FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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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

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 [*] COBLE HUGH K						2. Issuer Name and Ticker or Trading Symbol FLOWSERVE CORP [FLS]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
(Last)						3. Date of Earliest Transaction (Month/Day/Year) 08/23/2005									X Dire Offic belo		er (give title		Owner (specify	
	5215 N. O'CONNOR BLVD.																,			
SUITE 2300						4. If Amendment, Date of Original Filed (Month/Day/Year)										6. Individual or Joint/Group Filing (Check Applicable Line)				
(Street) IR VING TX 75039				-											X Form filed by One Reporting Person Form filed by More than One Reporting Person					
															1 010					
(City) (State) (Zip)																				
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of Security (Instr. 3) 2. Transaction 2A. Deemed 3. 4. Securities Acquired (A) or 5. Amount of 6. Ownership 7. Nature																				
Da				2. Transac Date (Month/Da		Execution Date,			Transaction Di Code (Instr. an			Disposed Of (D) (Instr. 3,			8,4 Secur Benet Owne		ities icially d	6. Ownership Form: Direct (D) or Indirect (I)	of Indirect Beneficial Ownership	
									Code	v	Amoun		A) or D)	Price		Following Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)	(Instr. 4)	
Common Stock (\$1.25 par value per share) 08/23					2005				А		340		A	\$35	5.95 2		2,759	Ι	Rabbi Trust	
Common Stock (\$1.25 par value per share)																1,000		Ι	Family Trust	
Common Stock (\$1.25 par value per share)																300	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)	if any	emed ion Date, /Day/Year)	4. Transac Code (In 8)		5. on Number		6. Date Exercisat Expiration Date (Month/Day/Year		ble and 7. Ti Amo r) Secu Und Deri		itle and ount of urities derlying ivative urity (Instr. 3		8. Price of Derivative Security (Instr. 5)		9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisable	Exp Dat	oiration te	Title	or Nu of	mber						
Stock option (right-to- buy)	\$13.13								04/20/2001	04/	19/2010	Commo Stock		,000			2,000	D		
Stock option (right-to- buy)	\$25.69								04/19/2002	04/	18/2011	Commo Stock		,500			1,500	D		
Stock option (right-to- buy)	\$32.12								04/18/2003	04/	17/2012	Commo Stock		,500			1,500	D		
Stock option (right-to- buy)	\$14.29								04/21/2004	04/	20/2013	Commo Stock		,500			1,500	D		
	n of Respon																			

Explanation of Responses:

/s/ Ronald F. Shuff, by power 08/24/2005 ofattorney

** 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.