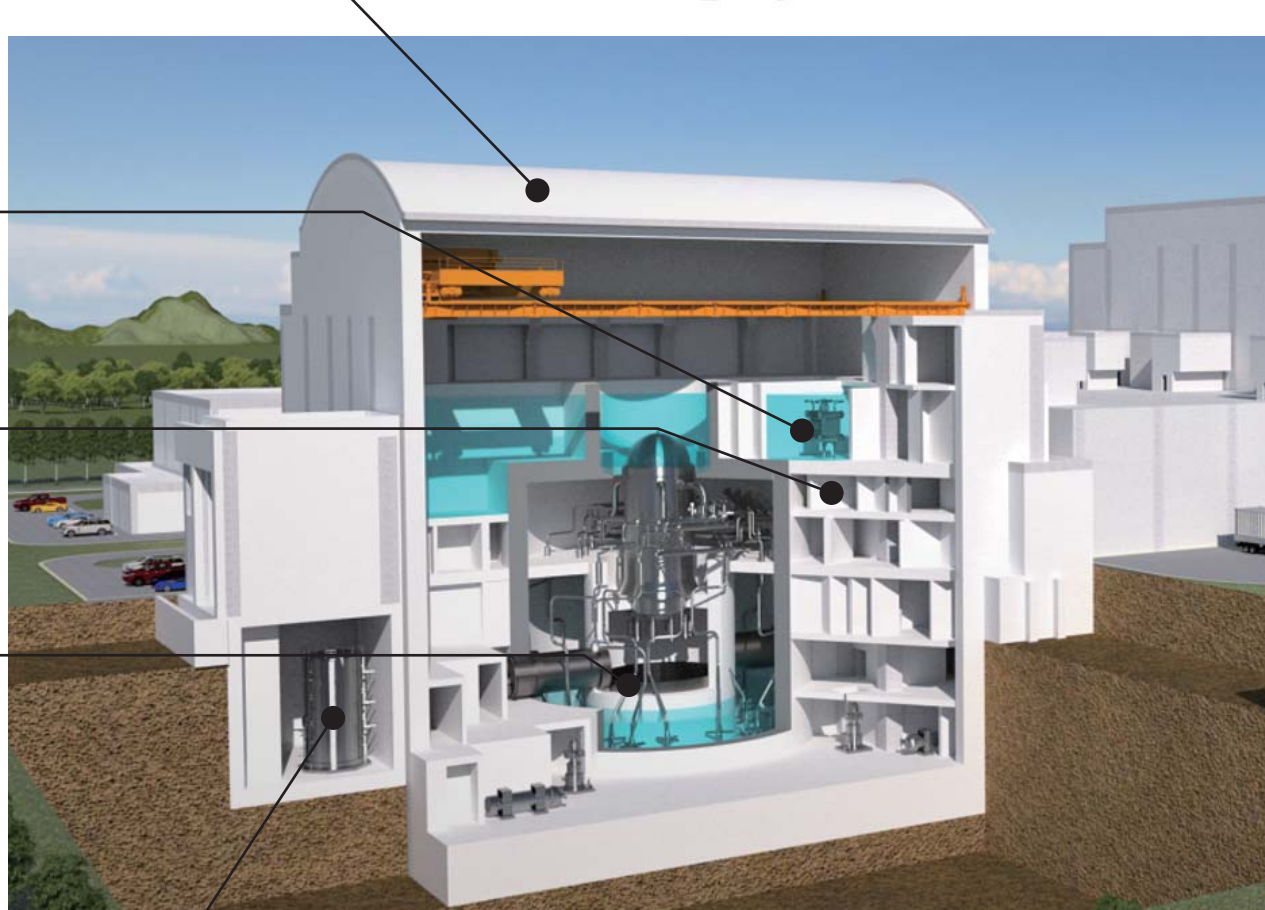
BWRX-300

- Isolation valve integrated into the reactor vessel
- Passive safety systems
- Improved safety and security against external hazards



PRISM

Working with TerraPower to realize  Natrium[™] by combining PRISM and molten salt storage system



HI-ABWR
Highly Innovative ABWR

- Reinforced building against airplane crashes
- Passive safety system
- Separation barrier
- Core catcher + Lower drywell floodder
- Nobel gas filter



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