

Richards Douglas J.  
Form 4  
February 02, 2010

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Richards Douglas J.

2. Issuer Name and Ticker or Trading Symbol  
SUNPOWER CORP [SPWRA]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
01/31/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
VP, HR and Corporate Services

C/O SUNPOWER CORPORATION, 3939 NORTH FIRST STREET

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

SAN JOSE, CA 95134

(City) (State) (Zip)

**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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)	
				(A) or (D)	Price			
				Code	V	Amount		
Class A Common Stock	01/31/2010		M	2,231	A	\$ 0	2,231	D
Class A Common Stock	02/01/2010		F	957	D	\$ 21.07	1,274	D
Class A Common Stock	01/31/2010		M	833	A	\$ 0	2,107	D
Class A Common Stock	02/01/2010		F	358	D	\$	1,749	D

Common  
Stock

21.07

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.**

SEC 1474  
(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. Transaction Code (Instr. 8)	5. Number of Derivative Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Security (Instr. 3 and 4)	Amount or Number of Shares
					(A) Acquired	(D) Disposed of (Instr. 3, 4, and 5)	Date Exercisable	Expiration Date		
Performance-Based Restricted Stock Units (PSUs)	(1)	01/31/2010		M	2,231		(2)	(2)	Class A Common Stock	2,231
Restricted Stock Units (RSUs)	(3)	01/31/2010		M	833		(4)	(4)	Class A Common Stock	833

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Richards Douglas J. C/O SUNPOWER CORPORATION 3939 NORTH FIRST STREET SAN JOSE, CA 95134			VP, HR and Corporate Services	

## Signatures

Donald T. Rozak, Jr., CP, as attorney-in-fact for Douglas J. Richards  
 Date: 02/02/2010

\_\_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).

(1) Each PSU represents a contingent right to receive one share of the Issuer's Class A Common Stock upon vesting.

(2) On January 31, 2008, Reporting Person was awarded a number of PSUs within a preset range, with the actual number contingent upon the achievement of certain performance criteria. The Compensation Committee of the Issuer's Board of Directors confirmed achievement of the performance criteria on January 29, 2009 and, based on that assessment, determined the number of PSUs. The PSUs vest in three equal installments on each of January 31, 2009, January 31, 2010 and January 31, 2011.

(3) Each RSU represents a contingent right to receive one share of the Issuer's Class A Common Stock upon vesting.

(4) The RSUs vest in three equal installments on each of January 31, 2009, January 31, 2010 and January 31, 2011.

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.