

OCONNELL HOWARD V  
 Form 5  
 August 10, 2009

**FORM 5**

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

OMB APPROVAL

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 Form 3 Holdings Reported Form 4 Transactions Reported

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

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. Name and Address of Reporting Person \*  
 OCONNELL HOWARD V  
 (Last) (First) (Middle)

2. Issuer Name and Ticker or Trading Symbol  
 TECHNE CORP /MN/ [TECH]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

1649 QUESTWOOD DRIVE  
 (Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
 06/30/2009

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

FALCON HEIGHTS, MN 55113  
 (City) (State) (Zip)

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

6. Individual or Joint/Group Reporting  
 (check applicable line)

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
Common Stock	05/09/2008	Å	S4	5,000 D	\$ 73.24	I	O'Connell Trusts

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)**

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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. Transaction Code (Instr. 8)	5. Number of 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 Amount of Underlying Securities (Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Director Stock Option	\$ 65.47	Â	Â	Â	Â	Â	10/23/2008	10/22/2018	Common Stock	5,000
Director Stock Option	\$ 66.59	Â	Â	Â	Â	Â	10/25/2007	10/24/2017	Common Stock	5,000
Director Stock Option	\$ 56.17	Â	Â	Â	Â	Â	10/26/2006	10/25/2016	Common Stock	5,000
Director Stock Option	\$ 54.68	Â	Â	Â	Â	Â	10/27/2005	10/26/2015	Common Stock	5,000
Director Stock Option	\$ 37.1	Â	Â	Â	Â	Â	10/21/2004	10/21/2014	Common Stock	5,000
Director Stock Option	\$ 32.9	Â	Â	Â	Â	Â	10/23/2003	10/23/2013	Common Stock	5,000
Director Stock Option	\$ 30.65	Â	Â	Â	Â	Â	10/24/2002	10/24/2012	Common Stock	5,000
Director Stock Option	\$ 29.1	Â	Â	Â	Â	Â	10/18/2001	10/18/2011	Common Stock	3,000
Common Stock	\$ 52.6565	Â	Â	Â	Â	Â	10/09/2000	10/09/2010	Common Stock	10,000

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director	10% Owner	Officer	Other
Â X	Â	Â	Â

OCONNELL HOWARD V  
1649 QUESTWOOD DRIVE  
FALCON HEIGHTS, MN 55113

## Signatures

Howard V.  
O'Connell

08/10/2009

\*\*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 provided 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.