

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 Officer (give title below) Other (specify below) <u>Executive Vice President</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/20/2011</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

**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	01/20/2011		A		17,300	A	\$0	145,436	D	
Common Stock								3,051	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
Employee Stock Option (right to buy)	\$13.54	01/20/2011		A		160,680		(1)	01/26/2020	Common Stock	160,680	(2)	160,680 <sup>(3)(4)</sup>	D	

**Explanation of Responses:**

- The option vests in three annual installments as follows: 1/3 vests on January 26, 2011, 1/3 vests on January 26, 2012 and 1/3 vests on January 26, 2013.
- Employee stock options are granted without payment of consideration.
- On January 26, 2010, the reporting person was granted a performance stock option at a target level of 160,680 shares, with the actual number to be received to be based on Alcoa's free cash flow and profit performance for 2010. Based on the calculation of Alcoa's performance for 2010, the reporting person received on January 20, 2011 an option to purchase 160,680 shares of Alcoa common stock.
- In the aggregate, a total of 975,900 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 01/24/2011

\*\* 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.