Eaton Corp plc Form 4 January 25, 2013

FORM 4

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

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

0.5

Estimated average burden hours per response...

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Check this box

SECURITIES

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

(Last)

1. Name and Address of Reporting Person * MCCOY DEBORAH L

2. Issuer Name and Ticker or Trading Symbol

Eaton Corp plc [ETN]

(Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

EATON CENTER, 1111 SUPERIOR 01/23/2013 **AVENUE**

(Street)

(First)

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

CLEVELAND, OH 44114

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Indirect Beneficial (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned (I) Ownership (Instr. 4) Following (Instr. 4)

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

Code V Amount (D) Price

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 3. Transaction Date 3A. Deemed 5. Number 6. Date Exercisable and 7. Title and Amount Derivative Conversion (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date of Underlying Security or Exercise any Code Securities (Month/Day/Year) Securities

8. Pr

Deriv

Secu

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(Instr. 3)	Price of Derivative Security	(Month	(Month/Day/Year)	(Instr. 8	(A) o Disp (D)	or osed of r. 3, 4,			(Instr. 3 and	4)	(Instr
				Code	V (A) (D)) Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 0	01/23/2013		A	2,3	38	<u>(1)</u>	(1)	Ordinary Shares	2,338	\$

Reporting Owners

Reporting Owner Name / Address	Relationships						
rg	Director	10% Owner	Officer	Other			
MCCOY DEBORAH L							
EATON CENTER	X						
1111 SUPERIOR AVENUE	Λ						
CLEVELAND, OH 44114							

Signatures

/s/Elizabeth K. Riotte, as Attorney-in-Fact

01/25/2013

**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) These restricted stock units vest in their entirety upon the reporting person's retirement from the Eaton Corporation plc Board of Directors.

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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