SIMMONS HAROLD C

Form 4

December 12, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

OMB APPROVAL

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

Check this box

obligations may continue. See Instruction

1. Name and Address of Reporting Person *

(First)

(Middle)

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

2. Issuer Name and Ticker or Trading

NL INDUSTRIES INC [NL]

3. Date of Earliest Transaction

Symbol

1(b).

(Last)

(Print or Type Responses)

SIMMONS HAROLD C

5430 LBJ FREEWAY, SUITE 1700			(Month/Day/Year) 12/12/2011				_X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below) Chairman of the Board & CEO			
			If Amendment, Date Original ed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
DALLAS, TX 75240							Form filed by More than One Reporting Person			
(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Own							ly Owned		
1.Title of Security (Instr. 3)	an	xecution Date, if	3. Transaction Code (Instr. 8)	(Instr. 3,	ispose 4 and (A) or	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)		
Common stock \$0.125 par value	12/12/2011		P <u>(1)</u>	6	A	\$ 12.25	399,391	I	by Spouse	
Common stock \$0.125 par value	12/12/2011		P <u>(1)</u>	100	A	\$ 12.38	399,491	I	by Spouse	
Common stock \$0.125 par value	12/12/2011		P(1)	100	A	\$ 12.39	399,591	I	by Spouse (2)	

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Common stock \$0.125 par value	12/12/2011	P(1)	104	A	\$ 12.4	399,695	I	by Spouse
Common stock \$0.125 par value	12/12/2011	P <u>(1)</u>	300	A	\$ 12.41	399,995	I	by Spouse
Common stock \$0.125 par value	12/12/2011	P <u>(1)</u>	100	A	\$ 12.42	400,095	I	by Spouse
Common stock \$0.125 par value	12/12/2011	P <u>(1)</u>	4,296	A	\$ 12.5	404,391	I	by Spouse
Common stock \$0.125 par value						40,387,531	I	by Valhi
Common stock \$0.125 par value						1,052,054	D	
Common stock \$0.125 par value						222,100	I	by TFMC
Common stock \$0.125 par value						2,000	I	by Kronos

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e	Securities	(Instr. 5)	Bene
	Derivative				Securities	S	(Instr. 3 and 4)		Own
	Security				Acquired				Follo

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(A) or Disposed of (D) (Instr. 3, 4, and 5)

Relationships

Code V (A) (D) Date

Exercisable

Expiration Title Amount Date or

Number of Shares Repo

Trans

(Insti

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

SIMMONS HAROLD C 5430 LBJ FREEWAY, SUITE 1700 DALLAS, TX 75240

X

X

Chairman of the Board & CEO

Signatures

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

**Signature of Reporting Person

12/12/2011 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) Open market purchase by the reporting person's spouse.
- (2) Directly held by the reporting person's spouse. The reporting person disclaims beneficial ownership of any shares of the issuer's common stock that his spouse holds.
- (3) Directly held by Valhi, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship to the reporting person.
- (4) Directly held by TIMET Finance Management Company. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship to the reporting person.
- (5) Directly held by Kronos Worldwide, Inc. See the Additional Information filed as Exhibit 99 to this statement for a description of the relationship to the reporting person.

Remarks:

Exhibit Index

Exhibit 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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