| Form 4   | NJ                                      |                    |   |            |  |  |   |  |                |                               |
|--|---|--------------------|---|------------|--|--|---|--|----------------|-------------------------------|
| May 02, 20   |   |                    |   |            |  |  |   |  |                |                               |
| FORM   | <b>A</b> 4 UNITED                       | STATES S           |   |            |  |  |   | OMMISSION  | OMB            | PROVAL 3235-0287              |
| Check th   | his box                                 |                    | wa  | sningto    | n, D.C. 2  | 20549  |   |  | Number:        | January 31,                   |
| if no longer<br>subject to<br>Section 16.<br>Form 4 or         |   |                    |   |            |  |  | ERSHIP OF   | Expires:<br>Estimated a<br>burden hou<br>response  | 2005<br>verage |                               |
| Form 5<br>obligation<br>may com<br><i>See</i> Instru-<br>1(b). | ons Section 17(                         | a) of the P        | ublic U   | tility Ho  | olding Co  | ompar  | •   | Act of 1934,<br>1935 or Section  | I              |                               |
| (Print or Type   | Responses)                              |                    |   |            |  |  |   |  |                |                               |
| 1. Name and A<br>KITA JOH                                      | Address of Reporting<br>N J             | 5                  | Symbol  |            | nd Ticker  |  |   | 5. Relationship of ssuer   |                |                               |
| (Last)   | (First) (1                              |                    | 3. Date of Earliest Transaction (Check all  |            |  |  |   | all applicable   | )              |                               |
| A. O. SMIT<br>CORPORA<br>PARK PLA                              | TION, 11270 WI                          | (                  |   | Day/Year)  |  |  |   | Director<br>_X Officer (give<br>pelow)<br>Executive V  |                | Owner<br>er (specify<br>& CFO |
| Fil  |   |                    | Filed(Month/Day/Year) A   |            |  |  | A   | 6. Individual or Joint/Group Filing(Check<br>Applicable Line)<br>_X_ Form filed by One Reporting Person<br>Form filed by More than One Reporting |                |                               |
| MILWAUI  | XEE, WI 53224                           |                    |   |            |  |  | Ē   | Person   |                | porting                       |
| (City)   | (State)                                 | (Zip)              | Tab   | le I - Non | -Derivativ   | e Secu   | rities Acqui  | ired, Disposed of,   | or Beneficial  | ly Owned                      |
| 1.Title of<br>Security<br>(Instr. 3)                           | 2. Transaction Date<br>(Month/Day/Year) | Execution I<br>any | Execution Date, if Transactiomr Disposed of (D) S<br>my Code (Instr. 3, 4 and 5) H<br>Month/Day/Year) (Instr. 8) (A) H<br>(A) H |            | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s) | 6.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |                |                               |
|  |   |                    |   | Code V     | Amoun  |  | Price   | (Instr. 3 and 4)   |                |                               |
| Common<br>Stock  | 05/01/2012                              |                    |   | М          | 5,700  | А  | \$ 19.467   | 25,944   | D              |                               |
| Common<br>Stock  | 05/01/2012                              |                    |   | М          | 7,650  | А  | \$ 25.837   | 33,594   | D              |                               |
| Common<br>Stock  | 05/01/2012                              |                    |   | S          | 50   | D  | \$ 48.32  | 33,544   | D              |                               |

S

S

200

D

1,100 D

Common

Common

Stock

Stock

05/01/2012

05/01/2012

\$ 48.3201

\$48.33 32,244

33,344

D

D

| Common<br>Stock | 05/01/2012 | S | 100   | D | \$<br>48.3301 | 32,144 | D |
|-----------------|------------|---|-------|---|---------------|--------|---|
| Common<br>Stock | 05/01/2012 | S | 400   | D | \$ 48.341     | 31,744 | D |
| Common<br>Stock | 05/01/2012 | S | 400   | D | \$ 48.345     | 31,344 | D |
| Common<br>Stock | 05/01/2012 | S | 800   | D | \$ 48.35      | 30,544 | D |
| Common<br>Stock | 05/01/2012 | S | 300   | D | \$ 48.351     | 30,244 | D |
| Common<br>Stock | 05/01/2012 | S | 1,000 | D | \$ 48.355     | 29,244 | D |
| Common<br>Stock | 05/01/2012 | S | 300   | D | \$ 48.36      | 28,944 | D |
| Common<br>Stock | 05/01/2012 | S | 100   | D | \$ 48.37      | 28,844 | D |
| Common<br>Stock | 05/01/2012 | S | 1,900 | D | \$ 48.38      | 26,944 | D |
| Common<br>Stock | 05/01/2012 | S | 112   | D | \$ 48.39      | 26,832 | D |
| Common<br>Stock | 05/01/2012 | S | 400   | D | \$ 48.4       | 26,432 | D |
| Common<br>Stock | 05/01/2012 | S | 500   | D | \$ 48.41      | 25,932 | D |
| Common<br>Stock | 05/01/2012 | S | 200   | D | \$ 48.415     | 25,732 | D |
| Common<br>Stock | 05/01/2012 | S | 100   | D | \$ 48.42      | 25,632 | D |
| Common<br>Stock | 05/01/2012 | S | 100   | D | \$ 48.43      | 25,532 | D |
| Common<br>Stock | 05/01/2012 | S | 200   | D | \$ 48.48      | 25,332 | D |
| Common<br>Stock | 05/01/2012 | S | 100   | D | \$ 48.5       | 25,232 | D |
| Common<br>Stock | 05/01/2012 | S | 300   | D | \$ 48.53      | 24,932 | D |
| Common<br>Stock | 05/01/2012 | S | 700   | D | \$ 48.58      | 24,232 | D |

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

Persons who respond to the collection of information contained in this form are not

SEC 1474 (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<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4.<br>Transactio<br>Code<br>(Instr. 8) | 5. Number<br>prof Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) | f Derivative Expiration Date<br>ecurities (Month/Day/Year)<br>cquired<br>A) or<br>isposed of<br>D)<br>nstr. 3, 4, |                    | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) |  |
|---|---|---|---|--|---|---|--------------------|---|--|
|   |   |   |   | Code V                                 | (A) (D)   | Date<br>Exercisable   | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>Shares |
| Employee<br>Stock<br>Options<br>(Right to<br>Buy)   | \$ 19.467   | 05/01/2012                              |   | М                                      | 5,700<br>(1)  | 10/11/2006  | 10/11/2015         | Common<br>Stock   | 5,700                                  |
| Employee<br>Stock<br>Options<br>(Right to<br>Buy)   | \$ 25.837   | 05/01/2012                              |   | М                                      | 7,650<br>(2)  | 02/09/2008  | 02/09/2017         | Common<br>Stock   | 7,650                                  |

## **Reporting Owners**

| Reporting Owner Name / Address   | Relationships |           |                                      |       |  |  |  |
|--|---------------|-----------|--------------------------------------|-------|--|--|--|
|  | Director      | 10% Owner | Officer                              | Other |  |  |  |
| KITA JOHN J<br>A. O. SMITH CORPORATION<br>11270 WEST PARK PLACE<br>MILWAUKEE, WI 53224 |               |           | Executive<br>Vice President<br>& CFO |       |  |  |  |
| Signatures   |               |           |                                      |       |  |  |  |
| James F. Stern, Attorney-in-Fact for Rettler   | Steve W.      | 05/02/20  | )12                                  |       |  |  |  |
| **Signature of Reporting Person  |               | Date      |                                      |       |  |  |  |
| Explanation of Resp  | onses.        |           |                                      |       |  |  |  |

## **Explanation of Responses:**

| *   | If the form is filed by more than one reporting person, <i>see</i> 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 option were granted on 10/11/2005, under the A. O. Smith Combined Executive Incentive Compensation Plan, a transaction exempt under rule 16b-3.

(2) The employee stock options were granted on 02/09/2007, under the A. O. Smith Combined Incentive Compensation Plan, a transaction exempt under Rule 16b-3.

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.