

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 10-K/A

(Amendment No. 1)

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended March 31, 2004

Or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission File Number: 0-20289

KEMET Corporation

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

57-0923789

(IRS Employer
Identification No.)

2835 KEMET Way, Simpsonville, South Carolina

(Address of principal executive offices)

29681

(Zip Code)

Registrant's telephone number, including area code: **(864) 963-6300**

Securities registered pursuant to Section 12(b) of the Act:

Title of each class

Name of each exchange on which registered

Common Stock, \$.01 Par Value
(Title of class)

New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: **None**

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.
 Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is an accelerated filer (as defined in Exchange Act Rule 12b-2). Yes No

Aggregate market value of voting Common Stock held by non-affiliates of the registrant as of September 30, 2003, computed by reference to the closing sale price of the registrant's Common Stock was approximately \$1,019,128,600.

Number of shares of each class of Common Stock outstanding as of May 31, 2004: Common Stock, \$.01 Par Value 86,496,284

DESCRIPTION OF AMENDMENT NO. 1

Amendment No. 1 includes a disclosure required by Regulation S-K (Items 307 and 308(a)). The disclosure is Part II, Item 9A – Controls and Procedures.

The following section is added to the Company's Annual Report on Form 10-K for the fiscal year ended March 31, 2004:

ITEM 9A. CONTROLS AND PROCEDURES

The Company's management evaluated, with the participation of the Chief Executive Officer and Chief Financial Officer, the effectiveness of the Company's disclosure controls and procedures as of March 31, 2004. Based on that evaluation, the Chief Executive Officer and Chief Financial Officer have concluded that the Company's disclosure controls and procedures were effective as of March 31, 2004. There has been no change in the Company's internal control over financial reporting that occurred during the fourth quarter of the fiscal year ending March 31, 2004 that has materially affected, or is reasonably likely to material affect, the Company's internal control over financial reporting.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

KEMET
CORPORATION
(Registrant)

Date: April 27, 2005

/s/ DAVID E.
GABLE

David E. Gable
*Vice President
and Chief
Financial Officer*

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Date: April 27, 2005

/s/ PER-OLOF LOOF

Per-Olof Loof
*Chief Executive Officer and Director
(Principal Executive Officer)*

Date: April 27, 2005

/s/ DAVID E. GABLE

David E. Gable
*Vice President and Chief Financial Officer
(Principal Accounting and Financial Officer)*

Date: April 27, 2005

/s/ FRANK G. BRANDENBURG

Frank G. Brandenburg
Chairman and Director

Date: April 27, 2005

/s/ CHARLES E. VOLPE

Charles E. Volpe
Director

Date: April 27, 2005

/s/ MAUREEN E. GRZELAKOWSKI

Maureen E. Grzelakowski
Director

Date: April 27, 2005

/s/ E. ERWIN MADDREY, II

E. Erwin Maddrey, II
Director

Date: April 27, 2005

/s/ JOSEPH D. SWANN

Joseph D. Swann
Director

CERTIFICATION OF CHIEF EXECUTIVE OFFICER

I, Per-Olof Loof, certify that:

1. I have reviewed this amended annual report on Form 10-K of KEMET Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (c) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize, and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: April 27, 2005

/S/ PER-OLOF LOOF

Per-Olof Loof

Chief Executive Officer and Director

I, David E. Gable, certify that:

1. I have reviewed this amended annual report on Form 10-K of KEMET Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (c) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize, and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: April 27, 2005

/S/ DAVID E. GABLE

David E. Gable
Vice President and
Chief Financial Officer