LOOF PER OLOF Form 4 February 01, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

obligations may continue. See Instruction

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 * LOOF PER OLOF

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

7. Nature of

Ownership

(Instr. 4)

Indirect

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Issuer

(Last)

(City)

(Instr. 3)

(Middle)

KEMET CORP [KEM] 3. Date of Earliest Transaction

(Month/Day/Year)

01/29/2010

X Director 10% Owner Other (specify

X_ Officer (give title below)

below) Chief Executive Officer

(Check all applicable)

KEMET CORPORATION, 2835 KEMET WAY

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

(Zip)

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

Person

SIMPSONVILLE, SC 29681

1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year)

(State)

3. 4. Securities Execution Date, if TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

5. Amount of 6. Ownership Securities Form: Direct Beneficially (D) or Indirect Beneficial Owned (T) Following (Instr. 4)

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

Code V Amount (D) Price

(A)

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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 4. 5. Number of 6. Date Exercisable and 7. Title and Amount Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative **Expiration Date** Underlying Securities Security or Exercise any Code Securities (Month/Day/Year) (Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amoun Numbe Shares
Employee Stock Option (Right to buy)	\$ 1.46	01/29/2010		A	125,000		06/30/2014	01/29/2020	Common Stock	125,0
Employee Stock Option (Right to buy)	\$ 1.46	01/29/2010		A	125,000		06/30/2015	01/29/2020	Common Stock	125,0

Reporting Owners

Reporting Owner Name / Address	Relationships						
Toporous o muor round / radia cos	Director	10% Owner	Officer	Other			
LOOF PER OLOF KEMET CORPORATION 2835 KEMET WAY SIMPSONVILLE, SC 29681	X		Chief Executive Officer				

Signatures

/s/ Per-Olof
Loof

**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).

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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