Richards Douglas J. Form 4 March 02, 2011

FORM 4

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

OMB

Check this box STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

3235-0287 Number: January 31, Expires: 2005

OMB APPROVAL

if no longer subject to Section 16. Form 4 or

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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 ** Richards Douglas J.			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	SUNPOWER CORP [SPWRA] 3. Date of Earliest Transaction	(Check all applicable)		
C/O SUNPO CORPORAT FIRST STRI	ΓΙΟΝ, 3939	NORTH	(Month/Day/Year) 02/28/2011	Director 10% Owner _X_ Officer (give title Other (specify below) EVP, HR and Corp. Svcs.		
	(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		

SAN JOSE, CA 95134

		Form filed by More than One Reporting Person			
	N D : G :	· ID· I c B c· II o			

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or			5. Amount of Securities Form: Direct (D) or Owned Indirect (I) Following (Instr. 4) Reported Transaction(s)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount		Price	(Instr. 3 and 4)		
Class A Common Stock	03/01/2011		M	8,183	A	\$ 0	21,930	D	
Class A Common Stock	03/01/2011		F <u>(1)</u>	3,002	D	\$ 17.23	18,928	D	
Class A Common Stock	03/01/2011		M	6,666	A	\$ 0	25,594	D	
Class A	03/01/2011		F(1)	2,446	D	\$	23,148	D	

Common 17.23

Stock

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

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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 or Derivative Securities Acquired (Disposed of (Instr. 3, 4)	(A) or of (D)	6. Date Exer Expiration D (Month/Day)	ate	7. Title and . Underlying S (Instr. 3 and
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title
Performance-Based Restricted Stock Units (PSUs)	<u>(2)</u>	02/28/2011		A	24,551		(3)	(3)	Class A Common Stock
Performance-Based Restricted Stock Units (PSUs)	<u>(2)</u>	03/01/2011		M		8,183	(3)	(3)	Class A Common Stock
Restricted Stock Units (RSUs)	<u>(4)</u>	03/01/2011		M		6,666	(5)	<u>(5)</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

EVP, HR and Corp. Svcs.

Relationships

Signatures

Karla Rogers, as attorney-in-fact for Douglas J.
Richards
03/02/2011

**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 PSU represents a contingent right to receive one share of the Issuer's Class A Common Stock upon vesting.
- On May 3, 2010, 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 February 28, 2011 and, based on that assessment, determined the number of PSUs. The PSUs vest in three equal installments on each of March 1, 2011, March 1, 2012 and March 1, 2013.
- (4) Each RSU represents a contingent right to receive one share of the Issuer's Class A Common Stock upon vesting.
- (5) The RSUs vest in three equal installments on each of March 1, 2011, March 1, 2012 and March 1, 2013.

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.