

Table 17 · Vendor Design Review Service Agreements in Force Between Vendors and the CNSC (as of mid-2020)

Vendor	Name of design and cooling type	Approximate capacity (MWe)	Applied for	Review start date	Status
Terrestrial Energy Inc.	IMSR Integral Molten Salt Reactor	200	Phase 1	April 2016	Complete
			Phase 2	December 2018	Assessment in progress
Ultra Safe Nuclear Corporation	MMR-5 and MMR-10 High-temperature gas	5-10	Phase 1	December 2016	Complete
			Phase 2	Pending	Project start pending
LeadCold Nuclear Inc.	SEALER Molten Lead	3	Phase 1	January 2017	On hold at vendor's request
Advanced Reactor Concepts Ltd.	ARC-100 Liquid Sodium	100	Phase 1	September 2017	Complete
Moltex Energy	Moltex Energy Stable Salt Reactor, Molten Salt	300	Phase 1 and 2	December 2017	Phase 1 assessment in progress
SMR, LLC. (A Holtec International Company)	SMR-160 Pressurized Light Water	160	Phase 1	July 2018	Assessment in progress
NuScale Power, LLC	NuScale Integral pressurized water reactor	60	Phase 2*	January 2020	Assessment in progress
U-Battery Canada Ltd.	U-Battery High-temperature gas	4	Phase 1	February 2017	Project start pending
GE-Hitachi Nuclear Energy	BWRX-300 boiling water reactor	300	Phase 2*	January 2020	Assessment in progress
X Energy, LLC	Xe-100 High-temperature gas	75	Phase 2*	July 2020	Project start pending

Source: CNSC Website, 2020

Note: *NuScale Power, X Energy, and GE-Hitachi, have opted to have Phase 1 objectives be addressed within the Phase 2 scope of work.

Table 18 · Vendor Design Review Service Agreement Between Vendors and the CNSC Under Development

Vendor	Name of design and cooling type	Approximate capacity (MWe)	Applied for	Application received
StarCore Nuclear	StarCore Module High-temperature gas	10	Phase 1 and 2	October 2016
Westinghouse Electric Company, LLC	eVinci Micro Reactor solid core and heat pipes	Various, up to 25 MWe	Phase 2*	February 2018

Source: CNSC Website, 2020

Note: *Phase 1 objectives will be addressed within the Phase 2 scope of work.