McCarthy Margaret M Form 4 February 16, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

Number:

January 31,

Expires:

2005

0.5

Estimated average burden hours per response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * McCarthy Margaret M			2. Issuer Name and Ticker or Trading Symbol AETNA INC /PA/ [AET]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
AETNA INC AVENUE	., 151 FAR	MINGTON	10/20/2010	X Officer (give title Other (specify below)			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
HARTFORD). CT 06156		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
III III OILD	, 21 30130			Person			

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	omr Dispos (Instr. 3,	ed of (4 and 5 (A) or	5)	5. Amount of Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4) (Instr. 3 and 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	10/20/2010		Code V S	Amount 200	(D)	Price \$ 31.02	0	D	
Common Stock	02/14/2011		M	87,201	A	\$ 32.11	0	D	
Common Stock	02/14/2011		F(1)	78,784	D	\$ 37.43	0	D	
Common Stock	02/15/2011		M	6,204	D	\$ 33.375	0	D	
Common Stock	02/15/2011		S	14,621	D	\$ 37.15 (2)	9,665 (3)	D	

Common Stock 1,012 $\stackrel{(4)}{=}$ I By 401(k) Plan

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

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SEC 1474

(9-02)

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. Transactic Code (Instr. 8)	5. Number of or 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 Amoun Underlying Securiti (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amor or Numl of Sh
Stock Appreciation Right	\$ 32.11	02/14/2011		M	87,201	02/13/2010	02/13/2019	Common Stock	87,2
Employee Stock Option	\$ 33.375	02/15/2011		M	6,204	02/11/2006	02/11/2015	Common Stock	6,2

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

McCarthy Margaret M AETNA INC. 151 FARMINGTON AVENUE HARTFORD, CT 06156

EVP, Operations & Technology

Signatures

Margaret M. McCarthy by Judith H. Jones, Attorney
-in-fact
02/16/2011

**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) Stock Appreciation Right is net settled; amount represents withholding of shares by the Company to pay exercise price and taxes.

Reporting Owners 2

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- (2) Average Sale Price. Range of sales was between \$37.03 and \$37.25.
- (3) Includes 12 shares acquired through dividend reinvestment.
- (4) Represents the pro rata portion of the stock portion of Aetna Common Stock Fund held by reporting person on January 31, 2011. The information is based on information provided by the Plan Trustee as of that date.

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.