Boyle Frederick J Form 4 April 10, 2012

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations may continue.

See Instruction 1(b).

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)

(Last)

(City)

1. Name and Address of Reporting Person * Boyle Frederick J

(Middle)

(Zip)

Symbol

PEPCO HOLDINGS INC [POM]

2. Issuer Name and Ticker or Trading

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

C/O PEPCO HOLDINGS, INC., 701 9TH STREET, NW

(Street)

(State)

(First)

04/09/2012

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

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Issuer

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify

below) Sr. Vice President & CFO

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

below)

WASHINGTON, DC 20068

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

Form: Direct (D) or Indirect (I) (Instr. 4)

6. Ownership 7. Nature of Indirect Beneficial Ownership (Instr. 4)

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

(A)

Common 04/09/2012 Stock

8,460 \$0 A (1) (1)

8,460

D

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

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 control number.

SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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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. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title a Amount of Underlying Securities (Instr. 3 a	of ng s	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Boyle Frederick J C/O PEPCO HOLDINGS, INC. 701 9TH STREET, NW WASHINGTON, DC 20068

Sr. Vice President & CFO

Signatures

Frederick J. Boyle by Jane K. Storero, Attorney-in-Fact

04/10/2012

**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).

Shares represent restricted stock units (RSUs) awarded on April 9, 2012 under the Long-Term Incentive Plan (LTIP) which are subject to forfeiture if the executive's employment terminates before April 9, 2015, except as otherwise provided under the terms of the LTIP. Each

(1) RSU not forfeited will be settled by the delivery of one share of PHI common stock. When a dividend is paid on the PHI common stock, the RSU balance will be credited with additional RSUs equal to the per share amount of the dividend multiplied by the number of RSUs divided by the market price of the common stock on the trading day immediately prior to the dividend payment date. Dividend credits will vest only to the extent the related RSUs vest.

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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