

L-3 MAPPS to Augment South Texas Project Simulators With Severe Accident Simulation

MONTREAL, QC, CANADA, June 4, 2015 /EINPresswire.com/ -- L-3 MAPPS announced today that it has reached an agreement with STP Nuclear Operating Company to upgrade the South Texas Project full scope and classroom simulators to L-3 MAPPS' latest Orchid® simulation platform and to equip the simulators with severe accident simulation models. The project will begin soon and is scheduled to be completed in the fourth quarter of 2016.

“L-3 MAPPS has made significant strides in bringing severe accident simulation to nuclear power plant training simulators around the world,” said Michael Chatlani, vice president of marketing & sales for L-3 MAPPS Power Systems and Simulation. “We are very pleased that our valued, longtime customer in Texas will be able to reap the benefits of this advanced simulation functionality.”



In addition to the modernization of the simulator platforms to L-3's Orchid simulation environment, L-3 MAPPS will connect the Electric Power Research Institute's (EPRI) Modular Accident Analysis Program (MAAP5) to the South Texas Project simulators. MAAP5 is a software program that performs severe accident analysis for nuclear power plants, including assessments of core damage and radiological transport.* The simulators will also be equipped with new 2-D and 3-D animated, interactive visualizations of the reactor vessel, containment building and spent fuel pool to provide operators with additional insight into the behavior of the plant during severe accidents. The 2-D graphics will be made available in L-3's Orchid Control System and the 3-D visuals will be powered by Bridgeworks© from TriLink

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The upgraded South Texas Project simulators will be used for training scenarios relating to degraded reactor core conditions that result in fuel melting, including cladding oxidation and hydrogen generation, vessel failure, containment failure and fission product release.

The South Texas Project Electric Generating Station is located approximately 90 miles southwest of Houston near Bay City. The two-unit Westinghouse PWR facility, one of the nation's largest, produces 2,700 megawatts of carbon-free electricity, providing clean energy to approximately two million Texas homes. The facility is licensed and operated by STP Nuclear Operating Company and is jointly owned by the City of Austin (Austin Energy), the City of San Antonio (CPS Energy) and NRG Energy (NRG South Texas). The two-unit facility began commercial operation in August 1988 and June 1989, respectively.

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.

Safe Harbor Statement Under the Private Securities Litigation Reform Act of 1995

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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*A valid license to MAAP5 from EPRI is required prior to a customer being able to use MAAP5 with Licensee's simulator products. EPRI does not endorse any third-party products or services.

Bridgeworks is a trademark of Bridgeborn, Inc.

Orchid is a trademark of L-3 Communications MAPPS Inc. All other products are trademarks of their respective companies.

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