SUNPOWER CORP

Form 4

January 31, 2007

FORM 4

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

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

January 31, Expires: 2005

0.5

OMB APPROVAL

Estimated average

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Form 4 or Form 5 obligations may continue. See Instruction

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(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Swanson Richard M			2. Issuer Name and Ticker or Trading Symbol SUNPOWER CORP [SPWR]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Chook an applicable)		
3939 NORTH I	FIRST ST.		(Month/Day/Year) 01/29/2007	Director 10% Owner _X_ Officer (give title Other (specify below) Chief Technical Officer		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
SAN JOSE, CA	A 95134		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative	Secu	rities Acquii	ed, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	omr Dispos (Instr. 3,	sed of 4 and (A) or	` ′	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Class A Common Stock	01/29/2007		M	8,336	A	\$ 3.3	8,336	D	
Class A Common Stock	01/29/2007		S	8,336	D	\$ 45.5836	0	D	
Class A Common Stock	01/30/2007		M	55,664	A	\$ 3.3	55,664	D	
Class A Common	01/30/2007		S	55,664	D	\$ 45.0193	0	D	

Stock

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

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 control number.

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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. Transactic Code (Instr. 8)	5. Number of orderivative 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to buy)	\$ 3.3	01/29/2007		M	8,336	(1)(2)	06/17/2014	Class A Common Stock	8,336
Employee Stock Option (Right to buy)	\$ 3.3	01/30/2007		M	55,664	(1)(2)	06/17/2014	Class A Common Stock	55,664

Reporting Owners

Reporting Owner Name / Address	Relationships
Reporting Owner Name / Address	

Director 10% Owner Officer Other

Swanson Richard M 3939 NORTH FIRST ST. SAN JOSE, CA 95134

Chief Technical Officer

Signatures

/s/ Brian King 01/30/2007

**Signature of Date
Reporting Person

Reporting Owners 2

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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).
- (1) The option became exercisable as to 20% of the shares on June 17, 2005 and becomes exercisable as to 1/60th of the shares thereafter.
- (2) The sales reported on this Form 4 were effected pursuant to a previously adopted rule 10b5-1 trading plan by the reporting person.

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.