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): February 4, 2011

A. O. Smith Corporation

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction

of incorporation)

1-475 (Commission **39-0619790** (IRS Employer

Identification No.)

File Number) 11270 West Park Place, Milwaukee, Wisconsin 53224-9508

(Address of principal executive offices, including zip code)

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(414) 359-4000

(Registrant s telephone number)

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 communication 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 204.14a-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 13-e4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01. Other Events

A. O. Smith Corporation (the Company) announced that it and Regal Beloit Corporation (RBC) have each received a second request for information from the Antitrust Division of the United States Department of Justice under the Hart-Scott-Rodino Antitrust Improvements Act of 1976. The request relates to the pending disposition of the Company s electric motors business to RBC.

A copy of the Company s news release is attached as Exhibit 99.1 to this Current Report on Form 8-K (this Current Report) and is incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits

The following exhibit is being filed herewith:

(99.1) News Release of A. O. Smith Corporation, dated February 4, 2011.

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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.

A. O. SMITH CORPORATION

Date: February 4, 2011

By: /s/ James F. Stern James F. Stern

Executive Vice President,

General Counsel and Secretary

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A. O. SMITH CORPORATION

Exhibit Index to Current Report on Form 8-K Dated February 4, 2011

Exhibit

NumberDescription99.1News Release of A. O. Smith Corporation, dated February 4, 2011

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