Swanson Richard M Form 4 August 28, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

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may continue.

See Instruction

Check this box

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

(Last)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

08/26/2008

(Check all applicable)

C/O SUNPOWER CORPORATION, 3939 NORTH FIRST STREET

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

President & CTO

(Street)

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

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

SAN JOSE, CA 95134

(City)	(State)	(Zip) Tab	le I - Non-	Derivative	Secu	rities Acquii	red, 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)	4. Securit ord Dispos (Instr. 3, 4)	ed of		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	08/26/2008(1)		M	16,913	A	\$ 3.3	34,569	D	
Class A Common Stock	08/26/2008(1)		M	4,087	A	\$ 3.3	38,656	D	
Class A Common Stock	08/26/2008(1)		S	19,000	D	\$ 91.8711 (2)	19,656	D	
Class A	08/26/2008(1)		S	2,000	D	\$ 92.54	17,656	D	

Common Stock

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

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(9-02)

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 or Derivative Securities Acquired (A or Disposed (D) (Instr. 3, 4, and 5)	Expiration l (Month/Day	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	08/26/2008(1)		M	16,91	3 (3)	06/17/2014	Class A Common Stock	16,913	
Employee Stock Option (Right to Buy)	\$ 3.3	08/26/2008(1)		M	4,08	7 (3)	06/17/2014	Class A Common Stock	4,087	

Relationships

Reporting Owners

Reporting Owner Name / Address				
	Director	10% Owner	Officer	Other

Swanson Richard M C/O SUNPOWER CORPORATION 3939 NORTH FIRST STREET SAN JOSE, CA 95134

President & CTO

Signatures

Donald T. Rozak, Jr., CP, attorney-in-fact for Richard M. 08/28/2008 Swanson

> **Signature of Reporting Person Date

2 Reporting Owners

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 transactions reported on this Form 4 were effected pursuant to a previously adopted Rule 10b5-1 trading plan by the reporting person.
 - Price reflects weighted average sales price; actual sales prices ranged from \$91.54 to \$92.46. The reporting person undertakes to provide,
- (2) upon request by the Commission Staff, the Issuer, or a Security Holder of the Issuer, full information regarding the number of shares purchased or sold at each separate price.
- (3) The option became exercisable as to 20% of the shares on June 17, 2005 and becomes exercisable as to 1/60th of the shares monthly thereafter.

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.