

SCHEDULE 14A INFORMATION

PROXY STATEMENT PURSUANT TO SECTION 14(a)
OF THE SECURITIES EXCHANGE ACT OF 1934
(AMENDMENT NO.)

Filed by the registrant [X]

Filed by a party other than the Registrant []

Check the appropriate box:

- [] Preliminary Proxy Statement
Confidential, for the Use of the Commission Only (as permitted by
Rule 14a-6(e)(2))
- [X] Definitive Proxy Statement
- [] Definitive Additional Materials
- [] Soliciting Material Pursuant to Section 240.14a-11(c)
or Section 240.14a-12

A. O. Smith Corporation

(Name of Registrant as Specified in Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- [X] No fee required
- [] Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11

- 1) Title of each class of securities to which transaction
applies: _____
- 2) Aggregate number of securities to which transaction
applies: _____
- 3) Per unit price or other underlying value of transaction computed
pursuant to Exchange Act Rule 0-11 (set forth the amount on which
the filing fee is calculated and state how it was determined):

- 4) Proposed maximum aggregate value of
transaction: _____
- 5) Total fee paid: _____

- [] Fee paid previously with preliminary materials
- [] Check box if any part of the fee is offset as provided by Exchange
Act Rule 0-11(a)(2) and identify the filing for which the offsetting
fee was paid previously. Identify the previous filing by registration
statement number, or the Form or Schedule and the date of its filing.

- 1) Amount Previously Paid _____
- 2) Form, Schedule or Registration Statement No.: _____
- 3) Filing Party: _____
- 4) Date Filed: _____

[AO SMITH CORPORATION LOGO]

P.O. BOX 245009
MILWAUKEE, WI 53224-9509

NOTICE AND PROXY STATEMENT

NOTICE OF 2003 ANNUAL MEETING OF STOCKHOLDERS

PLEASE TAKE NOTICE that the annual meeting of the stockholders of A. O. SMITH CORPORATION ("Company") will be held on Monday, April 7, 2003, at 10:30 A.M., Eastern Time, at the Hotel du Pont, 11th and Market Streets, Wilmington, Delaware, for the following purposes:

- (1) To elect four directors chosen by the holders of Class A Common Stock.
- (2) To elect two directors chosen by the holders of Common Stock.
- (3) To ratify the appointment of Ernst & Young LLP as the Company's independent auditors for 2003.
- (4) To transact such other business and act upon such other matters which may properly come before the meeting or any adjournments thereof.

Only holders of record of the Class A Common Stock and the Common Stock of the Company at the close of business on February 26, 2003, will be entitled to notice of and to vote at the meeting. The list of stockholders entitled to vote at the meeting will be available at our offices at 11270 West Park Place, Milwaukee, Wisconsin, as of March 24, 2003, for examination by stockholders for purposes related to the meeting.

YOU ARE INVITED TO ATTEND THE MEETING IN PERSON; HOWEVER, EVEN IF YOU PLAN TO ATTEND THE MEETING IN PERSON, PLEASE TAKE A FEW MINUTES TO COMPLETE, DATE AND SIGN THE ENCLOSED PROXY AND MAIL IT PROMPTLY IN THE ENCLOSED ENVELOPE. IF YOU ARE A SHAREHOLDER OF RECORD (YOUR SHARES ARE IN YOUR NAME), THEN YOU ALSO MAY VOTE YOUR SHARES VIA THE TELEPHONE BY ACCESSING THE TOLL-FREE NUMBER INDICATED ON YOUR PROXY CARD OR VIA THE INTERNET BY ACCESSING THE WORLDWIDE WEBSITE INDICATED ON YOUR PROXY CARD. IF YOU ATTEND THE MEETING, THEN YOU MAY REVOKE YOUR PROXY AND VOTE YOUR SHARES IN PERSON. YOUR ATTENTION IS DIRECTED TO THE PROXY STATEMENT ENCLOSED WITHIN.

W. David Romoser
Secretary

March 5, 2003

[AO SMITH CORPORATION LOGO]

P.O. BOX 245009
MILWAUKEE, WI 53224-9509

PROXY STATEMENT
GENERAL INFORMATION

This proxy statement is furnished to stockholders of A. O. Smith Corporation ("Company") in connection with the solicitation by its Board of Directors of proxies for use at the annual meeting of stockholders of the Company to be held on April 7, 2003, at 10:30 A.M., Eastern Time, at the Hotel du Pont, 11th and Market Streets, Wilmington, Delaware.

The record date for stockholders entitled to notice of and to vote at the meeting is the close of business on February 26, 2003 (the "Record Date"). As of the Record Date, the Company had issued 8,586,792 shares of Class A Common Stock, par value \$5 per share, 8,554,197 shares of which were outstanding and entitled to one vote each for Class A Common Stock directors and other matters. As of the Record Date, the Company had issued 23,962,570 shares of Common Stock, par value \$1 per share, 20,485,726 shares of which were outstanding and entitled to one vote each for Common Stock directors and one-tenth (1/10th) vote each for other matters.

The Notice of 2003 Annual Meeting of Stockholders, this proxy statement, form of proxy card and the Company's 2002 Annual Report are being mailed on or about March 5, 2003, to each stockholder of the Company at the holder's address of record.

Under the Company's Restated Certificate of Incorporation, as long as the number of outstanding shares of Common Stock is at least 10% of the aggregate number of outstanding shares of Class A Common Stock, the holders of the Class A Common Stock and holders of the Common Stock vote as separate classes in the election of directors. The holders of the Common Stock are entitled to elect, as a class, 25% of the entire Board of Directors of the Company, and the holders of Class A Common Stock are entitled to elect the remainder of the Board. Stockholders are entitled to one vote per share in the election of directors for their class of stock.

A majority of the outstanding shares entitled to vote must be represented in person or by proxy at the meeting in order to constitute a quorum for purposes of holding the annual meeting. The voting by stockholders at the meeting is conducted by the inspectors of election. Abstentions and broker nonvotes are counted as present in determining whether the quorum requirement is met.

Directors are elected by a plurality of the votes cast, by proxy or in person, with the holders voting as separate classes. A plurality of votes means that the nominees who receive the greatest number of votes cast are elected as directors. Consequently, any shares that are not voted, whether by abstention, broker nonvotes or otherwise, will have no effect on the election of directors.

For all other matters considered at the meeting, both classes of stock vote together as a single class, with the Class A Common Stock entitled to one vote per share and the Common Stock entitled to one-tenth (1/10th) vote per share. Each such other matter is approved if a majority of the votes present or represented at the meeting are cast in favor of the matter. On such other matters, an abstention will have the same effect as a "no" vote but, because shares held by brokers will not be considered entitled to vote on matters as to which the brokers withhold authority, a broker nonvote will have no effect on the vote.

The enclosed proxy is solicited by and on behalf of the Board of Directors of the Company. A proxy may be revoked by the person giving it at any time before the exercise thereof by delivering written notice of revocation or a duly executed proxy bearing a later date to the Secretary of the Company or by attending the meeting and voting in person. All valid proxies not revoked will be voted unless marked to abstain. Where a choice is specified

on a proxy, the shares represented by such proxy will be voted in accordance with the specification made. If no instruction is indicated, then the shares will be voted FOR proposals (1) through (3) set forth in the accompanying notice.

The cost of soliciting proxies, including preparing, assembling and mailing the notice of meeting, proxy statement, form of proxy and other soliciting materials, as well as the cost of forwarding such material to the beneficial owners of stock, will be paid by the Company. In addition to solicitation by mail, directors, officers, regular employees of the Company and others may also, but without compensation other than their regular compensation, solicit proxies personally or by telephone or other means of electronic communication. The Company may reimburse brokers and others holding stock in their names or in the names of nominees for their reasonable out-of-pocket expenses in sending proxy material to principals and beneficial owners.

Pursuant to the rules of the Securities and Exchange Commission, services that deliver the Company's communications to stockholders that hold their stock through a bank, broker or other holder of record may deliver to multiple stockholders sharing the same address a single copy of the Company's 2002 Annual Report and this proxy statement. Upon written or oral request, the Company will promptly deliver a separate copy of the Company's 2002 Annual Report and/or this proxy statement to any stockholder at a shared address to which a single copy of each document was delivered. Stockholders may notify the Company of their requests by calling or writing Craig Watson, Director of Investor Relations, A. O. Smith Corporation, P.O. Box 245008, Milwaukee, Wisconsin 53224-9508; (414) 359-4009.

TABLE OF CONTENTS

PRINCIPAL STOCKHOLDERS.....	4
ELECTION OF DIRECTORS.....	5
BOARD COMMITTEES.....	6
DIRECTOR COMPENSATION.....	7
SECURITY OWNERSHIP OF DIRECTORS AND MANAGEMENT.....	7
EXECUTIVE COMPENSATION.....	8
COMPENSATION COMMITTEE INTERLOCKS AND INSIDER PARTICIPATION.....	11
BOARD PERSONNEL AND COMPENSATION COMMITTEE REPORT ON EXECUTIVE COMPENSATION.....	11
PERFORMANCE GRAPH.....	13
COMPLIANCE WITH SECTION 16(a) OF THE SECURITIES EXCHANGE ACT.....	14
REPORT OF THE AUDIT COMMITTEE.....	14
APPOINTMENT OF INDEPENDENT AUDITORS.....	15
DATE FOR STOCKHOLDER PROPOSALS.....	15

PRINCIPAL STOCKHOLDERS

The following table shows persons who may be deemed to be beneficial owners (within the meaning of Rule 13d-3 under the Securities Exchange Act of 1934) of more than 5% of any class of the Company's stock. Unless otherwise noted, the table reflects beneficial ownership as of December 31, 2002.

NAME AND ADDRESS	AMOUNT AND NATURE OF PERCENT	TITLE OF CLASS OF BENEFICIAL OWNERSHIP OF CLASS -
Class A Smith Investment Company*	8,067,252 94.21%	Common Stock P.O. Box 245011 Milwaukee, WI 53224- 9511(1) Common
Stock Smith Investment Company	1,559,076(2) 7.61%(2)	P.O. Box 245011 Milwaukee, WI 53224- 9511(1) Common Stock
Dimensional Fund Advisors Inc.	1,117,600(3) 5.46% 1299	Ocean Avenue, 11th Floor Santa Monica, CA 90401 Common Stock
Perkins, Wolf, McDonnell & Company	2,293,650(4) 11.20% 310	S. Michigan Ave., Suite 2600 Chicago, IL 60604 Common Stock T.
Rowe Price Associates Inc.	2,290,600(5) 11.19% 100	East Pratt Street Baltimore, MD 21202

* Throughout the balance of the proxy statement, Smith Investment Company is referred to as "SICO".

(1) Arthur O. Smith and Lloyd B. Smith are co-filers with SICO on the Schedule 13G that SICO has filed with the Securities and Exchange Commission.

- (2) Pursuant to the Company's Restated Certificate of Incorporation, Class A Common Stock is convertible at any time at the option of the holder into Common Stock on a share-for-share basis. For purposes of computing beneficial ownership of SICO's Common Stock, assuming that all Class A Common Stock held by SICO was converted into Common Stock, SICO's beneficial ownership of the Common Stock is 9,626,328 shares, which represents 33.7% of the class of Common Stock.
- (3) Dimensional Fund Advisors Inc. ("Dimensional"), an investment advisor registered under Section 203 of the Investment Advisors Act of 1940, furnishes investment advice to four investment companies registered under the Investment Company Act of 1940, and serves as investment manager to certain other commingled group trusts and separate accounts. These investment companies, trusts and accounts are the "Funds". In its role as investment advisor or manager, Dimensional possesses sole voting power and sole dispositive power with respect to 1,117,600 shares. For purposes of the reporting requirements of the Securities and Exchange Act of 1934, Dimensional may be deemed to be the beneficial owner of the shares held by the Funds. However, Dimensional disclaims beneficial ownership of such securities.
- (4) Perkins, Wolf, McDonnell & Company has sole voting power and sole dispositive power with respect to 8,050 shares and shared voting power and shared dispositive power with respect to 2,285,600 shares.
- (5) These securities are owned by various individual and institutional investors, including T. Rowe Small-Cap Stock Fund, Inc. (which owns 1,520,700 shares, representing 7.43% of the shares outstanding). T. Rowe Price Associates, Inc. ("Price Associates") serves as investment adviser with power to direct investments and/or sole power to vote the securities. For purposes of the reporting requirements of the Securities Exchange Act of 1934, Price Associates is deemed to be a beneficial owner of such securities; however, Price Associates expressly disclaims that it is, in fact, the beneficial owner of such securities.

Information on beneficial ownership is based upon Schedules 13D or 13G filed with the Securities and Exchange Commission and any additional information that any beneficial owners may have provided to the Company.

ELECTION OF DIRECTORS

Six directors are to be elected to serve until the next succeeding annual meeting of stockholders and thereafter until their respective successors shall be duly elected and qualified. Owners of Class A Common Stock are entitled to elect four directors and owners of Common Stock are entitled to elect the two remaining directors.

It is intended that proxies hereby solicited will be voted for the election of the nominees named below. Proxies will not be voted for a greater number of persons than the six nominees named below. All nominees have consented to being named in the proxy statement and to serve if elected. If any nominee for election as a director shall become unavailable to serve as a director, then proxies will be voted for such substitute nominee as the Board of Directors may nominate.

The following information has been furnished to the Company by the respective nominees for director. Each nominee has been principally engaged in the employment indicated for the last five years unless otherwise stated.

NOMINEES -- CLASS A COMMON STOCK

RONALD D. BROWN -- Chairman and Chief Executive Officer, Milacron Inc.

Mr. Brown, 49, was elected a director of the Company in 2001. He is a member of the Personnel and Compensation Committee of the Board. Mr. Brown became chairman and chief executive officer of Milacron Inc. on June 1, 2001. He previously was president from September, 1999 through 2002; chief operating officer from September, 1999 through May 31, 2001; and has been on the Board of Directors of Milacron Inc. since November, 1999. Mr. Brown served as chief financial officer of Milacron Inc. from 1993 through 1999. He joined Milacron Inc. in 1980. Milacron is a global leader in plastic processing and metalworking technologies.

ROBERT J. O'TOOLE -- Chairman of the Board, President and Chief Executive Officer.

Mr. O'Toole, 62, became chairman of the board in 1992. He is a member of the Investment Policy Committee of the Board. He was elected chief executive officer in March, 1989. He was elected president, chief operating officer and a director in 1986. Mr. O'Toole joined the Company in 1963. He is a director of Briggs & Stratton Corporation, Factory Mutual Insurance Company, Marshall & Ilsley Corporation and Sensient Technologies Corporation.

BRUCE M. SMITH -- Chairman of the Board, President and Chief Executive Officer of Smith Investment Company.

Mr. Smith, 54, has been a director of the Company since 1995. He is a member of the Investment Policy Committee and the Personnel and Compensation Committee of the Board. He was elected chairman and chief executive officer of SICO on January 29, 1999, and was elected president of SICO in 1993. SICO is a diversified company which, through its wholly-owned subsidiaries, is involved in multicolor printing and related services and commercial warehousing, trucking and packaging. He was executive vice president of A. O. Smith Water Products Company, a division of the Company, from 1991 through June, 1993 and managing director of A. O. Smith Electric Motors (Ireland) Ltd., a subsidiary of the Company, from 1988 to 1991. Mr. Smith originally joined the Company in 1978. Mr. Smith is a director of SICO. Mr. Smith is a first cousin of Mr. Mark D. Smith.

MARK D. SMITH -- Business Manager, Strattec Security Corporation.

Mr. Smith, 41, was elected a director of the Company in 2001. He is a member of the Audit Committee of the Board. He has served as a product business manager for Strattec Security Corporation since 1997. Strattec Security Corporation designs, develops, manufactures and markets mechanical locks, electro-mechanical locks and related security products for major automotive manufacturers. From 1994 to 1997, Mr. Smith was an operations manager of A. O. Smith Automotive Products Company, a former division of the Company. Mr. Smith is a first cousin of Mr. Bruce M. Smith.

NOMINEES -- COMMON STOCK

WILLIAM F. BUEHLER -- Retired Vice Chairman of the Board of Directors, Xerox Corporation.

Mr. Buehler, 63, was elected a director of the Company in 1998. He is the chairperson of the Personnel and Compensation Committee of the Board. Mr. Buehler was vice chairman of the board of directors and president-Industry Solutions Operations of Xerox Corporation from April of 1999 through 2000. He joined Xerox Corporation in 1991 as executive vice president and chief staff officer. Xerox Corporation is a leader in the global document market, providing document solutions that enhance business productivity. Prior to joining Xerox, he spent 27 years with AT&T Corporation. Mr. Buehler is a director of Quest Diagnostics.

KATHLEEN J. HEMPEL -- Former Vice Chairman and Chief Financial Officer, Fort Howard Corporation.

Ms. Hempel, 52, was elected a director of the Company in 1998. She is the chairperson of the Audit Committee of the Board. Ms. Hempel was vice chairman and chief financial officer of Fort Howard Corporation from 1992 until its merger into Fort James Corporation in 1997. Ms. Hempel joined Fort Howard Corporation in 1973. Fort Howard Corporation manufactured paper and paper products. She is also a director of Oshkosh Truck Corporation, Whirlpool Corporation, Kennametal Corporation and Actuant Corporation.

BOARD COMMITTEES

The Board of Directors of the Company serves as a committee of the whole for designating nominees for election as director. The Board of Directors will consider written recommendations directed to the Chairman from stockholders concerning nominees for director. The Board of Directors has three standing Committees: the Personnel and Compensation Committee, the Investment Policy Committee and the Audit Committee.

In 2002, the Personnel and Compensation Committee held four meetings, the Investment Policy Committee held four meetings and the Audit Committee met four times and additionally held three telephonic meetings.

The Personnel and Compensation Committee is responsible for establishing and administering the Company's compensation and benefit plans for officers, executives and management employees, including the determination of eligibility for participation in such plans. The Committee consists of three members, each of whom is an outside director of the Company. It determines the compensation to be paid to officers and certain other selected executives. The Investment Policy Committee is responsible for investment policy and certain other matters for all Company retirement funds and other employee benefit funds. The Committee consists of three members, two of whom are outside directors of the Company. The Audit Committee selects the firm that will act as independent auditors for the Company and has the responsibility to review audit procedures and the internal controls of the Company. The Audit Committee operates under a charter which was approved by the Board of Directors. The Committee consists of three members, each of whom is an outside director of the Company. The Board of Directors, pursuant to the rules of the New York Stock Exchange, has determined that (a) all of the members of the Audit Committee have no relationship to the Corporation that may interfere with the exercise of their independence from management and the Corporation; (b) each of the Audit Committee members is financially literate, as such qualification is interpreted in the Board's business judgment; and (c) one or more members of the Audit Committee possess accounting or related financial management expertise, as such qualification is interpreted in the Board's business judgment.

DIRECTOR COMPENSATION

With respect to fiscal 2002, directors received an annual retainer, paid quarterly, in the amount of \$20,000 and the award of shares of Common Stock with a market value of \$10,000 on the date of its award. Directors also received \$1,200 for attendance at each Board meeting, plus expenses and received \$500 for each telephonic Board and Committee meeting. Each Audit and Personnel and Compensation Committee member received \$3,000, and the chairperson of each received \$4,000 annually; Committee members also received \$1,000 per meeting, plus expenses. Each Investment Policy Committee member received \$3,000, and the chairperson received \$4,000 annually; Committee members also received \$2,000 per meeting, plus expenses. Directors who are employees of the Company are not compensated for service as directors or Committee members or for attendance at Board or Committee meetings. During 2002, a total of five regular meetings and one special meeting of the Board of Directors were held; all directors attended at least 75% of the number of Board meetings and Committee meetings, in the aggregate, on which the director served as a member.

Certain directors have elected to defer payment of their fees and receipt of Common Stock shares under the Corporate Directors' Deferred Compensation Plan (the "Directors' Plan"). The Directors' Plan allows directors to defer all or a portion (not less than 50%) of their fees until a later date, but not later than the year in which age 71 is attained. Payments can be made in a lump sum or in not more than ten annual installments.

SECURITY OWNERSHIP OF DIRECTORS AND MANAGEMENT

The following table shows, as of December 31, 2002, the Class A Common Stock and Common Stock of the Company and the Class A Common Stock and Common Stock options exercisable on or before March 1, 2003, beneficially owned by each director, each nominee for director, each named executive officer in the Summary Compensation Table and by all directors and executive officers as a group.

AMOUNT AND
NATURE OF
PERCENT
NAME TYPE
OF STOCK**
BENEFICIAL
OWNERSHIP(1)
OF CLASS --
--

Glen R. Bomberger Common Stock 255,295 shares 1.25%
Ronald D. Brown Common Stock 1,570 shares *
William F. Buehler Common Stock 4,137 shares *
Donald M. Heinrich Common Stock 145,885 shares(2) *
Kathleen J. Hempel Common Stock 3,801 shares *
Kenneth W. Krueger Common Stock 129,100 shares(2) *
Ronald E. Massa Common Stock 192,181 shares(2) *
Robert J. O'Toole Common Stock 1,215,320 shares(2) 5.94% Dr.
Agnar Pytte

Common
Stock 7,569
shares * W.
David
Romoser
Common
Stock
179,641
shares(2) *
Bruce M.
Smith(3)
Common
Stock 2,649
shares *
Mark D.
Smith(3)
Common
Stock 905
shares *
All 19
Directors,
Nominees
and
Executive
Officers as
a Group
Common
Stock
2,686,332
shares(2)
13.12%

- -----
* Represents less than one percent.

** None of the directors, nominees and executive officers have beneficial ownership of Class A Common Stock (see footnote 3 below).

- (1) Except as otherwise noted, all securities are held with sole voting and sole dispositive power.
- (2) Includes 865,450; 181,075; 123,600; 137,900; 124,500; and 2,112,950 shares of Common Stock subject to options exercisable on or before March 1, 2003, respectively for Messrs. O'Toole, Massa, Krueger, Romoser and Heinrich and for all directors and executive officers as a group. Please refer to the Option Grants and Option Exercise Tables for additional stock option information.
- (3) Excludes shares beneficially owned by SICO.

EXECUTIVE COMPENSATION

The SUMMARY COMPENSATION TABLE reflects all compensation awarded to, earned by or paid to each of the Company's five most highly compensated executive officers, including the chief executive officer, during fiscal year 2002, as well as all compensation awarded, earned or paid in the two previous fiscal years.

SUMMARY COMPENSATION TABLE

LONG-TERM
ANNUAL
COMPENSATION
COMPENSATION

--- AWARDS

OTHER
RESTRICTED
ANNUAL
STOCK
OPTIONS ALL
OTHER NAME
AND
COMPENSATION
AWARDS
GRANTED
COMPENSATION

PRINCIPAL
POSITION
YEAR
SALARY(\$)
(1)
BONUS(\$)
(\$)(2) (\$)
(3) (#)(4)
(\$)(5) - --

Robert J. O'Toole 2002	773,000	735,000	69,392	572,544	105,400	42,144
Chairman, President and 2001	773,000	235,000	63,308 N/A	181,800	26,572	
Chief Executive Officer 2000	733,000	600,000	89,395 N/A	196,900	62,046	
Ronald E. Massa Senior Vice President & President of A. O. Smith 2002	294,000	255,000	23,261	120,960	26,900	

150,960
 Water
 Products
 Company,
 2001
 288,583
 210,000
 17,713 N/A
 46,300
 10,237 a
 division of
 the Company
 2000
 275,583
 120,000
 20,269 N/A
 50,200
 56,075
 Kenneth W.
 Krueger
 2002
 310,000
 177,000
 22,604
 120,960
 26,900
 23,048
 Senior Vice
 President &
 2001
 295,417
 51,000
 21,994 N/A
 46,300
 16,458
 Chief
 Financial
 Officer
 2000
 114,433
 200,000
 2,912 N/A
 77,300
 139,265 W.
 David
 Romoser
 2002
 259,000
 140,000
 23,558
 96,768
 18,700
 13,619 Vice
 President,
 General
 2001
 259,000
 44,000
 24,018 N/A
 32,200
 8,560
 Counsel and
 Secretary
 2000
 257,000
 115,000
 25,342 N/A
 34,900
 12,629
 Donald M.
 Heinrich
 Senior Vice
 President &
 President
 of A. O.
 Smith 2002
 295,000
 80,000
 20,702
 120,960
 26,900
 20,620
 Electrical
 Products
 Company,
 2001 N/A
 N/A N/A N/A
 N/A N/A a
 division of
 the Company
 2000 N/A
 N/A N/A N/A
 N/A N/A

 (1) Includes amounts earned during 2002 even if deferred.

- (2) Reflects amounts of tax reimbursements in 2002.
- (3) In 2002, restricted stock was awarded under the Combined Executive Incentive Compensation Plan as follows: Mr. O'Toole -- 21,300 shares, Mr. Massa -- 4,500 shares, Mr. Krueger -- 4,500 shares, Mr. Romoser -- 3,600 shares and Mr. Heinrich -- 4,500 shares. Dividends on shares of restricted stock granted under the Combined Executive Incentive Compensation Plan are credited to each individual's Supplemental Benefit Plan account. The number of shares of restricted stock held by the officers identified in the table and the market value of such shares as of December 31, 2002, were as follows: Mr. O'Toole -- 21,300 shares (\$575,313), Mr. Massa -- 4,500 shares (\$121,545), Mr. Krueger -- 4,500 shares (\$121,545), Mr. Romoser -- 3,600 shares (\$97,236) and Mr. Heinrich -- 4,500 shares (\$121,545).
- (4) See footnote (1) in Option Grants Table as to grants in 2002.
- (5) All Other Compensation for 2002 includes the amounts of: (a) Company contributions under the Profit Sharing Retirement Plan (a 401(k) plan) and accruals under the Supplemental Benefit Plan for the 401(k) plan, and (b) the amount of premiums paid by the Company for the benefit of such persons for certain split dollar post retirement life insurance policies. The amounts paid in 2002 are as follows: Mr. O'Toole -- (a) \$33,912 and (b) \$8,232; Mr. Massa -- (a) \$12,898, (b) \$3,312, and \$98,000 relocation fees plus \$36,750 home purchase program in connection with his relocation; Mr. Krueger -- (a) \$13,600 and (b) \$9,448; Mr. Romoser -- (a) \$11,363 and (b) \$2,256; and Mr. Heinrich -- (a) \$12,942, (b) \$1,702, and \$5,976 home purchase program in connection with his relocation.

STOCK OPTION GRANTS

The table below reflects the stock option grants made under the Long-Term Executive Incentive Compensation Plan and the Combined Executive Incentive Compensation Plan to the five named executive officers during 2002.

 OPTION GRANTS TABLE

Option Grants in 2002

POTENTIAL
 REALIZABLE
 VALUE AT
 ASSUMED
 ANNUAL RATES
 OF STOCK
 PRICE
 APPRECIATION
 INDIVIDUAL
 GRANTS FOR
 OPTION
 TERM(2) - ---

 % OF TOTAL
 OPTIONS
 OPTIONS
 GRANTED
 EXERCISE
 GRANTED(1) TO
 ALL PRICE
 EXPIRATION 5%
 10% NAME (#)
 EMPLOYEES
 (\$/SH) DATE
 (\$) (\$) ----

 --- Robert J.
 O'Toole
 105,400 35.6%
 \$26.880
 10/11/2012 \$
 1,781,754 \$
 4,515,315
 Ronald E.
 Massa 26,900
 9.1% \$26.880
 10/11/2012 \$
 454,736 \$
 1,152,391
 Kenneth W.
 Krueger
 26,900 9.1%
 \$26.880
 10/11/2012 \$
 454,736 \$
 1,152,391 W.
 David Romoser
 18,700 6.3%
 \$26.880
 10/11/2012 \$
 316,118 \$
 801,104
 Donald M.
 Heinrich
 26,900 9.1%
 \$26.880
 10/11/2012 \$
 454,736 \$
 1,152,391 ---

 Totals
 204,800 69.1%
 N/A N/A \$
 3,462,080 \$
 8,773,592
 =====
 =====
 =====

Stockholders
(29,039,923
shares of
Class A
Common Stock
and Common
Stock) N/A
N/A N/A N/A
\$491,773,672
\$1,241,143,077
Named
Executive
Officers' %
of Total
Outstanding
Shares N/A
.71% N/A N/A
.70% .71%

-
- (1) Options were granted under the Long-Term Executive Incentive Compensation Plan and the Combined Executive Incentive Compensation Plan. The options were granted on 10/11/02 as options to acquire Common Stock and are first exercisable on 10/11/03. All options were granted at the average of market value on the date of grant and have a 10-year term.
 - (2) The dollar values in these columns represent assumed rates of appreciation only, over the 10-year option term, at the 5% and 10% rates of appreciation set by the Securities and Exchange Commission rules. These amounts are not intended to predict or represent possible future appreciation of the Company's Common Stock value. Actual gains, if any, on stock option exercises and Common Stock holdings depend on future performance of the Company's Common Stock and overall stock market conditions.

OPTION EXERCISES AND YEAR-END VALUES

The table includes information related to options exercised by the five named executive officers during fiscal year 2002 and the number and value of options held at the end of the fiscal year.

OPTION EXERCISES AND YEAR-END VALUE TABLE

Aggregated Option Exercises in Fiscal Year 2002, and December 31, 2002, Option Values

NUMBER OF SECURITIES UNDERLYING UNEXERCISED VALUE OF UNEXERCISED OPTIONS AT IN-THE-MONEY OPTIONS AT DECEMBER 31, 2002	DECEMBER 31, 2002(\$)(1)	SHARES ACQUIRED VALUE -----	----- ----- ----- ----- -----	----- ----- ----- ----- -----
- NAME ON EXERCISE (#) REALIZED(\$) EXERCISABLE UNEXERCISABLE EXERCISABLE UNEXERCISABLE				
Robert J. O'Toole	162,300	\$2,617,088	865,450	105,400
		\$8,440,966	\$13,702	
Ronald E. Massa	0	0	181,075	26,900
		\$1,741,569	3,497	
Kenneth W. Krueger	0	0	123,600	26,900
		\$1,515,600	3,497	
David Romoser			15,300	\$126,887
			137,900	18,700
		\$1,344,202		
Donald M. Heinrich			22,650	\$276,371
			124,500	26,900
		\$1,253,865		3,497

(1) Based on the difference between the option exercise price and the closing price on the New York Stock Exchange of \$27.01 for the Common Stock on December 31, 2002.

YEARS OF SERVICE(3) -----	

REMUNERATION(2)	
10	20
25	30
35	40

250,000	\$
41,250	\$ 82,500
	\$103,125
	\$123,750
	\$144,375
	\$165,000
350,000	57,750
115,500	144,375
173,250	202,125
231,000	400,000
66,000	132,000
165,000	198,000
231,000	264,000
500,000	82,500
165,000	206,250
247,500	288,750
330,000	750,000
123,750	247,500
309,375	371,250
433,125	495,000
	1,000,000
165,000	330,000
412,500	495,000
577,500	660,000
	1,250,000
206,250	412,500
515,625	618,750
721,875	825,000
	1,500,000
247,500	495,000
618,750	742,500
886,250	990,000

-
- (1) The Pension Plan Table shows estimated aggregate annual benefits payable to an executive officer upon retirement under the A. O. Smith Retirement Plan and the A. O. Smith Corporation Executive Supplemental Pension Plan. The A. O. Smith Corporation Executive Supplemental Pension Plan is a nonqualified excess benefit and supplemental retirement plan intended to provide benefits that participants would receive under the A. O. Smith Retirement Plan if the A. O. Smith Retirement Plan were not subject to certain limitations that the Internal Revenue Code imposes on benefits payable under it and if the A. O. Smith Retirement Plan took into account 100%, rather than 50%, of bonus compensation. The calculations assume retirement at December 31, 2002, at age 65 and the final compensation and years of service set forth in the Table. Benefit amounts were computed on a straight-life annuity basis. Amounts payable to a participant as set forth in the Table are subject to offset in an amount that is based on the value of certain life insurance arrangements in effect for the participant and are not subject to any other offsets.
 - (2) The compensation covered by the A. O. Smith Retirement Plan and the A. O. Smith Corporation Executive Supplemental Pension Plan is based on the average of the highest five years of annual compensation out of the last ten years prior to retirement. The amount included in the calculation of compensation, as reflected in the Summary

Compensation Table, is Salary and Bonus; but it does not include Other Annual Compensation, Long-Term Compensation or All Other Compensation amounts.

(3) Messrs. O'Toole, Massa, Krueger, Romoser and Heinrich had 39, 25, 2, 10 and 10 years of service, respectively, at year-end.

COMPENSATION COMMITTEE INTERLOCKS AND INSIDER PARTICIPATION

The directors who served as members of the Personnel and Compensation Committee during fiscal year 2002 were Ronald D. Brown, William F. Buehler and Bruce M. Smith.

During 2002, the Company provided SICO consulting services; office space; directors', officers' and group insurance coverage and other miscellaneous services. The Company was reimbursed by SICO in the amount of \$70,120 for the Company's costs relating to such services.

BOARD PERSONNEL AND COMPENSATION COMMITTEE REPORT ON EXECUTIVE COMPENSATION

The Personnel and Compensation Committee (the "Committee") of the Board of Directors is responsible for discharging the Board's responsibilities relating to compensation of the Company's executives, establishing an executive compensation program, and administering the executive compensation policies and plans of the Company. The Committee also determines the amount of compensation that the Company's chief executive officer and other executive officers receive annually. It reviews the chief executive officer performance, oversees management succession planning, and reviews and makes recommendations to the Board of Directors with respect to the compensation of all directors.

The Committee consists of three members, each of whom is an outside non-management director of the Company. This report was prepared by the Committee to provide the Company's stockholders with a summary of its executive compensation policies and practices.

The Committee has two primary objectives relating to the Company's executive compensation program. The first is to recruit and retain high quality executive leadership which is committed to achieving the current and long-term successful and profitable operations of the Company's businesses. The other is to maintain an incentive compensation program which links executive pay to the stockholders' return on their investment in the Company.

In order to achieve these objectives, the Committee provides an executive compensation program competitive with other comparably sized manufacturing companies. The Committee believes that return on investment currently provides the best measure of performance because it closely correlates the benefits to the stockholders with the financial incentives for the executives. The Committee has established ranges for financial incentives based upon return on investment, with smaller incentive payments for a modest return on investment and larger incentive payments for greater returns.

The Company's executive compensation program consists of three components: base salary, short-term incentive (bonus) compensation and long-term incentive (stock options and restricted stock) compensation. In determining the executive compensation practices, the Committee compares the Company's executive compensation program with other companies' compensation programs for executives with similar management responsibilities. The companies surveyed include comparable manufacturing businesses. The Committee reviews executive compensation databases and also this year utilized an independent compensation consultant for purposes of evaluating and reviewing the Company's executive compensation program.

The Committee has designated certain executives, including the chief executive officer ("CEO"), for compensation under the executive compensation program in accordance with the performance criteria and standards described below.

BASE SALARY

The Committee establishes competitive salary ranges for the executive officers, generally at the median level of the salary ranges in the survey referred to above. In addition, the Committee reviews each executive's performance and accomplishments during the prior year as well as experience and service with the Company in determining the annual base salary level for the executive within the applicable salary range. In 2002, this methodology was followed in establishing base salaries for the executive officers.

SHORT-TERM INCENTIVE COMPENSATION

Short-term incentive compensation is provided under the shareholder-approved A. O. Smith Combined Executive Incentive Compensation Plan ("Plan"). The Plan, consistent with the Company's philosophy of linking compensation to the Company's return on investment, provides an opportunity for executives to earn a cash bonus, the amount of which is based upon the Company's and/or the operating unit's return on investment. Each year the Committee sets minimum and maximum financial objectives for each of the business units and the corporation. Achievement of these financial objectives by the business or corporate units determines the amount of the Incentive Compensation Fund available for the award of individual executive bonuses.

Incentive compensation, while predicated on the executive's unit meeting its financial objective, is also based upon achievement of strategic objectives established each year for the executive. In determining the amount of the incentive compensation award to be paid to an individual executive, the Committee considers the executive's scope of responsibility, contributions to profit improvement and attainment of the individual's strategic objectives. Approximately half of the incentive compensation award distributed to the individual executive is based on the return on investment of the executive's business unit and is formula-based between maximum and minimum target achievement. The other half of the award is based upon accomplishment of the executive's strategic objectives, such as development of personnel, planning, maintenance of product leadership, continuous improvement programs and product and process research and development. In 2002, the Committee made incentive compensation awards to the participating executives based on these factors.

The maximum amount of incentive compensation payable to an executive during any year is 200% of base salary. In order to be eligible for incentive compensation, executives are required to enter into annual contracts (standard Plan contracts required for all Plan participants) which obligate them to remain in the employment of the Company for the year.

LONG-TERM INCENTIVE COMPENSATION

The Committee utilizes the shareholder-approved A. O. Smith Combined Executive Incentive Compensation Plan ("Plan") in annually making grants of stock options and restricted stock which are awarded to the executives at the market price of the stock on the dates of the respective grants. The size of the grants to the executive are established at a level commensurate with the median level of grants for the executive's position as reported in the aforementioned survey data and a study by an independent compensation consultant. Pursuant to the Plan, executives enter into standard Plan contracts each year which reflect the specific terms of the stock option and the restricted stock grants and terms of forfeiture should the executive leave the employment of the Company.

CEO COMPENSATION

The Committee, in establishing the 2002 compensation program for the Chief Executive Officer, Robert J. O'Toole, employed the methodology and surveys previously described in this report. In setting Mr. O'Toole's base salary for 2002, the Committee reviewed his accomplishments during the prior year, experience, and service with the Company and determined to position it at the median level of salaries of chief executive officers of comparable manufacturing companies. Mr. O'Toole's bonus compensation for 2002 was directly related to the return on investment earned by the Company and reflected Committee-set minimum and maximum objectives. The maximum amount of bonus compensation payable to Mr. O'Toole is 200% of base salary. The Committee made stock option and restricted stock grants to Mr. O'Toole under the Plan consistent with the methodology utilized in making grants to the other participating executives.

112.80 - ---

----- S&P

600
ELECTRICAL
EQUIPMENT

100.00
101.11
155.77
150.67
124.24 98.51

COMPLIANCE WITH SECTION 16(A) OF THE
SECURITIES EXCHANGE ACT

Section 16(a) of the Securities Exchange Act of 1934 requires the Company's directors and executive officers, and persons who own more than ten percent of a registered class of the Company's equity securities, to file reports of ownership and changes in ownership with the Securities and Exchange Commission and the New York Stock Exchange. Executive officers, directors and greater than ten percent shareholders are required by SEC regulations to furnish the Company with copies of all Section 16(a) Forms 3, 4 and 5 which they file.

Based solely on its review of the copies of such forms received by the Company and written representations from certain reporting persons during fiscal year 2002, the Company believes that all filing requirements applicable to its executive officers, directors and greater than ten percent beneficial owners were met.

REPORT OF THE AUDIT COMMITTEE

The primary responsibility of the Audit Committee is to oversee the Company's financial reporting process on behalf of the Board, to recommend the appointment of the independent auditors, and to report the results of the Committee's activities to the Board. Management has the primary responsibility for the financial statements and reporting process, including the systems of internal control, and Ernst & Young LLP (the independent auditors) is responsible for auditing those financial statements. We have reviewed and discussed with management and the independent auditors the Company's audited financial statements as of and for the year ended December 31, 2002.

During 2002, the Audit Committee met four times. In addition, the Committee chair and other members of the Committee discussed the interim financial statements contained in SEC Forms 10-Q and in each quarterly earnings announcement with the chief financial officer, controller, and independent auditors prior to filing and public release.

We have discussed with the independent auditors the matters required to be discussed by Statement on Auditing Standards No. 61, Communication with Audit Committees, as amended, by the Auditing Standards Board of the American Institute of Certified Public Accountants. We have met with the internal and independent auditors, with and without management present, to discuss the results of their examinations, their evaluations of the Company's internal controls, and the overall quality of the Company's financial reporting.

We have received and reviewed the written disclosures and the letter from the independent auditors required by Independence Standard No. 1, Independence Discussions with Audit Committees, as amended, by the Independence Standards Board, and have discussed with the auditors their independence. In addition, we have considered the compatibility of nonaudit services with the auditors' independence. Management is required to obtain our approval before engaging the independent auditors for nonaudit services.

In reliance on the reviews and discussions referred to above, we recommended to the Board of Directors that the audited financial statements, referred to above, be included in the Company's Annual Report on Form 10-K for the year ended December 31, 2002, filed with the Securities and Exchange Commission. The Committee selected Ernst & Young LLP, as the Company's independent auditors for fiscal 2003 and approved its fees for audit and audit related services.

AUDIT COMMITTEE

Kathleen J. Hempel, Chairperson
Dr. Agnar Pytte, Committee Member
Mark D. Smith, Committee Member

APPOINTMENT OF INDEPENDENT AUDITORS

The Audit Committee of the Board of Directors of the Company has appointed Ernst & Young LLP, Certified Public Accountants, as the Company's independent auditors for 2003. The Company paid the following fees to Ernst & Young LLP in 2002 and 2001:

Audit Fees: Fees for the annual audit were \$600,900 and \$409,900 in 2002 and 2001, respectively. Audit fees consist of fees for the annual audit of the Company's financial statements, reviews of financial statements included in the Company's Form 10-Q filings, statutory audits for certain of the Company's foreign locations and other services performed related to regulatory filings.

Audit-Related Fees: Audit-related fees were \$124,800 and \$212,100 in 2002 and 2001, respectively. Audit-related fees are principally fees for acquisition due diligence and certain other accounting consultations.

Tax Fees: Tax fees were \$802,750 and \$1,165,000 in 2002 and 2001, respectively, and consisted solely of tax consulting services.

All Other Fees: None.

The Audit Committee has considered whether the fees of Ernst & Young LLP for nonaudit services is compatible with maintaining Ernst & Young LLP's independence.

Although not required to be submitted to a vote of the stockholders, the Board of Directors believes it appropriate to obtain stockholder ratification of the Audit Committee's action in appointing Ernst & Young LLP as the Company's independent auditors. Should such appointment not be ratified, the Audit Committee of the Board of Directors will reconsider the matter.

OTHER BUSINESS

Management is not aware of any matters other than those stated above that may be presented for action at the meeting, but should any matter requiring a vote of the stockholders arise, it is intended that proxies solicited will be voted in respect thereof in accordance with the discretion of the person or persons voting the proxies.

DATE FOR STOCKHOLDER PROPOSALS

Proposals of stockholders intended to be presented at the 2004 annual meeting of stockholders must be received by the Company no later than November 4, 2003, to be included in the Company's proxy materials for the 2004 meeting. If a stockholder who otherwise desires to bring a proposal before the 2004 meeting does not notify the Company of its intent to do so on or before January 19, 2004, then the proposal will be untimely, and the proxies will be able to vote on the proposal in their discretion.

March 5, 2003

EVEN IF YOU PLAN TO ATTEND THE MEETING, PLEASE COMPLETE, DATE AND SIGN THE ENCLOSED PROXY AND MAIL IT PROMPTLY IN THE ENCLOSED ENVELOPE, OR VOTE YOUR SHARES VIA THE TELEPHONE OR INTERNET. IF YOU ATTEND THE MEETING, YOU MAY REVOKE YOUR PROXY AND VOTE YOUR SHARES IN PERSON.

[AO SMITH CORPORATION LOGO]

COMPANY #
CONTROL #

THERE ARE THREE WAYS TO VOTE YOUR PROXY

YOUR TELEPHONE OR INTERNET VOTE AUTHORIZES THE NAMED PROXIES TO VOTE YOUR SHARES IN THE SAME MANNER AS IF YOU MARKED, SIGNED AND RETURNED YOUR PROXY CARD.

VOTE BY TELEPHONE -- TOLL FREE -- 1-800-240-6326 -- QUICK ***EASY*** IMMEDIATE

- o Use any touch-tone telephone to vote your proxy 24 hours a day, 7 days a week, until 11:00 a.m. (CT) on April 4, 2003.
- o You will be prompted to enter your 3-digit Company Number and your 7-digit Control Number which are located above.
- o Follow the simple instructions the voice provides you.

VOTE BY INTERNET-- http://www.eproxy.com/aos/ -- QUICK ***EASY*** IMMEDIATE

- o Use the Internet to vote your proxy 24 hours a day, 7 days a week, until 12:00 p.m. (CT) on April 4, 2003.
- o You will be prompted to enter your 3-digit Company Number and your 7-digit Control Number which are located above to obtain your records and create an electronic ballot.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we've provided or return it to A. O. SMITH CORPORATION, c/o Shareowner Services(SM), P.O. Box 64873, St. Paul, MN 55164-0873.

IF YOU VOTE BY TELEPHONE OR INTERNET, PLEASE DO NOT MAIL YOUR PROXY CARD

∖ Please detach here ∖

A. O. SMITH CORPORATION 2003 ANNUAL MEETING
PROXY - COMMON STOCK

This proxy when properly executed will be voted in the manner directed herein by the undersigned. If no direction is made, this proxy will be voted FOR proposals 1 and 2.

1. Election of directors:	01 William F. Buehler	02 Kathleen J. Hempel	/___/ Vote FOR all nominees (except as marked)	/___/ Vote WITHHELD from all nominees
---------------------------	-----------------------	-----------------------	---	--

(INSTRUCTIONS: TO WITHHOLD AUTHORITY TO VOTE FOR ANY INDICATED NOMINEE, WRITE THE NUMBER(S) OF THE NOMINEE(S) IN THE BOX PROVIDED TO THE RIGHT.)

2. Proposal to approve the ratification of Ernst & Young LLP as the independent auditors of the corporation:	/___/ FOR	/___/ AGAINST	/___/ ABSTAIN
--	-----------	---------------	---------------

DIRECTORS RECOMMEND A VOTE FOR.

Date

Address change? Mark Box /___/
Indicate changes below:

Signature(s) in Box
Please sign exactly as your name appears hereon. When shares are held by joint tenants, both should sign. When signing as attorney, executor, administrator, trustee or guardian, please give full title as such. If a corporation, please sign in full corporate name by President or other authorized officer. If a partnership, please sign in partnership name by authorized person.

A. O. SMITH CORPORATION
ANNUAL MEETING OF STOCKHOLDERS

MONDAY, APRIL 7, 2003
10:30 A.M. EASTERN TIME

HOTEL DU PONT
11TH AND MARKET STREETS
WILMINGTON, DELAWARE 19801

A. O. SMITH CORPORATION
PROXY - COMMON STOCK

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The undersigned hereby appoints ROBERT J. O'TOOLE, KENNETH W. KRUEGER and W. DAVID ROMOSER, or any one of them, with full power of substitution, as proxy or proxies of the undersigned to attend the annual meeting of stockholders of A. O. Smith Corporation to be held on April 7, 2003, at 10:30 a.m. Eastern Time, at the Hotel du Pont, 11th and Market Streets, Wilmington, Delaware, or at any adjournment thereof, and there to vote all shares of Common Stock which the undersigned would be entitled to vote if personally present as specified upon the following matters and in their discretion upon such other matters as may properly come before the meeting.

THIS PROXY WHEN PROPERLY EXECUTED WILL BE VOTED IN THE MANNER DIRECTED
HEREIN BY THE UNDERSIGNED.
IF NO DIRECTION IS MADE, THIS PROXY WILL BE VOTED FOR PROPOSALS 1 AND 2.

PLEASE VOTE BY TELEPHONE OR THE INTERNET OR MARK, SIGN, DATE
AND RETURN THE PROXY CARD PROMPTLY USING THE ENCLOSED ENVELOPE.

See reverse for voting instructions.

THERE ARE THREE WAYS TO VOTE YOUR PROXY

YOUR TELEPHONE OR INTERNET VOTE AUTHORIZES THE NAMED PROXIES TO VOTE YOUR SHARES IN THE SAME MANNER AS IF YOU MARKED, SIGNED AND RETURNED YOUR PROXY CARD.

VOTE BY TELEPHONE-- TOLL FREE-- 1-800-240-6326-- QUICK ***EASY*** IMMEDIATE

- o Use any touch-tone telephone to vote your proxy 24 hours a day, 7 days a week, until 11:00 a.m. (CT) on April 4, 2003.
- o You will be prompted to enter your 3-digit Company Number and your 7-digit Control Number which are located above.
- o Follow the simple instructions the voice provides you.

VOTE BY INTERNET-- http://www.eproxy.com/aos/ -- QUICK ***EASY*** IMMEDIATE

- o Use the Internet to vote your proxy 24 hours a day, 7 days a week, until 12:00 p.m. (CT) on April 4, 2003.
- o You will be prompted to enter your 3-digit Company Number and your 7-digit Control Number which are located above to obtain your records and create an electronic ballot.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we've provided or return it to A. O. SMITH CORPORATION, c/o Shareowner Services(SM), P.O. Box 64873, St. Paul, MN 55164-0873.

IF YOU VOTE BY TELEPHONE OR INTERNET, PLEASE DO NOT MAIL YOUR PROXY CARD

∖ Please detach here ∖

A. O. SMITH CORPORATION 2003 ANNUAL MEETING
PROXY - CLASS A COMMON STOCK

This proxy when properly executed will be voted in the manner directed herein by the undersigned. If no direction is made, this proxy will be voted FOR proposals 1 and 2.

- | | | | | | | |
|---------------------------|----------------------|-------------------|-------|--------------|-------|-------------------|
| 1. Election of directors: | 01 Ronald D. Brown | 03 Bruce M. Smith | /___/ | Vote FOR | /___/ | Vote WITHHELD |
| | 02 Robert J. O'Toole | 04 Mark D. Smith | | all nominees | | from all nominees |
| | | | | (except as | | |
| | | | | marked) | | |

(INSTRUCTIONS: TO WITHHOLD AUTHORITY TO VOTE FOR ANY INDICATED NOMINEE, WRITE THE NUMBER(S) OF THE NOMINEE(S) IN THE BOX PROVIDED TO THE RIGHT.) -----

- | | | | | | | |
|--|-------|-----|-------|---------|-------|---------|
| 2. Proposal to approve the ratification of Ernst & Young LLP as the independent auditors of the corporation: | /___/ | FOR | /___/ | AGAINST | /___/ | ABSTAIN |
|--|-------|-----|-------|---------|-------|---------|

DIRECTORS RECOMMEND A VOTE FOR.

Date -----

Address change? Mark Box /___/
Indicate changes below:

Signature(s) in Box
Please sign exactly as your name appears hereon. When shares are held by joint tenants, both should sign. When signing as attorney, executor, administrator, trustee or guardian, please give full title as such. If a corporation, please sign in full corporate name by President or other authorized officer. If a partnership, please sign in partnership name by authorized person.

A. O. SMITH CORPORATION

ANNUAL MEETING OF STOCKHOLDERS

MONDAY, APRIL 7, 2003
10:30 A.M. EASTERN TIME

HOTEL DU PONT
11TH AND MARKET STREETS
WILMINGTON, DELAWARE 19801

A. O. SMITH CORPORATION
PROXY - CLASS A COMMON STOCK

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The undersigned hereby appoints ROBERT J. O'TOOLE, KENNETH W. KRUEGER and W. DAVID ROMOSER, or any one of them, with full power of substitution, as proxy or proxies of the undersigned to attend the annual meeting of stockholders of A. O. Smith Corporation to be held on April 7, 2003, at 10:30 a.m. Eastern Time, at the Hotel du Pont, 11th and Market Streets, Wilmington, Delaware, or at any adjournment thereof, and there to vote all shares of Class A Common Stock which the undersigned would be entitled to vote if personally present as specified upon the following matters and in their discretion upon such other matters as may properly come before the meeting.

THIS PROXY WHEN PROPERLY EXECUTED WILL BE VOTED IN THE MANNER DIRECTED
HEREIN BY THE UNDERSIGNED.
IF NO DIRECTION IS MADE, THIS PROXY WILL BE VOTED FOR PROPOSALS 1 AND 2.

PLEASE VOTE BY TELEPHONE OR THE INTERNET OR MARK, SIGN, DATE
AND RETURN THE PROXY CARD PROMPTLY USING THE ENCLOSED ENVELOPE.

See reverse for voting instructions.

THERE ARE THREE WAYS TO VOTE YOUR PROXY

YOUR TELEPHONE OR INTERNET VOTE AUTHORIZES THE NAMED PROXIES TO VOTE YOUR SHARES IN THE SAME MANNER AS IF YOU MARKED, SIGNED AND RETURNED YOUR PROXY CARD.

VOTE BY TELEPHONE-- TOLL FREE-- 1-800-240-6326-- QUICK ***EASY*** IMMEDIATE

- o Use any touch-tone telephone to vote your proxy 24 hours a day, 7 days a week, until 11:00 a.m. (CT) on April 4, 2003.
- o You will be prompted to enter your 3-digit Company Number and your 7-digit Control Number which are located above.
- o Follow the simple instructions the voice provides you.

VOTE BY INTERNET-- <http://www.eproxy.com/aos/> -- QUICK ***EASY*** IMMEDIATE

- o Use the Internet to vote your proxy 24 hours a day, 7 days a week, until 12:00 p.m. (CT) on April 4, 2003.
- o You will be prompted to enter your 3-digit Company Number and your 7-digit Control Number which are located above to obtain your records and create an electronic ballot.

VOTE BY MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope we've provided or return it to A. O. SMITH CORPORATION, c/o Shareowner Services(SM), P.O. Box 64873, St. Paul, MN 55164-0873.

IF YOU VOTE BY TELEPHONE OR INTERNET, PLEASE DO NOT MAIL YOUR PROXY CARD

∖ Please detach here ∖

A. O. SMITH CORPORATION 2003 ANNUAL MEETING
VOTING INSTRUCTIONS

Voting Instructions to the Trustee: If no choices are marked below, the Trustee will vote FOR proposals 1 and 2.

1. Election of directors: 01 William F. Buehler 02 Kathleen J. Hempel Vote FOR all nominees (except as marked) Vote WITHHELD from all nominees

(INSTRUCTIONS: TO WITHHOLD AUTHORITY TO VOTE FOR ANY INDICATED NOMINEE, WRITE THE NUMBER(S) OF THE NOMINEE(S) IN THE BOX PROVIDED TO THE RIGHT.)

2. Proposal to approve the ratification of Ernst & Young LLP as the independent auditors of the corporation: FOR AGAINST ABSTAIN

DIRECTORS RECOMMEND A VOTE FOR.

Date _____

Address change? Mark Box
Indicate changes below:

Signature(s) in Box
Please sign exactly as your name appears on this proxy. When signing as attorney, executor, administrator, trustee or guardian, please give full title as such.

A. O. SMITH CORPORATION
ANNUAL MEETING OF STOCKHOLDERS

MONDAY, APRIL 7, 2003
10:30 A.M. EASTERN TIME

HOTEL DU PONT
11TH AND MARKET STREETS
WILMINGTON, DELAWARE 19801

A. O. SMITH CORPORATION

VOTING INSTRUCTIONS TO THE MARSHALL & ILSLEY TRUST COMPANY N.A.
TRUSTEE OF THE A. O. SMITH PROFIT
SHARING RETIREMENT PLAN

THIS VOTING INSTRUCTION IS SOLICITED ON BEHALF OF THE TRUSTEE

The undersigned hereby directs the Marshall & Ilsley Trust Company N.A., Trustee of the A. O. Smith Profit Sharing Retirement Plan, to vote the shares of A. O. Smith Corporation Common Stock allocated to the undersigned's account in said Trust at the Annual Meeting to be held on April 7, 2003, and all adjournments.

VOTING INSTRUCTIONS TO THE TRUSTEE: IF NO CHOICES ARE MARKED, THE TRUSTEE WILL VOTE FOR PROPOSALS 1 AND 2.

PLEASE VOTE BY TELEPHONE OR THE INTERNET OR MARK, SIGN, DATE
AND RETURN THE PROXY CARD PROMPTLY USING THE ENCLOSED ENVELOPE.

See reverse for voting instructions.