FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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*	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
Wood Patrick III	SUNPOWER CORP [SPWRA]	X Director 10% Owner
(Last) (First) (Middle)		Officer (give title below) Other (specify below)
C/O SUNPOWER CORPORATION	3. Date of Earliest Transaction (Month/Day/Year) 05/09/2009	
3939 NORTH FIRST STREET		
(Street)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line)
SAN JOSE CA 95134		X Form filed by One Reporting Person
(City) (State) (Zip)		Form filed by More than One Reporting Person

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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Class A Common Stock	05/09/2009		M		1,000	A	$0	8,000	D	

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 Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Restricted Stock Units (RSUs)[1]	[2]	05/09/2009		M			1,000	[3]	[3]	Class A Common Stock	1,000	$0	0	D	
Restricted Stock Units (RSUs)[1]	[2]	05/11/2009		A		4,000		[4]	[4]	Class A Common Stock	4,000	$0	4,000	D	

Explanation of Responses:

1. The restricted stock units (RSUs) were granted pursuant to the automatic annual granting provisions for independent directors under the Registrant's Second Amended and Restated 2005 Stock Incentive Plan.

2. Each RSU represents a contingent right to receive one share of the Registrant's Class A Common Stock once vested.

3. The RSUs shall vest in equal quarterly installments over a one-year period on each of August 9, 2008, November 9, 2008, February 9, 2009 and May 9, 2009.

4. The RSUs shall vest in equal quarterly installments over a one-year period on each of August 11, 2009, November 11, 2009, February 11, 2010 and May 11, 2010.

Remarks:

Donald T. Rozak, Jr., CP, as attorney-in-fact for Patrick Wood III	05/12/2009
** 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.