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 [*] HARRIS DIANE CAROL						2. Issuer Name and Ticker or Trading Symbol FLOWSERVE CORP [FLS]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last)	(Fi	irst)		3. Date of Earliest Transaction (Month/Day/Year) 08/09/2004									Off	ector icer (give title ow)		Owner r (specify v)			
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) IRVING TX 75039														X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City) (State) (Zip)																			
		Tab	ole I - N	lon-Deriv	vative	Sec	uriti	es A	cquired,	Dis	oosed	of, oı	Ben	eficia	ally Ow	ned			
1. Title of Security (Instr. 3) 2. Transa Date (Month/D					2A. Deemed Execution Date, if any (Month/Day/Year)		Transaction D Code (Instr. a		4. Securities Acquired (A Disposed Of (D) (Instr. 3, and 5)				Secu Ben Own		6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership			
									Code	v	Amoun		(A) or (D)	Price	Rep Tran	owing orted saction(s) r. 3 and 4)	(Instr. 4)	(Instr. 4)	
Common Stock (\$1.25 par value per share) 08/09/20					2004)04		A		619	9 A		\$22.	.07	24,348	Ι	Rabbi Trust		
Common Stock (\$1.25 par value per share)																3,300	D		
		т	able II						uired, Di s, options						y Owne	d			
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)		on Number E		6. Date Exercisable and Expiration Date (Month/Day/Year)			I 7. Title and Amount of Securities Underlying Derivative Security (Instr. : and 4)		tr. 3	8. Price of Derivativ Security (Instr. 5)	9. Number o derivative Securities Beneficially Owned Following Reported Transaction((Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership	
					Code	v	(A)	(D)	Date Exercisable		piration te	Title	or Nu of	nount Imber ares	er				
Stock Option (right-to- buy)	\$1.25								01/03/1998	01	/02/2005	Comm Stoc		788		788	D		
Stock Option (right-to- buy)	\$13.13								04/20/2001	04	/19/2010	Comm Stoc		,000		2,000	D		
Stock Option (right-to- buy)	\$25.69								04/19/2002	04	/18/2011	Comm Stoc		,700		1,700	D		
Stock Option (right-to- buy)	\$32.12								04/18/2003	04	/17/2012	Comm Stoc		,700		1,700	D		
Stock Option (right-to- buy)	\$14.29								04/21/2004	04	/20/2013	Comm Stoc		,700		1,700	D		

Explanation of Responses:

/s/ Ronald F. Shuff, by power ofattomey

08/10/2004

** Signature of Reporting Person Date

OMB APPROVAL

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.