JONES PAUL W Form 4 February 10, 2010

FORM 4

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

OMB APPROVAL OMB

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** Form 4 or

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * JONES PAUL W

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(First) (Middle) (Last)

SMITH A O CORP [AOS] 3. Date of Earliest Transaction

(Check all applicable) _X__ Director 10% Owner

Chair, Pres. and CEO

A. O. SMITH CORPORATION, 11270 WEST PARK PLACE

(Street)

(State)

(Month/Day/Year) 02/08/2010

X_ Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check

4. If Amendment, Date Original

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting

MILWAUKEE, WI 53224

(City)

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

1. Title of 2. Transaction Date 2A. Deemed Security (Instr. 3)

(Month/Day/Year) Execution Date, if (Month/Day/Year)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of 6. Ownership Securities Form: Direct Beneficially Owned (Instr. 4) Following

7. Nature of Indirect (D) or Indirect Beneficial Ownership (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount of **Underlying Securities**

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed (D) (Instr. 3, 4, and 5)		/Year)	(Instr. 3 and	4)
				Code V	(A) (I	D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (Right to Buy)	\$ 41.895	02/08/2010		A	54,400	<u>(1)</u>	02/08/2020	Common Stock	54,400
Restricted Stock Units	\$ 41.895	02/08/2010		A	19,800	(2)	(2)	Common Stock	19,800

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting 6 wher runne / runne 6	Director	10% Owner	Officer	Other			
JONES PAUL W A. O. SMITH CORPORATION 11270 WEST PARK PLACE MILWAUKEE, WI 53224	X		Chair, Pres. and CEO				

Signatures

James F. Stern, Attorney-in-Fact for Paul W. Jones 02/10/2010

**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) The employee stock options were granted on 02/08/2010 under the A. O. Smith Combined Incentive Compensation Plan, a transaction exempt under Rule 16b-3. The options become exercisable in three annual installments of 1/3 of the award starting on 02/08/2011.
- (2) The restricted stock units were granted on 02/08/2010 under the A. O. Smith Combined Incentive Compensation Plan, a transaction exempt under Rule 16b-3. The restricted stock units become payable in Common Stock on the vesting date of 02/08/2013.

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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