response and disaster relief in remote areas. In addition to allowing the vessel to operate for eight to 10 years without refueling, the MMRs will be able to feed electric power into shore grids when the vessel is docked at port.

Deployable Energy also has been developing a 1-MW Unity nuclear battery, which fits inside a 20-foot shipping container. The company hopes to have 100,000 of these nuclear batteries deployed by 2040. Lloyd's Register released a report last year that proposed using nuclear power to transform the maritime industry by extending the lives of vessels and removing uncertainties associated with fuel and refueling infrastructure.

■ **TerraPower** and **HD Hyundai Heavy Industries**, an affiliate of HD Hyundai that specializes in shipbuilding, have formed a strategic collaboration to scale the global manufacturing supply chain for components of TerraPower's Natrium sodium-cooled fast reactor. The companies intend to build new supply chain capacity to enable large-scale production and global deployment of the Natrium reactors. According to the companies, their collaboration creates the manufacturing foundation for full commercial deployment of Natrium beyond the initial demonstration project, which is currently under development in Wyoming. HD Hyundai was previously selected to provide the reactor vessel for the Wyoming plant.

TerraPower also has formed a long-term strategic alliance with **KBR** to commercialize and deploy Natrium reactors in North America, the United Kingdom, the EU, and elsewhere. In this alliance, TerraPower will lead efforts on

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