Frias James D Form 4 June 03, 2010

FORM 4

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

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

OMB APPROVAL

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

1(b).

Form 5

(Print or Type Responses)

1. Name and Address of Reporting Person ** Frias James D			2. Issuer Name and Ticker or Trading Symbol NUCOR CORP [NUE]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
1915 REXFORD ROAD			(Month/Day/Year) 06/01/2010	Director 10% OwnerX_ Officer (give title Other (specify below) CFO, Treasurer and EVP			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
CHARLOTTE, NC 28211			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zin)					

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	06/01/2010		A	6,968 (1)	A	\$ 0	57,900	D	
Common Stock	06/01/2010		F	100	D	\$ 43.05	57,800	D	
Common Stock	06/01/2010		F	91	D	\$ 43.05	57,709	D	
Common	06/01/2010		E	15/	D	\$	57 555	D	

154

57,555

D

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

F

06/01/2010

Stock

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SEC 1474 (9-02)

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

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	Transacti	orNumber	Expiration Da	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	e		Securit	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr. :	3 and 4)		Owne
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A		
									Amount		
						Date	Expiration		or		
						Exercisable	Date	Title Number			
				G 1 W	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Frias James D

1915 REXFORD ROAD CFO, Treasurer and EVP

CHARLOTTE, NC 28211

Signatures

/s/ Kelly J. Wilmoth, attorney-in-fact for Mr. Frias 06/03/2010

**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).

The shares of common stock reported are issuable to the reporting person upon vesting of restricted stock units that represent the right to receive one share of common stock. The restricted stock units vest in three annual installments commencing on June 1, 2011, subject to

(1) acceleration upon the date of termination of the reporting person's employment with the company by reason of death, disability or retirement or upon a change in control of the company. The company will issue the shares of common stock represented by the units to the reporting person or, if applicable, his or her estate, as soon as administratively practicable after the units become vested.

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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