

L3 MAPPS and IRSN to Collaborate on Flamanville 3 Simulator Upgrade

MONTREAL, QC, CANADA, September 17, 2018 /EINPresswire.com/ -- Upgraded simulator is expected to be in service in the third quarter of 2019

L3 MAPPS has been awarded a contract from the French Institute for Radiological Protection and Nuclear Safety (IRSN) to upgrade its Flamanville 3 (FA3) nuclear power plant engineering simulator, based on Framatome's EPR design.

"This project is the result of L3 MAPPS' competitiveness, state-of-the-art technology, EPR know-how and previous effective collaborations with IRSN," said Michael Chatlani, Vice President of Marketing & Sales for L3 MAPPS Power Systems and Simulation. "We're pleased our cooperation with IRSN on the SOFIA simulator continues."



IRSN's SOFIA Simulator

The FA3 simulator is one of four PWR simulator configurations that can be operated on the Simulateur d'Observation du Fonctionnement Incidentel et Accidentel (SOFIA). The current upgrade project involves modifications to align the simulator's FA3 plant models with the latest plant design information. The upgraded simulator will be carried out as a joint project between IRSN and L3 MAPPS.

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Robin Dorel, IRSN Project Manager for the SOFIA Simulator

“The simulator configuration upgrade will allow IRSN to improve its personnel training and safety analysis studies capabilities related to the Flamanville 3 nuclear power plant,” said Robin Dorel, IRSN Project Manager for the SOFIA Simulator. “The L3 MAPPS and IRSN teams have worked well together, and we look forward to jointly developing another successful project.”

The original FA3 simulator, developed by L3 MAPPS, has been in service since September 2011. IRSN's SOFIA simulator hosts four French plant configurations, namely CP2 (900 MWe), DPY (1,300 MWe), N4 (1,450 MWe) and EPR (1,650 MWe).

The upgrade project includes modifications to the plant models in L3 MAPPS' one-of-a-kind Orchid® Modeling Environment. The simulator's electrical and hydraulic systems will be updated by IRSN. L3 MAPPS will modify the safety and operational instrumentation & control systems.

IRSN will also modify the existing human-machine interface in L3 MAPPS' Orchid® Control System software with L3 MAPPS' support. The integration and testing phases will be shared by IRSN and L3 MAPPS.

About the French Institute for Radiological Protection and Nuclear Safety
IRSN is a public establishment with industrial and commercial activities placed under the joint supervision of France's Ministries of Defense, the Environment, Industry, Research and Health. It is France's public service expert in nuclear and radiation risks, and its activities cover all the related scientific and technical issues. IRSN expertise is also called upon by many French, European and international partners in the public and private sectors, and is involved in informing the public on nuclear and radiological risks.

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 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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