

Pajonas Thomas L
 Form 4
 April 24, 2006

FORM 4

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

OMB APPROVAL

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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 *
 Pajonas Thomas L

(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)
 04/20/2006

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)
 VP, Div. Pres- FCD

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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock (\$1.25 par value per share)	04/20/2006		F	1,323	D \$ 56.31	47,761	D
Common Stock (\$1.25 par value per share)						114.93	I 401(k)

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

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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 Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Stock Option (right-to-buy)	\$ 22.9					<u>(1)</u> 07/15/2014	Common Stock	11,000
Stock Option (right-to-buy)	\$ 24.9					<u>(2)</u> 02/16/2015	Common Stock	11,000
Stock Option (right-to-buy)	\$ 27.97					<u>(3)</u> 04/20/2015	Common Stock	15,000
Stock Option (right-to-buy)	\$ 30.95					<u>(4)</u> 07/13/2015	Common Stock	25,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Pajonas Thomas L 5215 N. O'CONNOR BLVD., SUITE 2300 IRVING, TX 75039			VP, Div. Pres- FCD	

Signatures

/s/ Tara D. Mackey, attorney
in fact 04/24/2006
**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).

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- (1) The option shares vest and become exercisable as follows: 3,667 shares on July 15, 2005; 3,666 shares on July 15, 2006 and 3,667 shares on July 15, 2007.
- (2) The option shares vest and become exercisable as follows: 3,667 shares on February 16, 2006; 3,666 shares on February 16, 2007 and 3,667 shares on February 16, 2008.
- (3) The option shares vest and become exercisable in three equal annual installments on April 20, 2006; April 20, 2007 and April 20, 2008.
- (4) The option shares vest and become exercisable as follows: 8,334 shares on July 13, 2006; 8,333 shares on July 13, 2007 and 8,333 shares on July 13, 2008.

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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