FEDERLE LOUIS A

Form 4

January 18, 2005

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

3235-0287 Number: January 31,

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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. Name and Address of Reporting Person *

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

2. Issuer Name and Ticker or Trading FEDERLE LOUIS A Issuer Symbol COMMERCIAL METALS CO (Check all applicable) [CMC] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) below) 1261 ALTO VISTA 01/14/2005 Treasurer 6. Individual or Joint/Group Filing(Check

(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

5. Relationship of Reporting Person(s) to

FAIRVIEW, TX 75069

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities Form: Direct Indirect (Instr. 3) Code (D) Beneficially (D) or Beneficial Indirect (I) Ownership (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price \$ Common 01/14/2005 800⁽¹⁾ A 38,488 (3) D A 13.4 Stock (2)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amour	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)) Derivative			Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	3 and 4)		Own
	Security				Acquired	cquired					Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Exercisable Date	Expiration Date	or Title Nu			
									oi Number		
				Code V	(A) (D)						
				Code V	(A) (D)				of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

FEDERLE LOUIS A 1261 ALTO VISTA FAIRVIEW, TX 75069

Treasurer

Signatures

LOUIS A.

FEDERLE 01/18/2005

**Signature of Person Date

**Reporting Person

Explanation of Responses:

- * 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).
- (1) Shares purchased under the Company's General Employee Stock Purchase Plan. The share amount reflects the 2 for 1 stock split issued to shareholders of record December 13, 2004, and paid January 10, 2005.
- (2) The per share price has been adjusted to reflect the per share price for all shares, resulting from the 2 for 1 stock split in the form of a stock dividend to holders of record December 13, 2004 distributed January 10, 2005.
- (3) Includes the additional shares resulting from the 2 for 1 stock split in the form of a stock dividend to holders of record December 13, 2004 distributed January 10, 2005.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential 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 number.

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