Kallenbach T.L. Form 3 December 16, 2009

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

OMB APPROVAL

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SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

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 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement FIRST SOLAR, INC. [FSLR] Kallenbach T.L. (Month/Day/Year) 12/14/2009 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) C/O FIRST SOLAR, INC., 350 (Check all applicable) **WEST WASHINGTON** STREET, SUITE 600 10% Owner Director (Street) _X__ Officer Other 6. Individual or Joint/Group (give title below) (specify below) Filing(Check Applicable Line) EVP, Marketing & Prod. Mgmt. _X_ Form filed by One Reporting Person TEMPE. AZÂ 85281 _ Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 1. Title of Security 2. Amount of Securities 3. 4. Nature of Indirect Beneficial Beneficially Owned (Instr. 4) Ownership Ownership (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) Â Common Stock 500 D Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) 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.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
			Derivative	Security:	

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Date Expiration Title Amount or Security Direct (D)

Exercisable Date Number of Shares (I)

Â

(Instr. 5)

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer

Other

Kallenbach T.L.

C/O FIRST SOLAR, INC.

 $350~\mathrm{WEST}$ WASHINGTON STREET, SUITE 600

Â EVP, Marketing & Prod. Mgmt.

TEMPE, AZÂ 85281

Signatures

/s/ Peter C. Bartolino, Attorney-in-fact

12/16/2009

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).

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Remarks:

Exhibit List - Exhibit 24, Power of Attorney

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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