FORM 4

[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL

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Name and Address of Reporting Per Fallon, Lynnette C.	son*	Issuer Name and Ticker or Trading Symbol	Statement for Month/Day/Year	6. Relationsl	ip of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) c/o Axcelis Technologies, Inc. 55 Cherry Hill Drive	(Middle)	Axcelis Technologies, Inc. ACLS	October 28, 2002		ctor _ 10% Owner cer (give title below) _ Other (specify)		
(Street) Beverly, MA 01915		3. I.R.S. Identification Number of Reporting Person, if an entity (voluntary)	5. If Amendment, Date of Original (Month/Day/Year)	Description Counsel	Sr. Vice President and General		
(City) (State)	(Zip)				or Joint/Group eck Applicable Line)		
					d by One Reporting Person d 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. Trans Code (Instr.		4. Securities Acquirer (Instr. 3, 4, and 5)	D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Owner- ship Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code	V	Amount	A/D	Price	(Instr. 3 and 4)	(I) (Instr. 4)			
Common Stock	10/28/02		Р		900	Α	\$5.11	2,652.7	D			

	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)														
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. Transa Code (Insi		Derivative Exe Securities E Acquired (A) Dat		6. Date Exercisable(DE) and Expiration Date(ED) (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr.5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr.4)	10. Owner- ship Form of Deriv- ative Securities: Direct (D) or Indirect (I)	11. Nature of Indirect Beneficial Ownership (Instr.4)
				Code	V	А	D	DE	ED	Title	Amount or Number of Shares			(Instr.4)	
	\$											\$			

Explanation of Responses:

/s/ Lynnette C. Fallon
** Signature of Reporting Person

10/28/02 Date

SEC 1474 (8-02)

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

* 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.