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(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person
PEIROS LARRY
1221 BROADWAY
OAKLAND, CA 946121888

2. Issuer Name and Ticker or Trading Symbol
CLOROX CO /DE/ [CLX]

3. Statement for Issuer's Fiscal Year Ended
6/30/2004

4. If Amendment, Date Original Filed

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

Group Vice President

6. Individual or Joint/Group Filing (Check Applicable Line)

X Form Filed by One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>A/D</th>
<th>Amount Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>6/30/2004</td>
<td>J (1)</td>
<td>D</td>
<td>$0 20000.000</td>
</tr>
<tr>
<td>Common Stock</td>
<td>6/30/2004</td>
<td>J (2)</td>
<td>A</td>
<td>$0 510.888</td>
</tr>
<tr>
<td>Common Stock</td>
<td>6/30/2004</td>
<td>J (1)</td>
<td>A</td>
<td>$0 16263.000</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Title of Derivate Security</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>Trans. Date</th>
<th>Trans. Code</th>
<th>A/D</th>
<th>Date Exercisable and Expiration Date (MM/DD/YYYY)</th>
<th>Title Amount or Number of Shares</th>
</tr>
</thead>
</table>

Explanation of Responses:
(1) Transfer holdings to family Trust
(2) Shares acquired during the fiscal year ended 6/30/04 pursuant to the Company's Employee Retirement Investment Plan/401(K), Dividend Reinvestment Plan, and/or Employee Stock Purchase Plan.

Reporting Owners
<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEIROS LARRY</td>
<td>Group Vice President</td>
</tr>
</tbody>
</table>
Signatures
By: Patrick M. Meehan, Assoc. General Counsel for 8/16/2004

** Signature of Reporting Person

Date

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.