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 or Section 30(h) of the Investment Company Act of 1940  

1. Name and Address of Reporting Person *  
   Dorer Benno O  
   1221 Broadway  
   Oakland, CA 94612-1888  

2. Issuer Name and Ticker or Trading Symbol  
   Clorox Co /DE/ [ CLX ]  

3. Date of Earliest Transaction (MM/DD/YYYY)  
   8/17/2015  

5. Relationship of Reporting Person(s) to Issuer  
   (Check all applicable)  
   _X_ Director  
   _X_ Officer (give title below)  
   ___ 10% Owner  
   ___ Other (specify below)  
   CEO  

**Reporting Owners**  

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**Explanation of Responses:**  
(1) Settlement of 2012 Performance Unit Grant that vested 8/17/2015.  
(2) Withholding of stock to pay tax liability under the Company’s Stock Withholding Arrangement.  

**Signatures**  
By Cheryl Brice, Attorney-in-Fact for  
8/19/2015  

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.  
* If the form is filed by more than one reporting person, see Instruction 4(b)(v).  
Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.  
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.