Richards Douglas J. Form 4 February 02, 2011

FORM 4

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

OMB APPROVAL OMB 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Number: January 31, Expires: 2005

Form 4 or Form 5 obligations

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Estimated average burden hours per response... 0.5

may continue. See Instruction

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 Add Richards Dou	•	orting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer	
		0.614	SUNPOWER CORP [SPWRA]	(Check all applicable)	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction		
C/O SUNPOWER CORPORATION, 3939 NORTH			(Month/Day/Year) 01/31/2011	Director 10% Owner _X Officer (give title Other (specify below) EVP, HR and Corp. Svcs.	
FIRST STRE	ET				
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)	

SAN JOSE, CA 95134

Applicable Line)

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

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed o	f, or Beneficial	ly 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. Securi on(A) or Di (Instr. 3,	ispose 4 and (A) or	d of (D)	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	01/31/2011		M	834	A	\$ 0	10,723	D	
Class A Common Stock	01/31/2011		F <u>(1)</u>	341	D	\$ 13.44	10,382	D	
Class A Common Stock	01/31/2011		M	2,231	A	\$ 0	12,613	D	
Class A	01/31/2011		F(1)	913	D	\$	11,700	D	

Common 13.44 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.

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 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 Underlying 3 (Instr. 3 and
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title
Restricted Stock Units (RSUs)	<u>(2)</u>	01/31/2011		A	30,000	(3)	(3)	Class A Common Stock
Restricted Stock Units (RSUs)	(2)	01/31/2011		M	834	<u>(4)</u>	<u>(4)</u>	Class A Common Stock
Performance-Based Restricted Stock Units (PSUs)	<u>(5)</u>	01/31/2011		M	2,231	<u>(6)</u>	<u>(6)</u>	Class A Common Stock

Reporting Owners

Reporting Owner Name / Address	· · · · · · · · · · · · · · · · · · ·				
	Director	10% Owner	Officer	Other	

Richards Douglas J.

C/O SUNPOWER CORPORATION

3939 NORTH FIRST STREET

SAN JOSE, CA 95134

Signatures

Karla Rogers, as attorney-in-fact for Douglas J. Richards

02/02/2011

EVP, HR and Corp. Svcs.

Relationships

**Signature of Reporting Person

Date

Reporting Owners 2

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) Disposition of shares exempt under Rule 16b-3 as payment of tax liability to Company by delivery or withholding securities incident to vesting of restricted stock shares.
- (2) Each RSU represents a contingent right to receive one share of the Issuer's Class A Common Stock upon vesting.
- (3) The RSUs vest in three equal installments on each of March 1, 2012, March 1, 2013 and March 1, 2014.
- (4) The RSUs vest in three equal installments on each of January 31, 2009, January 31, 2010 and January 31, 2011.
- (5) Each PSU represents a contingent right to receive one share of the Issuer's Class A Common Stock upon vesting.
 - 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.

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.