Carrington John Eugene
Form 4
April 29, 2009

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *

Carrington John Eugene

(Last) (First) (Middle)

C/O FIRST SOLAR, INC., 350 WEST WASHINGTON STREET SUITE 600

(Street)

TEMPE, AZ 85281-1244

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

FIRST SOLAR, INC. [FSLR]

3. Date of Earliest Transaction (Month/Day/Year)

04/27/2009

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title _____ Other (specify below) below)
Executive Vice President

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ 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			

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

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(*e.g.*, puts, calls, warrants, options, convertible securities)

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amount of Underlying Securities	8. De

Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)		Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			(Month/Day/Year)		(Instr. 3 and 4)		Se (In
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		
Restricted Stock Units	(1)		04/27/2009	A		19,978		(2)	(2)	Common Stock	19,978		

Reporting Owners

	Relationships			
Reporting Owner Name / Address	Director	10% Owner	Officer	Other
Carrington John Eugene C/O FIRST SOLAR, INC. 350 WEST WASHINGTON STREET SUITE 600 TEMPE, AZ 85281-1244			Executive Vice President	

Signatures

/s/ Peter C. Bartolino, Attorney-in-fact	04/29/2009
**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)   Each restricted stock unit represents the right to receive, upon vesting, one share of the Issuer's common stock in accordance with the Issuer's Amended and Restated 2006 Omnibus Incentive Plan.

(2)   The restricted stock units were granted on April 27, 2009 as part of the Issuer's annual equity grant to executive officers. These units are scheduled to vest annually at a rate of 20% on each of the first three anniversaries of the grant date, and 40% on the fourth anniversary of the grant date.

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.