

L-3 MAPPS Secures Orders to Update the Fermi 2 Simulator

MONTREAL, QC, CANADA, September 27, 2016 /EINPresswire.com/ -- L-3 MAPPS announced today that it has been awarded contracts by DTE Energy to upgrade its Fermi 2 nuclear power plant simulator. The updates include enhancements of select plant models and replacement of the audiovisual (A/V) system on the full scope operator training simulator, along with the addition of a new classroom simulator. The projects are ongoing and are scheduled to be completed by the first quarter of 2017.

“L-3 MAPPS has been fortunate to be working as a partner on the Fermi simulator since 2003,” said Michael Chatlani, vice president of marketing & sales for L-3 MAPPS Power Systems and Simulation. “We are pleased to support this latest effort and look forward to partnering with DTE Energy well into the future.”

“Our collaboration with L-3 has produced solid results over the years,” said Bryan Crone, general supervisor, Operations Training department at DTE Energy’s Fermi 2 plant. “The service that we have received since the modernized simulator was first put into service 10 years ago has been reliable, and the Orchid® simulation platform has greatly facilitated our day-to-day work.”

Model upgrades include updating the simulator to account for FLEX* modifications introduced at the reference

plant and changes to the simulated off-gas control system. The FLEX update on the simulator includes the addition of an alternate source of cooling water and an external compressor to drive the non-interruptible air supply system. The simulator’s off-gas system modification involves control logic and virtual panel changes to reflect updates performed on the plant.

Additionally, the full scope simulator’s legacy A/V system, which includes analog cameras and microphones, will be replaced with digital equipment powered by Orchid Multimedia Manager. The



Fermi 2 Nuclear Plant Simulator



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Bryan Crone, general supervisor, Operations Training at DTE Energy

A/V system is used to monitor and record operators in the full scope simulator control room environment during training and for instructors to debrief trainees following training sessions. Orchid Multimedia Manager synchronizes the audio and video recordings with the simulator's instructor station.

L-3 MAPPS will also augment the full scope simulator by delivering a classroom simulator with three bays of Orchid Touch Interface equipment. Each Orchid Touch Interface bay will be equipped with four large touch screen monitors with

1080p full HD resolution to display and operate enhanced virtual panel graphics of the simulated control room.

DTE Energy Co. is a diversified energy company involved in the development and management of energy-related businesses and services nationwide. Located in Newport, Michigan, the Fermi 2 plant is a General Electric Boiling Water Reactor (BWR) power plant that produces 1.1 million kilowatts of electricity, representing 30 percent of Michigan's total nuclear generation capacity. This single plant is capable of producing enough electricity to serve a city of about one million people.

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 38,000 people worldwide and is a leading provider of a broad range of communication and electronic systems and products used on military and commercial platforms. L-3 is also a prime contractor in aerospace systems. The company reported 2015 sales of \$10.5 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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*FLEX is the U.S. nuclear industry's framework for a diverse, flexible approach to implement the lessons learned from Fukushima Daiichi and to address the U.S. Nuclear Regulatory Commission's recommendations.

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