Constellation Energy Nuclear Group's Calvert Cliffs Nuclear Power Plant Unit 1 Completes Planned Refueling Outage

Key Generator of Emission-Free Electricity Poised to Continue Safe, Reliable Operations

BALTIMORE, Mar 23, 2010 (BUSINESS WIRE) -- Constellation Energy Nuclear Group's Calvert Cliffs Nuclear Power Plant Unit 1 in Lusby, Md., returned to service Tuesday following the completion of a planned refueling and maintenance outage. The refueling outage began Feb. 20 at 7:20 p.m. and was completed on March 22 at 3:29 a.m.

During the outage, workers performed approximately 9,000 inspections and maintenance activities on a variety of plant components and systems. These activities included replacing a third of the reactor's fuel. Many of the activities performed during the outage cannot be performed while the unit is running and all are designed to ensure the continued safe and reliable production of electricity.

"The completion of this outage is an investment in clean, reliable and emissions-free electricity, as well as part of our commitment to continued safe operation," said George Gellrich, vice president of Calvert Cliffs Nuclear Power Plant. "It takes a lot of planning and teamwork to safely complete an outage. We received the support of more than 900 workers from throughout southern Maryland and beyond as well as from our other Constellation Energy Nuclear Group plants in New York."

Since Unit 1's previous refueling outage in 2008, the unit was online producing electricity for 685 days. Shorter refueling outages and longer operating cycles benefit the consumer by optimizing nuclear energy's benefits as a reliable source of emissions-free electricity.

Unit 2 continues to operate at full power.

Constellation Energy Nuclear Group owns Calvert Cliffs Nuclear Power Plant, which is located approximately 50 miles southeast of Washington, D.C. The station's two nuclear energy units can produce a total of more than 1,750 megawatts at full power - enough electricity to power more than 1 million homes or about 20 percent of Maryland's electricity needs.

About Constellation Energy Nuclear Group, LLC

Constellation Energy Nuclear Group, LLC (CENG), headquartered in Baltimore, Maryland, is a strategic joint venture of Constellation Energy (NYSE: CEG) and EDF Group. CENG owns and operates three generating stations, Calvert Cliffs Nuclear Power Plant, in Lusby, MD.; R.E. Ginna Nuclear Power Plant in Ontario, N.Y. and Nine Mile Point Nuclear Station in Scriba, N.Y. The 2009 annual electricity production was more than 32 million megawatt-hours, meeting the energy needs of 2.5 million homes. CENG has approximately 2,800 employees.

SOURCE: Constellation Energy Nuclear Group, LLC

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