FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

OMB Number: Estimated average burden hours per response: 0.5

Check this box if no longer subject to)
Section 16. Form 4 or Form 5	
obligations may continue. See	
Instruction 1(h)	

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* MARTIN DENNIS J						2. Issuer Name and Ticker or Trading Symbol SMITH A O CORP [AOS]								Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner							
(Last) GENERA	`	rst) (Middle)			3. Date of Earliest Transaction (Month/Day/Year) 01/15/2004								Λ	Officer (give title below)			Other (s			
ONE GBC PLAZA					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street) NORTHBROOK IL 60062															X Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(Si	ate) (Zip)																		
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)						Execution			Code (Ir	4. Securities Acquir ction Disposed Of (D) (Ins nstr. 5)			nd S	5. Amount of Securities Beneficially Owned Following Reported		Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)			
								Code	v	Amount	t (A) or (D)		. 1	Transac	ction(s) 3 and 4)			(111341. 4)			
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution D if any (Month/Day/	ate, T	4. Transactic Code (Ins				6. Date Exer Expiration I (Month/Day)	ate		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)		9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownersh Form: Direct (D) or Indirect (I) (Instr.	Ownership	Beneficial Ownership t (Instr. 4)		
				c	ode	v	(A)	(D)	Date Exercisable		opiration	Title	Amoun or Numbe of Shares	1							
Phantom Stock Award ⁽¹⁾	\$34.01	01/15/2004			J		111		(2)		(2)	Common Stock	111	\$3	4.01	111		D			

Explanation of Responses:

- 1. Payment of portion of retainer in phantom stock under the A. O. Smith Corporation Directors' Compensation Plan based on the market price of the Common Stock on January 15, 2004.
- 2. The Plan (See Footnote #1) permits the participant/recipient to defer the receipt of the award and Mr. Martin has made a deferral.

Remarks:

Kenneth J. Maciolek, Attorney- 01/16/2004 in-Fact for Dennis J. Martin

** Signature of Reporting Person

Date

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

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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