

FLOWSERVE CORP  
Form 4  
August 22, 2007

**FORM 4**

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

OMB APPROVAL

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**KLING LEWIS M**

(Last) (First) (Middle)  
5215 N. O'CONNOR BLVD.,  
SUITE 2300  
(Street)

IRVING, TX 75039

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**FLOWSERVE CORP [FLS]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
08/20/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
President and CEO

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |   |                            |
|-------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|---|----------------------------|
|                                           |                                      |                                                    | Code                           | V                                                                 | Amount or (D) Price                                                                           |                                                          |                                                       |   |                            |
| Common Stock (\$1.25 par value per share) | 08/20/2007                           |                                                    | S                              |                                                                   | 16,490 <sup>(1)</sup>                                                                         | D                                                        | \$ 67 121,280                                         | I | The Lewis Mark Kling Trust |
| Common Stock (\$1.25 par value per share) | 08/20/2007                           |                                                    | S                              |                                                                   | 16,491 <sup>(1)</sup>                                                                         | D                                                        | \$ 67 104,789                                         | I | The Lewis Mark Kling Trust |
| Common Stock                              | 08/22/2007                           |                                                    | M                              |                                                                   | 19,271                                                                                        | A                                                        | \$ 23.27 124,060                                      | I | The Lewis Mark             |

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|                                           |            |   |                      |   |          |         |   |  |                            |
|-------------------------------------------|------------|---|----------------------|---|----------|---------|---|--|----------------------------|
| (\$1.25 par value per share)              |            |   |                      |   |          |         |   |  | Kling Trust                |
| Common Stock (\$1.25 par value per share) | 08/22/2007 | S | 19,271<br><u>(1)</u> | D | \$ 68.05 | 104,789 | I |  | The Lewis Mark Kling Trust |
| Common Stock (\$1.25 par value per share) | 08/21/2007 | M | 4,297<br><u>(2)</u>  | A | \$ 23.27 | 16,121  | D |  |                            |

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

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(9-02)

**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 Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Security (Instr. 3 and 4) | 8. Amount or Number of Underlying Securities |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------|
| Stock Option (right-to-buy)                | \$ 23.27                                               | 08/22/2007                           |                                                    | M                              | 19,271                                                                                  | 07/09/2007 07/09/2014                                    | Common Stock                                                | 19,271                                       |
| Stock Option (right-to-buy)                | \$ 23.27                                               | 08/21/2007                           |                                                    | M                              | 4,297                                                                                   | 07/09/2007 07/09/2014                                    | Common Stock                                                | 4,297                                        |

## Reporting Owners

Reporting Owner Name / Address

Relationships

|          |           |                   |       |
|----------|-----------|-------------------|-------|
| Director | 10% Owner | Officer           | Other |
| X        |           | President and CEO |       |

KLING LEWIS M  
5215 N. O'CONNOR BLVD., SUITE 2300  
IRVING, TX 75039

## Signatures

/s/ Tara D. Mackey, attorney  
in fact

08/22/2007

\_\_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) Shares were disposed of pursuant to a 10b5-1 plan previously entered into by the reporting person.

(2) Shares were exercised and held pursuant to a 10b5-1 plan previously entered into by the reporting person.

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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