FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue. See

Instruction 1(b).

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

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OMB Number: 3235-0287 Estimated average burden hours per response... 0.5

OMB APPROVAL

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Fillit of Ty	pe Responses	3)														
1. Name and Address of Reporting Person * RIEDERER RICHARD K				2. Issuer Name and Ticker or Trading Symbol CLEVELAND CLIFFS INC [CLF]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)X_ Director 10% Owner					
((Last) (First) (Middle) 225 W35020 MANOR HOUSE RD.				3. Date of Earliest Transaction (Month/Day/Year) 01/03/2005						_	Officer (give	e title below)	Othe	r (specify below	v)
(Street)				4. If Amendment, Date Original Filed(Month/Day/Year)						_X_	6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person Form filed by More than One Reporting Person					
OCONO	MOWAC,	WI 53066										ronn med by	wore than One	Reporting Person		
(Cit	y)	(State)	(Zip)			Ta	able I - N	Non-Deriva	tive Secu	rities	s Acquirec	d, Disposed	of, or Bene	ficially Own	ed	
1.Title of S (Instr. 3)	2. Transaction Date (Month/Day/Yes				ate, if	3. Transa Code (Instr. 8)	(A	4. Securities Acquire (A) or Disposed of (Instr. 3, 4 and 5)		of (D) Ov Tra	Amount of S vned Follow ansaction(s)	ring Reporte	ed (Ownership Form:	Beneficial	
				(Month	n/Day/	Year)	Code	V Ar	`	.) or D)	(In	(Instr. 3 and 4)		(Direct (D) Ownersl or Indirect (Instr. 4) (Instr. 4)	
	on Stock									_,		4,430.352 (1)		D	,	
Reminder:	Report on a s	separate line for each	a class of securities l	beneficial	lly ow	ned dir		Persons in this fo	rm are n	ot re	equired to	o respond	unless the	tion contain e form	ed SEC 1	474 (9-02)
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Reminder:	2. Conversion	3. Transaction Date		Derivati (e.g., put 4. Transac Code	ive Sects, call 5 ttion S S O O O O O O O O O O O O O O O O O O	curities	s Acquirrants, op per of dive a ees (d (A)) osed of	Persons in this fo displays ed, Dispos	rm are r a currer ed of, or vertible s ercisable tion Date	ot retly v	equired to valid OME eficially Ov	o respond 3 control n wned Amount	unless the number.	9. Number o Derivative Securities Beneficially Owned Following Reported Transaction(Ownersh Form of Derivativ Security: Direct (I or Indire s) (I)	11. Nation of Indirection Benefic Owners (Instr. 4
Reminder: 1. Title of Derivative Security	2. Conversion or Exercise Price of Derivative	3. Transaction Date	Table II - 3A. Deemed Execution Date, if any	Derivati (e.g., put 4. Transac Code	ive Sects, call 5 ttion S S O O O O O O O O O O O O O O O O O O	curities ls, war 5. Numl Derivati Securiti Acquire or Dispo (D) Instr. 3	s Acquirerants, opport of the set	Persons in this fo displays ed, Dispos otions, con 6. Date Exe and Expirat	rm are r a currer ed of, or vertible s creisable ion Date y/Year)	ot rettly v Beneral Tools S (I)	equired to valid OME efficially Ovities) 7. Title and of Underlyi Securities	o respond 3 control n wned Amount	8. Price of Derivative Security	9. Number o Derivative Securities Beneficially Owned Following Reported	Tool Ownersh Form of Derivativ Security: Direct (E or Indire	11. Nation of Indirection Benefic Owners (Instr. 4

	Relationships					
Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
RIEDERER RICHARD K S25 W35020 MANOR HOUSE RD. OCONOMOWAC, WI 53066	X					

Signatures

Donald J. Gallagher; by Power of Attorney	01/05/2005
**Signature of Reporting Person	Date

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) Includes 4.1760 shares of Restricted Stock acquired December 1, 2004 pursuant to a dividend reinvestment feature of the Nonemployee Directors' Compensation Plan ("Plan"). Also, on December 31, 2004, the common stock of Cleveland-Cliffs Inc split 2-for-1, resulting in the reporting person's acquisition of 2,215.176 additional shares of common stock.
- (2) Convertible into Common Shares on a 1-for-1 basis.

- Reflects number of Common Shares underlying deferred compensation credited to the account of the Reporting Person in payment of the Reporting Person's Quarterly Required Retainer under the Cleveland-Cliffs Inc Nonemployee Directors Compensation Plan. Each Stock Unit is generally distributable following termination of service as a Director.
- (4) Includes dividend equivalents (a total of .9525 shares) credited to the Reporting Person on December 1, 2004 under the Plan. Also, on December 31, 2004, the common stock of Cleveland-Cliffs Inc split 2-for-1, resulting in the reporting person's acquisition of 741.5653 additional shares of common stock.

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.