SUNPOWER CORP Form 4 July 24, 2006

FORM 4

OMB APPROVAL

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

SECURITIES

OMB Number:

3235-0287

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Check this box STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires:

2005

response...

Estimated average burden hours per

if no longer subject to Section 16.

Form 4 or 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 ** Aschenbrenner Peter Claus			Symbol		Ticker or Trading	5. Relationship of Reporting Person(s) to Issuer				
			SUNPO	WER CO	ORP [SPWR]	(Check all applicable)				
(Last)	(First)	(Middle)	3. Date of	Earliest T	ransaction					
3939 NORTH FIRST ST.			(Month/D 07/21/20	•		Director 10% Owner X Officer (give title Other (specibelow)				
		4. If Amer	4. If Amendment, Date Original			6. Individual or Joint/Group Filing(Check				
SAN JOSE,		Filed(Mon	th/Day/Yea	r)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(State)	(Zip)	Table	e I - Non-I	Derivative Securities Acq		of, or Beneficial	ly Owned		
1.Title of	2. Transaction			3. Transacti	4. Securities Acquired		6. Ownership			

(City)	(State) (A	Table	I - Non-De	erivative S	Securit	ties Acq	puired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if		3. 4. Securities Acquired Transaction(A) or Disposed of Code (D)			5. Amount of Securities Beneficially	6. Ownership Form: Direct (D) or	7. Nature of Indirect Beneficial	
(IIIsu. 3)		any (Month/Day/Year)	(Instr. 8)	(D) (Instr. 3, 4 and (A)		5)	Owned Following Reported Transaction(s)	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Class A			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	07/21/2006		M	2,000	A	\$ 3.3	44,000	D	
Class A Common Stock	07/21/2006		S	2,000	D	\$ 29.3	42,000	D	

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

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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. Transacti Code (Instr. 8)	Transaction Derivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Employee Stock Option (Right to Buy)	\$ 3.3	07/21/2006		M	2,000	(1)(2)	06/17/2014	Class A Common Stock	2,000	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Aschenbrenner Peter Claus 3939 NORTH FIRST ST. SAN JOSE, CA 95134

VP SALES & MARKETING

Signatures

/s/ PETER

ASCHENBRENNER 07/21/2006

**Signature of Reporting Person Date

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 option became exercisable as to 20% of the shares on June 17, 2005 and becomes exercisable as to 1/60th of the shares monthly thereafter.
- (2) The sales reported on this Form 4 were effected pursuant to a previously adopted 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.

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