

L-3 MAPPS to Implement GE's Main Generator Excitation System on the Cernavodă Simulator

MONTREAL, QUEBEC, CANADA, May 13, 2015 /EINPresswire.com/ -- L-3 MAPPS announced today that it has received an order from GE Energy Control Solutions (GE) to implement the new GE EX2100e main generator excitation control system on the Cernavodă full scope simulator owned and operated by Societatea Nationala Nuclearelectrica S.A. ("SNN"), a Romanian-based state-owned utilities company. The project is underway and is expected to be completed in the third quarter of 2016.

"We are pleased to have our first opportunity to work with GE and to make a further contribution to the Cernavodă simulator project for our longtime customer SNN," said Michael Chatlani, vice president of marketing & sales for L-3 MAPPS Power Systems and Simulation. "We expect this project to pave the way for future collaboration between GE and L-3 MAPPS."



The Cernavodă full scope simulator operates on a combined Linux/Windows platform using L-3 MAPPS' ROSE® 4 modeling environment. L-3 MAPPS will replace the legacy non-graphical GE Generrex main generator excitation system model with a graphical model of the new GE EX2100e. The human-machine interface (HMI) will be simulated using Orchid® Control System, L-3 MAPPS' software for the simulation of operator stations for plant process computers and digital control systems. The new HMI will provide Cernavodă's operators with a high-fidelity training environment to practice plant startup at power operations with the new main generator excitation system.

An initial version of the model and the HMI will be available by year's end, with training scheduled for early 2016 before the new excitation system is installed. Following the system's commissioning, L-3 MAPPS will provide support to fine-tune changes resulting from the system's go-live status, ensuring the simulator matches the plant system configuration.

Societatea Nationala Nuclearelectrica S.A. ("SNN") operates the only nuclear power plant in

Romania. The electricity annually generated by Cernavodă Units 1 and 2 represents approximately 18 percent of Romania's overall electricity production. Units 1 and 2 have been in commercial operation since December 1996 and October 2007, respectively. Both units are 706 MWe CANDU* units.

GE is an American multinational conglomerate corporation headquartered in Fairfield, Conn. GE operates through the following segments: Power and Water, Oil and Gas, Energy Management, Aviation, Healthcare, Transportation and Capital. In 2014, GE was ranked 9th among the Fortune 500's largest firms in the U.S. based on gross revenue.

L-3 MAPPS has over 30 years of experience in pioneering technological advances in the marine automation field and over 40 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. L-3 MAPPS also provides targeted controls and simulation solutions to the space sector. To learn more about L-3 MAPPS, please visit the company's website at www.L-3com.com/MAPPS.

Headquartered in New York City, L-3 employs approximately 45,000 people worldwide and is a prime contractor in aerospace systems and national security solutions. L-3 is also a leading provider of a broad range of communication and electronic systems and products used on military and commercial platforms. The company reported 2014 sales of \$12.1 billion. To learn more about L-3, please visit the company's website at www.L-3com.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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