#### NL INDUSTRIES INC

Form 4

September 22, 2005

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

**OMB APPROVAL** 

3235-0287

Expires:

January 31, 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

**SECURITIES** 

obligations may continue. See Instruction

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)

09/21/2005

\$0.125 par value

(Print or Type I	Responses)										
1. Name and Address of Reporting Person * SIMMONS HAROLD C			2. Issuer Name <b>and</b> Ticker or Trading Symbol NL INDUSTRIES INC [NL]				g	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction					(Chee	к ан аррисаон	,	
5430 LBJ F					onth/Day/Year) 20/2005				_X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below) Chairman of the Board & CEO		
	(Street)		4. If Ame	4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
DALLAS, TX 75240				Filed(Month/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)									
(City)	, ,			le I - Non-D	erivative S	Securi	ties Acqı	iired, Disposed of	f, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)			Code (Instr. 3, 4 and 5) (Instr. 8)  (A) or			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 \$0.125 par value	09/20/2005			P	36,800	A		227,800	D		
Common stock \$0.125 par value	09/21/2005			P	15,200	A	\$ 14	243,000	D		
Common	09/21/2005			P	10 000	A	\$	253 000	D		

P

10,000 A

D

253,000

14.25

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Common stock \$0.125 par value	40,350,931	I	by Valhi
Common stock \$0.125 par value	222,100	I	by TFMC
Common stock \$0.125 par value	119,475	I	by Spouse

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

Persons who 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.

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 Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transact Code (Instr. 8)	5. orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	5	ate	7. Titl Amou Under Secur (Instr.	ant of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secun Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
<b>Fg</b>	Director	10% Owner	Officer	Other			
SIMMONS HAROLD C 5430 LBJ FREEWAY SUITE 1700 DALLAS, TX 75240	X	X	Chairman of the Board & CEO				

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## **Signatures**

A. Andrew R. Louis, Attorney-in-fact, for Harold C. Simmons

09/22/2000

\*\*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) Directly held by Valhi, Inc. See the Additional Information filed as an exhibit to this statement for a description of the relationships among the persons joining in this filing.
- (2) Directly held by TIMET Finance Management Company. See the Additional Information filed as an exhibit to this statement for a description of the relationships among the persons joining in this filing.
- (3) Directly held by the Reporting Person's spouse. The Reporting Person disclaims beneficial ownership of these shares.

#### **Remarks:**

**Exhibit Index** 

99 Additional Information

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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