

AS FILED WITH THE SECURITIES AND EXCHANGE COMMISSION ON DECEMBER 29, 1999  
REGISTRATION NO. 333-81707

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

POST-EFFECTIVE AMENDMENT NO. 1  
ON FORM S-8  
REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933

FLOWSERVE CORPORATION  
(Exact name of registrant as specified in its charter)

NEW YORK 31-0267900  
(State or other jurisdiction (I.R.S. Employer Identification No.)  
of incorporation or organization)

222 LAS COLINAS BOULEVARD, SUITE 1500  
IRVING, TEXAS 75039  
(Address of principal executive offices)

CHARLES C. HALL PROFIT SHARING RETIREMENT PLAN  
(Full title of plan)

RONALD F. SHUFF, ESQ.  
VICE PRESIDENT, SECRETARY AND GENERAL COUNSEL  
FLOWSERVE CORPORATION  
222 LAS COLINAS BOULEVARD, SUITE 1500  
IRVING, TEXAS 75039  
(972) 443-6500

(Name, address and telephone number, including area code, of agent for service)

By means of this Post-Effective Amendment No. 1 to Form S-8 Registration Statement No. 333-81707, filed with the Commission on June 28, 1999, the registrant hereby deregisters unsold shares of its common stock, par value \$1.25 per share, which were registered for the Charles C. Hall Profit Sharing Retirement Plan on Form S-8 Registration Statement No. 333-81707. This deregistration is being made as required in conjunction with the merger of the Charles C. Hall Profit Sharing Retirement Plan into the Flowserve Corporation Retirement Savings Plan.

## PART II

### INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

#### SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all the requirements for filing this Form S-8 and has duly caused this amendment to registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Irving, State of Texas, on the 22nd day of December, 1999.

Flowserve Corporation  
(Registrant)

By: /s/ Ronald F. Shuff

-----  
Vice President, Secretary and

General Counsel

Pursuant to the requirements of the Securities Act of 1933, as amended, this amendment to registration statement has been signed below by the following persons in the capacities and on the date indicated.

/s/ BERNARD G. RETHORE ----- Bernard G. Rethore	Chairman of the Board and Chief Executive Officer (Principal Executive Officer)	December 22, 1999
/s/ C. SCOTT GREER ----- C. Scott Greer	President, Chief Operating Officer and Director	December 22, 1999
/s/ RENEE J. HORNBAKER ----- Renee J. Hornbaker	Vice President and Chief Financial Officer (Principal Financial Officer)	December 22, 1999
/s/ RICK L. JOHNSON ----- Rick L. Johnson	Vice President Business Development and Controller (Principal Accounting Officer)	December 22, 1999
/s/ WILLIAM C. RUSNACK* ----- William C. Rusnack	Director, Chairman of Audit/Finance Committee	December 22, 1999
/s/ DIANE C. HARRIS* ----- Diane C. Harris	Director, Member of Audit/Finance Committee	December 22, 1999
/s/ CHARLES M. RAMPACEK* ----- Charles M. Rampacek	Director, Member of Audit/Finance Committee	December 22, 1999
/s/ JAMES O. ROLLANS* ----- James O. Rollans	Director, Member of Audit/Finance Committee	December 22, 1999
* By: /s/ RONALD F. SHUFF ----- Ronald F. Shuff Attorney-in-fact		

2

3

Pursuant to the requirements of the Securities Act of 1933, as amended, the persons who administer the Flowserve Corporation Retirement Savings Plan, the successor Plan to the Charles C. Hall Profit Sharing Retirement Plan, have duly caused this amendment to registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Irving, State of Texas on December 22, 1999.

THE PENSION AND INVESTMENT COMMITTEE  
OF FLOWSERVE CORPORATION

By: /s/ Ronald F. Shuff  
-----  
Vice President, Secretary and General Counsel

3