

Thompson Larry D.
Form 4
April 14, 2010

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Thompson Larry D.

2. Issuer Name and Ticker or Trading Symbol
PEPSICO INC [PEP]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
700 ANDERSON HILL ROAD
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
04/12/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
SVP Gov Affairs and Secretary

PURCHASE, NY 10577

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Ownership (Instr. 4)			
PepsiCo, Inc. Common Stock	04/12/2010		A	(A) or (D)	12,707 (1)	A	\$ 0	67,364	D	
PepsiCo, Inc. Common Stock					149.8581	(2)	I			By 401(k)

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. 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 Underlying Securities (Instr. 3 and 4)	8. F... Der... Sec... (In...			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 66.5					04/12/2013	04/12/2020			PepsiCo, Inc. Common Stock	50,827

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Thompson Larry D. 700 ANDERSON HILL ROAD PURCHASE, NY 10577			SVP Gov Affairs and Secretary	

Signatures

/s/ Larry D. Thompson
04/14/2010

**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) This number represents the performance-based restricted stock units ("PSUs") granted to the reporting person as a portion of his compensation from PepsiCo, Inc. These PSUs will become vested on April 12, 2013 contingent upon the achievement of pre-established performance targets over a two-year performance period and Compensation Committee approval. The reporting person may receive a number of shares of PepsiCo Common Stock from 0% to 125% of the PSUs granted, depending on the performance level achieved.

(2) Reflects number of shares held under the reporting person's account in the PepsiCo 401(k) Plan as of April 12, 2010.

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

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