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

**FORM 12b-25**

**NOTIFICATION OF LATE FILING**

(Check one): ☐ Form 10-K ☐ Form 20-F ☐ Form 11-K ☒ Form 10-Q ☐ Form 10-D ☐ Form N-SAR ☐ Form N-CSR

For Period Ended: June 30, 2006

- ☐ Transition Report on Form 10-K  
☐ Transition Report on Form 20-F  
☐ Transition Report on Form 11-K  
☐ Transition Report on Form 10-Q  
☐ Transition Report on Form N-SAR

For the Transition Period Ended: \_\_\_\_\_

*Read Instruction (on back page) Before Preparing Form. Please Print or Type.*  
**Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.**

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

**PART I — REGISTRANT INFORMATION**

Flowserve Corporation

Full Name of Registrant

Former Name if Applicable

5215 N. O'Connor Blvd., Suite 2300

Address of Principal Executive Office (*Street and Number*)

Irving, Texas 75039

City, State and Zip Code

**PART II — RULES 12b-25(b) AND (c)**

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate)

- ☐ (a) The reason described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense
- (b) The subject annual report, semi-annual report, transition report on Form 10-K, Form 20-F, Form 11-K, Form N-SAR or Form N-CSR, or portion thereof, will be filed on or before the fifteenth calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-Q or subject distribution report on Form 10-D, or portion thereof, will be filed on or before the fifth calendar day following the prescribed due date; and
- (c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

**PART III — NARRATIVE**

State below in reasonable detail why Forms 10-K, 20-F, 11-K, 10-Q, 10-D, N-SAR, N-CSR, or the transition report or portion thereof, could not be filed within the prescribed time period.

As a result of the significant delay in completing our (i) Annual Reports on Form 10-K for the years ended December 31, 2005 and 2004; (ii) the Quarterly Reports on Form 10-Q for both 2004 and 2005 and (iii) the obligations regarding internal control certification under Section 404 of the Sarbanes-Oxley Act of 2002, the Company is unable to timely file with the Securities and Exchange Commission, its Quarterly Report on Form 10-Q for the quarter ended

June 30, 2006 ("2006 2Q Form 10-Q").

SEC 1344 (03-05)

**Persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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(Attach extra Sheets if Needed)  
**PART IV — OTHER INFORMATION**

(1) Name and telephone number of person to contact in regard to this notification

Tara D. Mackey  
(Name)

972  
(Area Code)

443-6610  
(Telephone Number)

(2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If answer is no, identify report(s).

Yes ☐ No ☒

The Company has not yet filed its 2006 1Q Form 10-Q.

(3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof?

Yes ☒ No ☐

If so, attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

The Company has not yet finalized the financial statements for the 2006 2Q Form 10-Q. Preliminary results indicate an increase in operating income and pretax income, however the results are only preliminary and as such, final results may differ significantly. At this time, the Company is unable to determine the actual change in results of operations from the corresponding period of the prior year.

Flowserve Corporation  
(Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned hereunto duly authorized.

Date August 9, 2006

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

INSTRUCTION: The form may be signed by an executive officer of the registrant or by any other duly authorized representative. The name and title of the person signing the form shall be typed or printed beneath the signature. If the statement is signed on behalf of the registrant by an authorized representative (other than an executive officer), evidence of the representative's authority to sign on behalf of the registrant shall be filed with the form.