

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

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

Date of report (Date of earliest event reported): October 21, 2004

TECHNE CORPORATION  
(Exact Name of Registrant as Specified in Charter)

Minnesota                      0-17272                      41-1427402  
(State or Other Jurisdiction      (Commission      I.R.S. Employer  
of Incorporation)                      File Number)      Identification No.)

614 Mckinley Place NE  
Minneapolis, MN                      55413  
(Address of Principal Executive Offices)      (Zip Code)

Registrant's telephone number, including area code: (612) 379-8854

Not Applicable  
(Former Name or Former Address, if changed since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to  
simultaneously satisfy the filing obligations of the registrant under any  
of the following provisions:

// Written communications pursuant to Rule 425 under the Securities Act  
17 CFR 230.425)

// Soliciting material pursuant to Rule 14a-12 under the Exchange Act  
(17 CFR 240.14a-12)

// Pre-commencement communications pursuant to Rule 14d-2(b) under the  
Exchange Act (17 CFR 240.14d-2(b))

// Pre-commencement communications pursuant to Rule 13e-4(c) under the  
Exchange Act (17 CFR 240.13e-4(c))

Item 5.02 Departure of Directors or Principal Officers; Election of  
Directors; Appointment of Principal Officers

Effective October 21, 2004, Dr. Christopher S. Henney resigned as a Director of  
Techne Corporation.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the  
Registrant has duly caused this report to be signed on its behalf by the  
undersigned hereunto duly authorized.

Dated: October 22, 2004                      TECHNE CORPORATION

By: /s/ Thomas E. Oland

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Name: Thomas E. Oland  
Title: President and Chief  
Executive Officer

