

L-3 MAPPS to Update Ling Ao and Ling Ao Phase II Reactor Core Models

L-3 MAPPS announced today that it has signed a contract with Daya Bay Nuclear Power Operations and Management Company (DNMC).

MONTREAL, QUEBEC, CANADA, August 14, 2014 /EINPresswire.com/ -- MONTREAL, August 14, 2014 – L-3 MAPPS announced today that it has signed a contract with Daya Bay Nuclear Power Operations and Management Company (DNMC), Ling Ao Nuclear Power Company (LANPC) and Ling Dong Nuclear Power Company (LDNPC) to provide reactor core model-related services for three simulators at the Daya Bay Training Center near Shenzhen, Guangdong Province, China. The project will commence immediately and the simulators are all expected to be in service in the first quarter of 2015.



“It is an honor to continue supplying advanced simulation software and services to our esteemed customers in the China General Nuclear Power Group,” said Michael Chatlani, vice president of marketing & sales for L-3 MAPPS. “Through these updates, we expect to introduce a higher level of consistency between the older Ling Ao and the newer Ling Ao Phase II simulators, while improving the fidelity of the Ling Ao simulator’s reactor model.”

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Michael Chatlani, vice president of marketing & sales

L-3’s Orchid® Core Builder will be employed to update the fuel cycle data to the latest plant fuel cycle data on the two full scope simulators for the Ling Ao Phase II nuclear plant. In addition, Orchid Core Builder will be added to the Ling Ao full scope simulator to make it consistent with the Ling Ao Phase II simulators, the original Comet™ reactor model will be replaced with the Comet Plus™ model, and a similar fuel cycle update will be performed.

Orchid Core Builder is L-3 MAPPS’ graphical utility for the easy creation and validation of cycle-specific reactor core data. The utility generates an advanced reactor kinetics model (Comet Plus) based on the Nodal Expansion Method. Orchid Core Builder is also equipped with an initial condition (IC) transfer mechanism to automate the process of creating

ICs following fuel cycle updates.

The Ling Ao Phase II nuclear plant, owned by Ling Dong Nuclear Power Company, comprises the first two CPR1000 nuclear generating units that were put into commercial operation – the first unit in September 2010 and the second in August 2011. The CPR1000 is a Chinese standard design featuring a 1,080-megawatt (MWe) three-loop pressurized water reactor (PWR). The Ling Ao Phase II full scope simulator, built by L-3 MAPPS in cooperation with AREVA and Siemens, was put into service in August 2009.

The Ling Ao nuclear plant, owned by Ling Ao Nuclear Power Company, comprises the two AREVA-designed 938 MWe three-loop PWR units that were put into commercial operation – the first unit in February 2002 and the second in December 2002. The Ling Ao full scope simulator, built by L-3 MAPPS, was put into service in October 2003.

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 48,000 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 2013 sales of \$12.6 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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