

Pursuant to Rule 425 under the Securities Act of 1933
and deemed filed pursuant to Rule 14a-12 of the Securities Exchange Act of 1934

Subject Company: Constellation Energy Group, Inc.
(Commission File No. 1-12869)

On April 28, 2011, Exelon sent the following message to certain of its employees:

Note from Mike Pacilio to all Exelon Nuclear employees

Dear Colleagues:

By now, you've likely seen the news that Exelon has agreed to merge with Constellation Energy Group. This is an exciting development for Exelon and for Exelon Nuclear; it offers a platform for future growth for our company and expands our nuclear fleet.

After the merger, CENG will remain largely as it is today, as a separate operating group for its three nuclear stations – Calvert Cliffs in Maryland, Nine Mile Point and Ginna in New York. All of these well-run PWRs and BWRs have successfully extended their licenses. They will continue to operate as Constellation Energy Nuclear Group LLC.

The addition of CENG fleet of five operating reactors will solidify Exelon's place as the largest, most efficient nuclear company in America. We have long-standing and positive working relationships with CENG and its partner, the French utility Électricité de France (EDF), the largest nuclear operator in the world. So the merger promises to bring Exelon Nuclear new, productive associations.

As part of the merger, Exelon Nuclear headquarters will officially shift from Cantera to Kennett Square. Cantera will continue in its role as the Midwest Headquarters of Exelon Nuclear. The transition will take place over a number of years, and I expect that we will manage it fully through reassigned open positions, normal attrition and voluntary relocations. Eventually, we expect about 100 Cantera positions to be reassigned. The merger will have virtually no impact on the operating sites.

More information will be shared on a regular basis as we move through the transition, but at the forefront I want to reassure you of a few things we know for certain:

- **This will be a positive change for Nuclear** – We're merging with a good company that fits well with Exelon Nuclear's strategic direction. CENG is a strong player in the nuclear industry with talented employees and a competitive business model, very much like Exelon Nuclear. EDF is a major force in the world nuclear industry and we will learn from their experience.
- **The transition will take time** – Exelon will not close on the transaction until the first quarter of 2012. It could take another year beyond that for us to fully understand what position reassignments are appropriate.
- **We need to stay focused on our mission** – This change will be exciting for all of us. Some of you may be asked to provide assistance as we work through the transition. But we absolutely must stay focused on our goal of being the safest, most efficient nuclear operation in America – by paying unconditional attention to our tasks, nuclear safety and the safety of our fellow workers.

We will be working through details in the coming months, and I commit to keeping you informed throughout that process. In the meantime, your feedback is important. So make sure you ask questions, preferably directed to your supervisors, and we will make sure answers are forthcoming.

Thank you for your continued focus on Exelon Nuclear's success.

Sincerely,

Mike

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Cautionary Statements Regarding Forward-Looking Information Except for the historical information contained herein, certain of the matters discussed in this communication constitute "forward-looking statements" within the meaning of the Securities Act of 1933 and the Securities Exchange Act of 1934, both as amended by the Private Securities Litigation Reform Act of 1995. Words such as "may," "will," "anticipate," "estimate," "expect," "project," "intend," "plan," "believe," "target," "forecast," and words and terms of similar substance used in connection with any discussion of future plans, actions, or events identify forward-looking statements. These forward-looking statements include, but are not limited to, statements regarding benefits of the proposed merger, integration plans and expected synergies, the expected timing of completion of the transaction, anticipated future financial and operating performance and results, including estimates for growth. These statements are based on the current expectations of management of Exelon Corporation (Exelon) and Constellation Energy Group, Inc. (Constellation), as applicable. There are a number of risks and uncertainties that could cause actual results to differ materially from the forward-looking statements included in this communication. For example, (1) the companies may be unable to obtain shareholder approvals required for the merger; (2) the companies may be unable to obtain regulatory approvals required for the merger, or required regulatory approvals may delay the merger or result in the imposition of conditions that could have a material adverse effect on the combined company or cause the companies to abandon the merger; (3) conditions to the closing of the merger may not be satisfied; (4) an unsolicited offer of another company to acquire assets or capital stock of Exelon or Constellation could interfere with the merger; (5) problems may arise in successfully integrating the businesses of the companies, which may result in the combined company not operating as effectively and efficiently as expected; (6) the combined company may be unable to achieve cost-cutting synergies or it may take longer than expected to achieve those synergies; (7) the merger may involve unexpected costs, unexpected liabilities or unexpected delays, or the effects of purchase accounting may be different from the companies' expectations; (8) the credit ratings of the combined company or its subsidiaries may be different from what the companies expect; (9) the businesses of the companies may suffer as a result of uncertainty surrounding the merger; (10) the companies may not realize the values expected to be obtained for properties expected or required to be divested; (11) the industry may be subject to future regulatory or legislative actions that could adversely affect the companies; and (12) the companies may be adversely affected by other economic, business, and/or competitive factors. Other unknown or unpredictable factors could also have material adverse effects on future results, performance or achievements of the combined company. Discussions of some of these other important factors and assumptions are contained in Exelon's and Constellation's respective filings with the Securities and Exchange Commission (SEC), and available at the SEC's website at www.sec.gov, including: (1) Exelon's 2010 Annual Report on Form 10-K in (a) ITEM 1A. Risk Factors, (b) ITEM 7. Management's Discussion and Analysis of Financial Condition and Results of Operations and (c) ITEM 8. Financial Statements and Supplementary Data: Note 18; (2) Exelon's Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2011 in (a) Part II, Other Information, ITEM 1A. Risk Factors, (b) Part 1, Financial Information, ITEM 2. Management's Discussion and Analysis of Financial Condition and Results of Operations and (c) Part I, Financial Information, ITEM 1. Financial Statements: Note 12; and (3) Constellation's 2010 Annual Report on Form 10-K in (a) ITEM 1A. Risk Factors, (b) ITEM 7. Management's Discussion and Analysis of Financial Condition and Results of Operations and (c) ITEM 8. Financial Statements and Supplementary Data: Note 12. These risks, as well as other risks associated with the proposed merger, will be more fully discussed in the joint proxy statement/prospectus that will be included in the Registration Statement on Form S-4 that Exelon will file with the SEC in connection with the proposed merger. In light of these risks, uncertainties, assumptions and factors, the forward-looking events discussed in this communication may not occur. Readers are cautioned not to place undue

reliance on these forward-looking statements, which speak only as of the date of this communication. Neither Exelon nor Constellation undertake any obligation to publicly release any revision to its forward-looking statements to reflect events or circumstances after the date of this communication.

Additional Information and Where to Find it

This communication does not constitute an offer to sell or the solicitation of an offer to buy any securities, or a solicitation of any vote or approval, nor shall there be any sale of securities in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction. Exelon intends to file with the SEC a registration statement on Form S-4 that will include a joint proxy statement/prospectus and other relevant documents to be mailed by Exelon and Constellation to their respective security holders in connection with the proposed merger of Exelon and Constellation. WE URGE INVESTORS AND SECURITY HOLDERS TO READ THE JOINT PROXY STATEMENT/PROSPECTUS AND ANY OTHER RELEVANT DOCUMENTS WHEN THEY BECOME AVAILABLE, BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION about Exelon, Constellation and the proposed merger. Investors and security holders will be able to obtain these materials (when they are available) and other documents filed with the SEC free of charge at the SEC's website, www.sec.gov. In addition, a copy of the joint proxy statement/prospectus (when it becomes available) may be obtained free of charge from Exelon Corporation, Investor Relations, 10 South Dearborn Street, P.O. Box 805398, Chicago, Illinois 60680-5398, or from Constellation Energy Group, Inc., Investor Relations, 100 Constellation Way, Baltimore, MD 21202. Investors and security holders may also read and copy any reports, statements and other information filed by Exelon, or Constellation, with the SEC, at the SEC public reference room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 or visit the SEC's website for further information on its public reference room.

Participants in the Merger Solicitation

Exelon, Constellation, and their respective directors, executive officers and certain other members of management and employees may be deemed to be participants in the solicitation of proxies in respect of the proposed transaction. Information regarding Exelon's directors and executive officers is available in its proxy statement filed with the SEC by Exelon on March 24, 2011 in connection with its 2011 annual meeting of shareholders, and information regarding Constellation's directors and executive officers is available in its proxy statement filed with the SEC by Constellation on April 15, 2011 in connection with its 2011 annual meeting of shareholders. Other information regarding the participants in the proxy solicitation and a description of their direct and indirect interests, by security holdings or otherwise, will be contained in the joint proxy statement/prospectus and other relevant materials to be filed with the SEC when they become available.

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