UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. D.C. 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (date of earliest event reported: November 1, 2010

Angeion Corporation

(Exact name of Registrant as Specified in its Charter)

Minnesota (State or Other Jurisdiction of Incorporation)

001-13543 (Commission File Number) **41-1579150** (I.R.S. Employer Identification No.)

350 Oak Grove Parkway Saint Paul, MN (Address of principal executive offices)

55127-8599 (Zip Code)

651-484-4874

Registrant's telephone number, including area code

Not Applicable

(Former Name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

 \Box Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On November 3, 2010, Angeion Corporation announced that its Board of Directors had appointed Gregory W. Beasley as a director of Angeion effective November 1, 2010 to serve a term until the 2011 Annual Meeting of Shareholders.

Mr. Beasley, 47, is the managing partner of G. Woodrow and Company, a San Francisco based consulting firm that provides innovative marketing, business development, and business process design services for startups and global firms. Prior to founding G. Woodrow and Company in 2002, Mr. Beasley served from 1998 to 2001 as Vice President of Business Development and International Accounts for Vicinity Corporation, an internet local search company. Before joining Vicinity, Mr. Beasley ran the Consumer Division of Worlds.com, and prior to that he co-founded and operated Software Care Limited, a London–based healthcare software company providing innovative medical enterprise software products.

The Board of Directors intends to add Mr. Beasley to the Compensation Committee and to have Mr. Beasley participate in one or more planning committees of the Board of Directors.

Item 9.01 Financial Statements and Exhibits:

Exhibit NumberDescription

Exhibit 99.1 Angeion Corporation Press Release dated November 3, 2010 announcing appointment of Gregory W. Beasley to Angeion Board of Directors.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ANGEION CORPORATION

Dated: November 4, 2010

By: /s/ Rodney A. Young

Rodney A. Young President and Chief Executive Officer

Exhibit 99.1

Angeion Corporation 350 Oak Grove Parkway Saint Paul, MN 55127 USA Telephone: (651) 484-4874 Facsimile: (651) 484-4826



FOR IMMEDIATE RELEASE Angeion Announces New Board Member

Gregory W. Beasley Joins Board of Directors

Saint Paul, Minn. — (November 3, 2010) — Angeion Corporation (NASDAQ: ANGN) today announced Gregory W. Beasley has been appointed to its Board of Directors, effective November 1, 2010.

Mr. Beasley is the managing partner of G. Woodrow and Company, a San Francisco based consulting firm that provides innovative marketing, business development, and business process design services for startups and global firms. Prior to founding G. Woodrow and Company, Mr. Beasley served from 1998 to 2001 as Vice President of Business Development and International Accounts for Vicinity Corporation, an internet local search company.

Before joining Vicinity, Mr. Beasley ran the Consumer Division of Worlds.com, and prior to that he co-founded and operated Software Care Limited, a London–based healthcare software company providing innovative medical enterprise software products.

"Greg's background in medical, consumer, and software products, as well as his extensive experience as a consultant in a wide range of industries makes him uniquely qualified to contribute to both of Angeion's MedGraphics and New Leaf Health and Fitness product lines. We are very pleased to have Greg as a member of our Board of Directors," said Mark Sheffert, Chairman of the Board.

"Angeion's products have an important role in keeping the world healthy", said Beasley. "I am eager to work with the new board and executive team to maximize Angeion's potential."

About Angeion Corporation

Founded in 1986, Angeion Corporation acquired Medical Graphics Corporation in December 1999. Medical Graphics develops, manufactures and markets non-invasive cardiorespiratory diagnostic systems that are sold under the MedGraphics (www.medgraphics.com) and New Leaf (www.newleaffitness.com) brand and trade names. These cardiorespiratory diagnostic systems have a wide range of applications in healthcare as well as health and fitness. The Company's products are sold internationally through distributors and in the United States through a direct sales force that targets heart and lung specialists located in hospitals, university-based medical centers, medical clinics and physicians' offices, pharmaceutical companies, medical device manufacturers, clinical research organizations, health and fitness clubs, personal training studios, and other exercise facilities. For more information about Angeion, visit www.angeion.com.

Contacts: Mark W. Sheffert, Chairman of the Board, (612) 436-2818 Rodney A. Young, President and Chief Executive Officer, (651) 484-4874