

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
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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>REDSTONE SHARI</u> (Last) (First) (Middle) <u>51 WEST 52ND STREET</u> (Street) <u>NEW YORK NY 10019</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>CBS CORP [CBS, CBS.A]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <p style="text-align: center;">Vice Chair</p>
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/31/2011</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			
CBS Class B common stock	01/31/2011		M		7,734 ⁽²⁾	A	\$0 ⁽³⁾	29,739 ⁽⁴⁾	D	
CBS Class B common stock	01/31/2011		A		128 ⁽⁵⁾	A	\$0.0000 ⁽³⁾	29,867	D	
CBS Class B common stock								1,500	I	By Trusts ⁽⁶⁾

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					
Director Stock Option (right to buy) ⁽⁷⁾	\$19.83	01/31/2011		A		5,093		01/31/2012 ⁽⁸⁾	01/31/2021	CBS Class B common stock	(7)	5,093	D	
Restricted Share Units ⁽⁹⁾	(1)	01/31/2011		M		7,734		01/31/2011 ⁽¹⁾	(1)	CBS Class B common stock	\$0.0000	0.0000	D	
Restricted Share Units ⁽⁹⁾	(10)	01/31/2011		A		5,043		01/31/2012 ⁽¹⁰⁾	(10)	CBS Class B common stock	(9)	5,043	D	

Explanation of Responses:

- The Restricted Share Units vested on January 31, 2011, and absent a deferral election by the Reporting Person, would have been settled by delivery of a corresponding number of shares of the Issuer's Class B Common Stock. The Reporting Person has elected to defer receipt of such shares of Class B Common Stock.
- Represents shares of the Issuer's Class B common stock to which the Reporting Person became entitled upon vesting of Restricted Share Units (RSU's), receipt of which the Reporting Person has elected to defer.
- On January 31, 2011 the closing price of the CBS Class B common stock on the NYSE was \$19.83.
- Includes shares acquired periodically pursuant to a dividend reinvestment program meeting the requirements of Rule 16a-11.
- Represents shares of the Issuer's Class B common stock to which the Reporting Person became entitled with respect to (i) dividend equivalents accrued prior to vesting of RSU's, receipt of which the Reporting Person has elected to defer; and (ii) dividend equivalents accrued on previously vested restricted share units for which settlement has been deferred.
- These shares are held in three separate trusts for the benefit of the reporting person's children. The reporting person is a co-trustee of these trusts.
- Right to buy under Issuer's stock option plan for outside directors.
- These options vest in three equal annual installments beginning on January 31, 2012.
- Granted under the Issuer's RSU Plan for Outside Directors.
- The Restricted Share Units will on January 31, 2012 and will be settled by delivery of a corresponding number of shares of the Issuer's Class B Common Stock upon vesting, unless the Reporting Person has elected to defer settlement.

/s/ Shari Redstone

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.