UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K/A

(Amendment No. 1)

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 16, 2011

Air Products and Chemicals, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction of Incorporation) 1-4534 (Commission File Number) 23-1274455 (IRS Employer Identification No.)

7201 Hamilton Boulevard, Allentown, Pennsylvania (Address of Principal Executive Offices) 18195-1501 (Zip Code)

(610) 481-4911

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 (See General Instruction A.2. below):

□ 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)

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

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

On May 25, 2011, the Company filed a Current Report on Form 8-K (the "Original Report") to report under Item 5.02 that effective July 20, 2011, the Board of Directors of the Company elected Susan K. Carter to the Board of Directors. The Original Report is hereby amended pursuant to Instruction 2 to Item 5.02 of Form 8-K to provide the information set forth herein, which was not determined at the time of the Original Report.

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

On November 16, 2011, the Board of Directors of the Company approved the appointment of Ms. Carter to the Audit and Finance Committees of the Board of Directors, effective following the annual meeting of shareholders on January 26, 2012, subject to her election by shareholders.

SIGNATURES

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.

<u>Air Products and Chemicals, Inc.</u> (Registrant)

Dated: November 22, 2011

By:

/s/ Paul E. Huck Paul E. Huck Senior Vice President and Chief Financial Officer