SMITH A O CORP Form 4 July 20, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

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may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * O TOOLE ROBERT J

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

SMITH A O CORP [AOS]

(First) (Middle) (Last)

(Street)

(State)

07/20/2006

3. Date of Earliest Transaction

(Month/Day/Year) 07/20/2006

X_ Director 10% Owner Officer (give title Other (specify

(Check all applicable)

2401 WEST CEDAR LANE

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

below)

RIVER HILLS, WI 53217

(City)

Common

Stock

1.Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) (Instr. 3) Code (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

(Zip)

5. Amount of Securities Beneficially Owned Following Reported (Instr. 4)

7. Nature of Ownership Indirect Form: Direct Beneficial (D) or Ownership Indirect (I) (Instr. 4)

(A)

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

A 665 (1) 341,086 D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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| | 1. Title of | 2. | 3. Transaction Date | | 4. | 5. | 6. Date Exercis | | 7. Title and Amount of | 8. Price of | 9. Nu |
|--------------------------------------|-------------|---|---------------------|---|---------------------------------|--|-----------------|--------------------|--|--------------------------------------|---|
| Derivative Security (Instr. 3) | | Conversion or Exercise Price of Derivative Security | (Month/Day/Year) | Execution Date, if any (Month/Day/Year) | Transacti Code (Instr. 8) | orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | | Underlying Securities (Instr. 3 and 4) | Derivative Security (Instr. 5) | Deriv Secur Bene Own Follo Repo Trans (Instr |
| | | | | | Code V | ĺ | | Expiration Date | Title Amour or Numbe of Shares | er | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--------------------------------|---------------|-----------|---------|-------|--|--|--|
| | Director | 10% Owner | Officer | Other | | | |
| O TOOLE ROBERT J | | | | | | | |
| 2401 WEST CEDAR LANE | X | | | | | | |
| RIVER HILLS WI 53217 | | | | | | | |

Signatures

Kenneth J. Maciolek, Attorney-in-Fact for Robert J. 07/20/2006 O'Toole

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Payment of portion of retainer in stock under the A. O. Smith Corporation Directors' Compensation Plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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