

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

1. Name and Address of Reporting Person* <u>Wieser Helmut</u> _____ (Last) (First) (Middle) <u>201 ISABELLA STREET</u> _____ (Street) <u>PITTSBURGH PA 15212</u> _____ (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol <u>ALCOA INC [AA]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title below) Other (specify below) <u>Executive Vice President</u>		
			3. Date of Earliest Transaction (Month/Day/Year) <u>02/01/2011</u>					
			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/01/2011		M		100,000	A	\$8.33	245,436	D	
Common Stock	02/01/2011		S		100,000	D	\$17.2049 ⁽¹⁾	145,436	D	
Common Stock								3,044	I	By Company 401(k) Plan

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (right to buy)	\$8.33	02/01/2011		M		100,000		(2)	01/23/2015	Common Stock	100,000	\$0 ⁽³⁾	393,200 ⁽⁴⁾	D	

Explanation of Responses:

- The price reported in column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$17.18 to \$17.23. The reporting person undertakes to provide to Alcoa Inc., any security holder of Alcoa Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each price within the range set forth in this footnote.
- The option is part of an option grant that vests in three equal annual installments beginning January 23, 2010. 82,200 of the options exercised by the reporting person vested on January 23, 2010 and 17,800 vested on January 23, 2011.
- Employee stock options are granted without payment of consideration.
- In the aggregate, a total of 942,440 employee stock options (with various exercise prices and expiration dates) were beneficially owned by the reporting person as of the date of this report.

Remarks:

Brenda Hart (Assistant Secretary), by power of attorney 02/02/2011

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.