

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
Estimated average burden
hours per response: 0.5

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

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* <u>RAMPACEK CHARLES M</u> (Last) (First) (Middle) <u>5215 N. O'CONNOR BLVD., SUITE 2300</u> (Street) <u>IRVING TX 75039</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>FLOWSERVE CORP [FLS]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>08/24/2006</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	(A) or (D)	Price			
Common Stock (\$1.25 par value per share)	08/24/2006		A		4,040	A	\$0.00	28,320	I	Rabbi Trust
Common Stock (\$1.25 par value per share)								1,200 ⁽¹⁾	I	By Wife
Common Stock (\$1.25 par value per share)								7,800	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Stock Option (right-to-buy)	\$13.13								(2)	04/20/2010	Common Stock	2,000	2,000	D	
Stock Option (right-to-buy)	\$25.69								(2)	04/19/2011	Common Stock	1,500	1,500	D	
Stock Option (right-to-buy)	\$32.12								(2)	04/18/2012	Common Stock	1,500	1,500	D	
Stock Option (right-to-buy)	\$14.29								(2)	04/21/2013	Common Stock	1,500	1,500	D	

Explanation of Responses:

1. The Reporting Person disclaims beneficial ownership of Common Stock held by his wife in her IRA account, except to the extent of his pecuniary interest.
2. Option shares are fully vested and exercisable.

Remarks:

/s/ Tara D. Mackey, attorney 08/28/2006
in fact

** Signature of Reporting Person Date

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.

POWER OF ATTORNEY

The undersigned, Charles M. Rampacek, being a director of Flowserve Corporation (the "Company"), hereby appoints Ronald F. Shuff, Tara D. Mackey and Mark A. Blinn, or any one of them, as his agent and attorney-in-fact to prepare and execute, on his behalf, all reports required, in the judgment of Ronald F. Shuff, Tara D. Mackey or Mark A. Blinn, to be filed with the Securities and Exchange Commission involving his transactions in the securities of the Company, including, without limitation, the filing of all his required Form 3, Form 4 and Form 5 reports.

This Power of Attorney shall extend until revoked in writing by the undersigned or until the undersigned is no longer subject to the requirements of Section 16 of the Securities Exchange Act due to termination of his role as a Director of the Company.

/s/ Charles M. Rampacek
Charles M. Rampacek

Dated: June 19, 2006