

Sunstone Hotel Investors, Inc.
 Form 4
 February 25, 2011

FORM 4

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

OMB APPROVAL

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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 *
ALTER ROBERT A

(Last) (First) (Middle)
 120 VANTIS, SUITE 350
 (Street)

ALISO VIEJO, CA 92656

(City) (State) (Zip)

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

3. Date of Earliest Transaction
 (Month/Day/Year)
 02/24/2011

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)
 Executive Chairman

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)
			Code	V	Amount	(A) or (D)	Price
Common Stock	02/24/2011		P		10,032	A	\$ 10 (1)
Common Stock							50,986
							219,571
						I	Robert A. Alter Family Trust
						D	

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

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