FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVA |
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| OMB Number: | 3235-0287 |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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* WITHERS W WAYNE (Last) (First) (Middle) C/O EMERSON ELECTRIC CO. 8000 W. FLORISSANT (Street) ST. LOUIS MO 63136 (City) (State) (Zip) | | | 2. Issuer Name and Ticker or Trading Symbol EMERSON ELECTRIC CO [EMR] | | onship of Reporting Person(s) fall applicable) Director Officer (give title below) | to Issuer 10% Owner Other (specify below) |
|---|--|----------|---|--|--|---|
| | | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 09/26/2005 | | Exec. VP, Secy & Gen. | , |
| | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | Individual or Joint/Group Filing (Check Applicable Line) 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

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transac Code (I 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--|---|--------------------------------|--|---|---------------|--------------|--|---|---|
| | [| | Code V | | Amount | (A) or (D) | Price | (Instr. 3 and 4) | | |
| Common Stock | 09/26/2005 | | S | | 8,000(1) | D | \$69.8287(1) | 45,580 | D | |
| Common Stock | | | | | | | | 202 | I | 401(k) plan |
| Common Stock | | | | | | | | 2,115 | I | 401(k) excess plan |

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 | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | Derivative | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | Reported | Form: Direct (D) | Beneficial Ownership (Instr. 4) |
|--|---|---|---|---|------------|-----|--|--------------------|--|----------------------------------|---|------------------------------|---------------------|---------------------------------------|
| | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | Transaction(s) (Instr. 4) | | |

Explanation of Responses:

1. The reporting person gave a single order to his broker to sell 8,000 shares of Emerson Electric Co. common stock on September 26, 2005. In the discretion of the broker, the sale was effected in multiple transactions at varying prices, on September 26, 2005 as follows: 3,300 at \$69.815; 1,100 at \$69.83; 3,300 at \$69.84; and 300 at \$69.85. The weighted average sale price for these transactions was \$69.8287 per share.

/s/ Harley M. Smith, Attorney-in-Fact for W. Wayne Withers

** Signature of Reporting Person Date

09/27/2005

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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.