

L3 MAPPS to Convert Wolsong Unit 1 Simulator for Unit 3 Training

– Converted simulator is expected to be in service by the third quarter of 2020 –

MONTREAL, QC, CANADA, January 16, 2019 /EINPresswire.com/ -- L3 MAPPS announced today that it is under contract with Korea Hydro & Nuclear Power Co., Ltd. (KHNP) to repurpose the Wolsong Unit 1 (Wolsong 1) CANDU* full scope operator training simulator to become the primary training simulator for Wolsong Unit 3 (Wolsong 3). The project will begin immediately.

“L3 MAPPS is pleased KHNP decided to convert the Wolsong 1 simulator contracted in 2016 to become the operator training platform for Wolsong 3,” said Michael Chatlani, Vice President of Marketing & Sales for L3 MAPPS Power Systems and Simulation.

“We were near completion of the Wolsong 1 simulator, so it is extremely gratifying that all the hard work that went into the simulator will be leveraged for Wolsong 3.”

The Wolsong 3 full scope simulator, like the Wolsong 1 simulator, will use L3’s PC/Windows-based graphical simulation tools for the plant models and instructor station. All of the plant systems will be simulated, including the reactor, nuclear steam supply systems, balance of plant systems, electrical systems and I&C systems. The Wolsong 3 simulator models will be based on planned adjustments to the Wolsong 1 simulation that have already been developed, validated and maintained in L3’s state-of-the-art Orchid® simulation environment. The Digital Control Computers (DCCs) will be represented by an emulated DCC that will be integrated into the full scope simulator. The Wolsong 1 simulator’s full replica main control room (MCR) panels will be returned to Canada to be upgraded to accurately represent the

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Wolsong Nuclear Power Plant

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Wolsong 3 MCR.

The Wolsong 3 simulator will also include severe accident simulation capabilities by including a version of the Modular Accident Analysis Program, known as MAAP4-CANDU**. The simulator will also be equipped with two-dimensional and three-dimensional animated, interactive visualizations of the reactor vessel and containment building to provide trainees further insight into the behavior of the plant during unlikely severe accidents.

About Korea Hydro & Nuclear Power

KHNP, a subsidiary of Korea Electric Power Corporation (KEPCO), provides about 30 percent of South Korea's electricity supply, making it the nation's largest power generation company. It has a total installed capacity of more than 27,000 MW through the operation of 21 nuclear power units, 35 hydropower units, 16 pumped-storage power units and a number of renewable energy facilities. The Wolsong site in Gyeongju, North Gyeongsang Province, houses four 700 MWe class CANDU reactors, Units 1 to 4.

About L3 MAPPS

L3 MAPPS, a subsidiary of L3 Technologies, has over 35 years of experience in pioneering technological advances in the marine automation field and over 45 years of experience in delivering high-fidelity power plant simulation to leading utilities worldwide. In addition, the company has more than four decades of expertise in supplying plant computer systems for Canadian heavy water reactors. L3 MAPPS also provides targeted controls and simulation solutions to the space sector. To learn more about L3 MAPPS, please visit the company's website at www.L3T.com/MAPPS.

About L3 Technologies

L3 Technologies is an agile innovator and leading provider of global ISR, communications and networked systems, and electronic systems for military, homeland security and commercial aviation customers. With headquarters in New York City and approximately 31,000 employees worldwide, L3 develops advanced defense technologies and commercial solutions in pilot training, aviation security, night vision and EO/IR, weapons, maritime systems and space. The company reported 2017 sales of \$9.6 billion. To learn more about L3, please visit the company's website at www.L3T.com.

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Except for historical information contained herein, the matters set forth in this news release are forward-looking statements. Statements that are predictive in nature, that depend upon or refer to events or conditions or that include words such as "expects," "anticipates," "intends," "plans," "believes," "estimates," "will," "could" and similar expressions are forward-looking statements. The forward-looking statements set forth above involve a number of risks and uncertainties that could cause actual results to differ materially from any such statement, including the risks and uncertainties discussed in the company's Safe Harbor Compliance Statement for Forward-Looking Statements included in the company's recent filings, including Forms 10-K and 10-Q, with the Securities and Exchange Commission. The forward-looking statements speak only as of the date made, and the company undertakes no obligation to update these forward-looking statements.

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* CANDU is a registered trademark of Atomic Energy of Canada Limited, used under license by Candu Energy Inc., a member of the SNC-Lavalin Group.

** A valid license to MAAP4 from EPRI as well as the rights to MAAP4-CANDU from the CANDU Owners Group (COG) are required prior to a customer being able to use MAAP4-CANDU with Licensee's simulator products. EPRI and COG do not endorse any third-party products or services.

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