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U.S. Nuclear Regulatory Commission Accepts MELTAC Nplus S for Use in U.S. Nuclear Power Plants

*High-quality control and monitoring system, already in use in 38 nuclear power plants, will contribute
to the reliability of U.S. nuclear power plants*

TOKYO, November 15, 2018 – [Mitsubishi Electric Corporation](http://www.mitsubishielectric.com) (TOKYO: 6503) announced today that it has obtained acceptance from the U.S. Nuclear Regulatory Commission (NRC) for the use of the company's digital safety system controller MELTAC Nplus S in U.S. nuclear power plants. Mitsubishi Electric accordingly will promote the MELTAC Nplus S controller as a solution for aging and obsolete analog or digital controllers in the U.S. Market.

MELTAC is a control and monitoring system supporting the safe operation of nuclear power plants. Acclaimed for its reliability and quality, MELTAC is deployed in 38 nuclear power plants, primarily in Japan and China. MELTAC Nplus S was developed under Mitsubishi Electric's quality assurance program that is fully compliant with 10 CFR 50 Appendix B* criteria, a regulation governing U.S. nuclear power plant safety systems**.

* 10 CFR 50 Appendix B "Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants" is one of the NRC regulatory requirements defining quality assurance criteria for U.S. domestic nuclear power plants and fuel reprocessing plants

** Critical systems that monitor plant parameters such as pressure, temperature and neutron flux within reactors



Takahisa Kurokawa, Senior General Manager of Energy Systems Center, Mitsubishi Electric Corporation, commented, "Digital instrumentation and control system upgrades in U.S. nuclear power plants must meet strict NRC regulatory requirements. To meet these requirements, we developed a 10 CFR 50 Appendix B compliant quality assurance program (QAP) to achieve in-house control of all aspects of MELTAC Nplus S design, manufacturing, and testing."

For over 40 years, Mitsubishi Electric has been providing instrumentation and control systems to Japanese and Chinese nuclear power plants. The NRC's recent acceptance of MELTAC Nplus S for use in U.S. nuclear power plants will allow Mitsubishi Electric to provide its high-quality product and related design and testing services to U.S. nuclear power plant customers needing to upgrade analog and digital safety systems used over the years. It will also allow the company to respond to demand for these services from newer plants in the U.S.

Mitsubishi Electric additionally plans to deploy the MELTAC solution in the small modular SMR-160 reactor*** being jointly developed by Mitsubishi Electric and Holtec International, a leading energy technology company.

*** A next generation small reactor with superior safety and reliability levels, featuring a natural cooling ability in case of any accidents. See <https://smrllc.com/news-videos/videos/smr-160-essentials/> for details of the SMR-160

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About Mitsubishi Electric Corporation

With nearly 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. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,444.4 billion yen (in accordance with IFRS; US\$ 41.9 billion*) in the fiscal year ended March 31, 2018. For more information visit:

www.MitsubishiElectric.com

*At an exchange rate of 106 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2018