Wieser Helmut Form 4 January 25, 2010

FORM 4

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

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OMB APPROVAL

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may continue.

See Instruction

Check this box

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

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).

Form 5

(Print or Type Responses)

1. Name and Address of Reporting Person ** Wieser Helmut			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			ALCOA INC [AA]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	•			
201 ISABELLA	A STREET		(Month/Day/Year) 01/21/2010	Director 10% Owner X Officer (give title Other (specify below) below) Executive Vice President			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
PITTSBURGH, PA 15212			Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting I Form filed by More than One I Person				
(City)	(State)	(Zip)		· ID· I C D C· II O			

(City)	(State)	(Zip) Table	e I - Non-D	erivative S	Securit	ties Aco	quired, Disposed	of, or Beneficia	lly Owned
1.Title of Security	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if			4. Securition(A) or Dis		•	5. Amount of Securities	6. Ownership Form: Direct	Indirect
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(D) (Instr. 3, 4	4 and 5	5)	Owned Following	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	01/21/2010		A	30,825	A	\$0	153,185	D	
Common Stock							2,161	I	By Company 401(k) Plan

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

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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. Transactio Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5))		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Employee										
Stock Option (right to	\$ 8.33	01/21/2010		A	246,600		<u>(1)</u>	01/23/2015	Common Stock	246,60

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Wieser Helmut

buy)

201 ISABELLA STREET Executive Vice President

PITTSBURGH, PA 15212

Signatures

Brenda Hart (Assistant Secretary), by power of attorney 01/25/2010

**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).
- (1) The option vests in three annual installments as follows: 1/3 vests on January 23, 2010, 1/3 vests on January 23, 2011 and 1/3 vests on January 23, 2012.
- (2) Employee stock options are granted without payment of consideration.
- On January 23, 2009, the reporting person was granted a performance stock option at a target level of 246,600 shares, with the actual number to be received to be based on Alcoa's free cash flow performance for 2009. Based on the calculation of Alcoa's performance for 2009, the reporting person received on January 21, 2010 an option to purchase 246,600 shares of Alcoa common stock.
- (4) In the aggregate, a total of 732,626 employee stock options (with various exercise prices and expiration dates) were beneficially owned by the reporting person as of the date of this report.

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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