

Cruse Kenneth Edward  
 Form 4  
 September 11, 2009

**FORM 4**

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

OMB APPROVAL

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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 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 \*  
 Cruse Kenneth Edward

(Last) (First) (Middle)  
 903 CALLE AMANECER, SUITE 100  
 (Street)

SAN CLEMENTE, CA 92673

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 Sunstone Hotel Investors, Inc. [SHO]

3. Date of Earliest Transaction (Month/Day/Year)  
 09/10/2009

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 Chief Financial Officer

6. Individual or Joint/Group Filing (Check Applicable Line)  
 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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	09/10/2009		S	19,439	D \$ 6.79	72,143 <sup>(1)</sup>	I Family Trust
Common Stock	09/11/2009		S	6,700 <sup>(2)</sup>	D \$ 6.886	65,443	I Family Trust
Common Stock	09/11/2009		P	6,700 <sup>(2)</sup>	A \$ 6.9286	90,737	D

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

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SEC 1474 (9-02)

number.

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

Table with 10 columns: 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 Underlying Securities (Instr. 3 and 4), 8. Price of Derivative Security (Instr. 5), 9. Number of Derivative Securities Beneficially Owned Following Reporting Transaction (Instr. 5), 10. Amount or Number of Shares.

Reporting Owners

Table with 2 columns: Reporting Owner Name / Address, Relationships (Director, 10% Owner, Officer, Other). Entry for Cruse Kenneth Edward, 903 CALLE AMANECER SUITE 100 SAN CLEMENTE, CA 92673, Chief Financial Officer.

Signatures

/s/ Kenneth E. Cruse 09/11/2009

\*\*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) Reflects that 91,582 of shares of Common Stock previously owned directly by the Reporting Person were transferred to his family trust. Represents the disposition of 6,700 shares of Common Stock owned indirectly by the Reporting Person through his family trust and the
(2) corresponding acquisition of direct ownership of the same number of shares of Common Stock by the Reporting Person through his Individual Retirement Account.

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.