Richards Do Form 4	ouglas J.										
February 06	, 2009										
FORM	14	~	~~~~~			~~~ .			OMB A	PPROVAL	
Washington, D.C. 20549								OMB Number:	3235-0287		
Check this box if no longer				CECINI	DENIER		LOW		Expires:	January 31, 2005	
subject to Section 16. Form 4 or				GES IN J SECUR		ICIA		NEKSHIP OF		nated average en hours per	
Form 5 obligatio may cont <i>See</i> Instr 1(b).	tinue. Section 17(a	a) of the F	Public Ut		ling Con	npan	y Act of	e Act of 1934, 1935 or Section 0	n		
(Print or Type ]	Responses)										
Richards Douglas J. Syn			Symbol	2. Issuer Name <b>and</b> Ticker or Trading Symbol SUNPOWER CORP [SPWRA]				5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First) (M	Middle)		Earliest Tr	-			(Check all applicable)			
				Day/Year)				Director 10% Owner X Officer (give title Other (specify			
C/O SUNPOWER 02 CORPORATION, 3939 NORTH FIRST STREET 02			02/04/2009					below) below) VP, HR and Corporate Services			
(Street) 4. If Am			4. If Ame	mendment, Date Original				6. Individual or Joint/Group Filing(Check			
Filed(Mo SAN JOSE, CA 95134				nth/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting			
								Person			
(City)	(State)	(Zip)	Tabl	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed of	, or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any	Date, if	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A)			d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		
				Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Class A Common Stock	02/04/2009(1)			S	113	D	\$ 33.71	2,590	D		
Class A Common Stock	02/04/2009 <u>(1)</u>			S	500	D	\$ 33.82	2,090	D		
Class A Common Stock	02/04/2009 <u>(1)</u>			S	1,200	D	\$ 33.85	890	D		

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.

Date

 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)	4. Transactic Code (Instr. 8)	5. of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Securi (Instr.	int of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

## **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- Richards	-fact for Doug	las J.	02/06/2009					

\*\*Signature of Reporting Person

## **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 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.