FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

l	OMB APPRO	OVAL				
	OMB Number:	3235-0287				
	Estimated average bure	den				
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* ARRIOLA DENNIS V					2. Issuer Name and Ticker or Trading Symbol SUNPOWER CORP [SPWRA]									5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title below) below)					
(Last) (First) (Middle) C/O SUNPOWER CORPORATION 3939 N. FIRST STREET						3. Date of Earliest Transaction (Month/Day/Year) 11/12/2008								Chief Financial Officer					
(Street) SAN JOSE CA 95134				4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(S	tate)	(Zip)																
		Tab	le I - Non	-Deriva	ative	Se	curities	s Ac	quired, D	isp	osed o	f, or Be	neficia	lly Own	ed				
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)					Execution Date,			Transaction Disposed Code (Instr. 5)		ties Acquir I Of (D) (Ins		d Secu Bene	icially d Following	Form (D) o	n: Direct r Indirect estr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
								Code V	,	Amount	(A) o (D)	(A) or (D) Price		action(s) 3 and 4)					
	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 D if any (Month/Day/	ate, Tr	4. Transaction Code (Instr. 8)				6. Date Exercisa Expiration Date (Month/Day/Year		of Securitie		ies g Security	Derivati Security	e derivativ	e s ally g i	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership t (Instr. 4)	
				C	ode	v	(A)	(D)	Date Exercisable		piration te	Title	Amount or Number of Shares						
Restricted Stock Units (RSUs)	(1)	11/12/2008			A		50,000		(2)		(2)	Class A Common Stock	50,000	\$0	50,00	00	D		
Stock Option (Right to Buy)	\$24.72	11/12/2008			A		50,000		(3)	11/	/12/2018	Class A Common Stock	50,000	\$0.00	50,00	00	D		

Explanation of Responses:

- 1. Each restricted stock unit (RSU) represents a contingent right to receive one share of the Registrant's Class A Common Stock once vested.
- $2. \ The \ RSUs \ shall \ vest \ in \ equal \ annual \ installments \ over \ a \ three-year \ period \ from \ the \ date \ of \ grant.$
- 3. The stock option shall vest in equal annual installments over a four-year period from the date of grant.

Remarks:

Donald T. Rozak, Jr., CP, as attorney-in-fact for Dennis V.

11/14/2008

Arriola

** Signature of Reporting Person

Date

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

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.