

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, 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) 19 May 2005

Air Products and Chemicals, Inc.
(Exact Name of Registrant as Specified in Charter)

Delaware

1-4534

23-1274455

(State or Other Jurisdiction
of Incorporation)

(Commission File Number)

(IRS Employer
Identification No.)

7201 Hamilton Boulevard, Allentown, Pennsylvania

18195-1501

(Address of Principal Executive Offices)

(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)
- 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 Principal Officers; Election of
Directors; Appointment of Principal Officers.

At its meeting on 19 May 2005, the Board of Directors elected Charles H. Noski director of the Company, effective immediately, and William L. Davis, III, director of the Company, effective 20 July 2005. Mr. Noski was also appointed to the Finance Committee of the Board and Mr. Davis will be appointed to the Audit Committee of the Board.

Mr. Noski's term will expire at the Annual Meeting of Shareholders in January 2006 and Mr. Davis's term will expire at the Annual Meeting of Shareholders in January 2007.

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.

Air Products and Chemicals, Inc.

(Registrant)

Dated: 19 May 2005

By: /s/ Paul E. Huck

Paul E. Huck
Vice President and Chief
Financial Officer