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Mitsubishi Electric to Develop I&C System Design for Holtec International's SMR-160 Small Modular Reactor

TOKYO, March 23, 2022 – [Mitsubishi Electric Corporation](https://www.mitsubishielectric.com) (TOKYO: 6503) announced today that its U.S. subsidiary Mitsubishi Electric Power Products, Inc. (MEPPI) has received a contract from Holtec International (Holtec) to expedite the design engineering of the digital instrumentation and control systems (I&C) for Holtec's SMR-160 small modular reactor which is a next generation small reactor with superior safety and reliability levels, featuring a natural cooling ability in case of any accidents.

Mitsubishi Electric and Holtec began developing preliminary designs for the SMR-160's I&C under an agreement signed in 2016 and will now accelerate these activities. Holtec, which aims to secure a SMR-160 construction license in 2025, is now considering deployment of a demonstration reactor.

In December 2020, Holtec was selected as an awardee by the U.S. Department of Energy Advanced Reactor Demonstration Program (ARDP) to design, engineer and license development of the SMR-160. Pursuant to the ARDP selection, Holtec issued the purchase order to Mitsubishi Electric to develop a control-room simulator that will be used to verify I&C design and review operation.

Holtec selected Mitsubishi Electric's MELTAC[®] controls for the SMR-160 design based on the company's long experience with nuclear power plant controls. In 2018, Mitsubishi Electric's MELTAC Nplus S safety control platform was favorably evaluated for use in U.S. nuclear power plants by the U.S. Nuclear Regulatory Commission.



MELTAC Nplus S digital safety I&C controller for SMR-160

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About Mitsubishi Electric Corporation

With 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Mitsubishi Electric enriches society with technology in the spirit of its "Changes for the Better." The company recorded a revenue of 4,191.4 billion yen (U.S.\$ 37.8 billion*) in the fiscal year ended March 31, 2021. For more information, please visit www.MitsubishiElectric.com

*U.S. dollar amounts are translated from yen at the rate of ¥111=U.S.\$1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2021