FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

	OMB APPROVAL									
	OMB Number:	3235-0287								
	Estimated average bu	ırden								
ı	hours por rosponso:	0.5								

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>LUTTATI MICHAEL J</u>						2. Issuer Name and Ticker or Trading Symbol AXCELIS TECHNOLOGIES INC [ACLS]								(Chec	k all applic Director	able)	ng Person(s) to Issu 10% Ow Other (s		ner
(Last)	(FI CELIS TEC		3. Date of Earliest Transaction (Month/Day/Year) 12/09/2004								X	below)	ecutive \	√P an	below)	респу			
108 CHE	ERRY HILL	DRIVE		4 If Amendment Date of Original Filed (Manth/Dec 2015 - 2								6. Individual or Joint/Group Filing (Check Applicable							
(Street) BEVERLY MA 01915						4. If Amendment, Date of Original Filed (Month/Day/Year) 12/27/2004									X Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(S	tate)	(Zip)											1 613611					
		Tal	ole I - Nor	ո-Deri	ivativ	e Se	curitie	s Ac	quired,	Dis	posed o	f, or Be	nefic	ially	Owned				
1. Title of Security (Instr. 3) 2. Transa Date (Month/D						Execution Date,		, Transaction Disposed Code (Instr. 5)			ties Acquired (A) or d Of (D) (Instr. 3, 4 and			5. Amour Securitie Beneficia Owned F Reported	s Forn ally (D) o ollowing (I) (Ir		: Direct I Indirect E str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
									Code	v	Amount	(A) or (D) Pri		ice	Transact	ransaction(s) nstr. 3 and 4)			(111311.4)
Common Stock 12/09.							/2004		G	V	1,500	1,500 D S		0.00	15,338.12			D	
			Table II -	Deriva (e.g.,	ative puts,	Sec , call	urities s, warr	Acq ants	uired, D , option	ispo s, c	osed of, onvertib	or Ben ole secu	eficia uritie	ally (s)	Owned				
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)				6. Date Exercisabl Expiration Date (Month/Day/Year)		of Securities		ities ng e Secu		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s (Instr. 4)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
					Code	v	(A)		Date Exercisabl		Expiration Date	Title	Amo or Nun of Sha	nber					
Stock option (right to buy)	\$7.97	12/27/2004			A ⁽¹⁾		60,000		06/25/2008	(2)	06/25/2014	Common Stock	60,	000	\$0.00	60,000	0	D	

Explanation of Responses:

- 1. Granted Pursuant to the Axcelis Technologies, Inc. 2000 Stock Plan.
- $2. \ Excercisable \ as \ to \ 25\% \ of \ the \ total \ shares \ on \ each \ of \ 6/25/2005, \ 6/25/2006, \ 6/25/2007 \ and \ 6/25/2008.$

<u>Lynnette C. Fallon, as attorney-</u> <u>in-fact for Michael J. Luttati</u> <u>12/27/2004</u>

** Signature of Reporting Person Date

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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.