AIRGAS SOUTHWEST INC Form 8-K September 06, 2007

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 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): September 6, 2007 AIRGAS, INC.

(Exact name of registrant as specified in its charter)

Delaware 1-9344 56-0732648

(State or other jurisdiction of incorporation) (Commission File Number) (I.R.S. Employer Identification No.)

259 North Radnor-Chester Road, Suite 100 Radnor, PA 19087-5283

(Address of principal executive offices)

Registrant s (610) 687-5253 telephone number, including area code:

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):

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425).
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12).
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)).
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c)).

Item 7.01 Regulation FD Disclosure

On September 6, 2007, Airgas, Inc. (the Company) is holding its annual analyst meeting in Philadelphia, Pennsylvania. At the meeting, the Company is announcing certain financial targets for fiscal years 2011 and 2008. A press release containing the financial targets is attached as Exhibit 99.1 and incorporated herein by reference. Item 9.01 Financial Statements and Exhibits

- (a) None
- (b) None
- (c) None
- (d) Exhibits.
 - 99.1 Press Release dated September 6, 2007

Signatures

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

AIRGAS, INC.

(Registrant)

BY: /s/

Thomas M. Smyth

Thomas M. Smyth

Vice President & Controller (Principle Accounting Officer)

AIRGAS EAST, INC.

AIRGAS GREAT LAKES, INC.

AIRGAS MID AMERICA, INC.

AIRGAS NORTH CENTRAL, INC.

AIRGAS SOUTH, INC.

AIRGAS GULF STATES, INC.

AIRGAS MID SOUTH, INC.

AIRGAS INTERMOUNTAIN, INC.

AIRGAS NORPAC, INC.

AIRGAS NORTHERN CALIFORNIA & NEVADA, INC.

AIRGAS SOUTHWEST, INC.

AIRGAS WEST, INC.

AIRGAS SAFETY, INC.

AIRGAS CARBONIC, INC.

AIRGAS SPECIALTY GASES, INC.

NITROUS OXIDE CORP.

RED-D-ARC, INC.

AIRGAS DATA, LLC

(Co-Registrants)

BY: /s/

Thomas M. Smyth

Thomas M. Smyth Vice President

(Principle Accounting Officer)

DATED: September 6, 2007