Replace modifications to host list relation in host multiple action code

On Rails 5, some of the host multiple action tests fail as the controller states that all hosts failed, instead of all succeeding:

```ruby
HostsControllerTest::submit actions with multiple hosts#test_0001_build without reboot [/home/dcleal/code/foreman/foreman/test/controllers/hosts_controller_test.rb:686]:
--- expected
+++ actual
@ -1 +1 @
-"The selected hosts will execute a build operation on next reboot"
+nil
```

To obtain a list of hosts where updating their build status etc. didn't work, the controller relied on calling `.to_a.delete_if` on the host list relation and then checking the result later. This doesn't work under Rails 5, it simply returns the cached result of the relation again as it hasn't actually changed.

Rather than trying to delete entries out of the Rails relation, the code should keep a separate list of hosts that failed the action and use this for display purposes. The code should be clearer as a result too.

Associated revisions

**Revision ca59bac0 - 10/04/2016 07:47 AM - Dominic Cleal**

fixes #16718 - remove relation.to_a.delete_if in multiple actions

To obtain a list of hosts where updating their build status etc. didn't work, the controller relied on calling `.to_a.delete_if` on a relation and then checking the result later. This doesn't work under Rails 5, it simply returns the cached result of the relation again as it hasn't actually changed.

The results are now saved in a different array instead of affecting the relation.

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History

#1 - 09/28/2016 07:58 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing
Pull request https://github.com/theforeman/foreman/pull/3898 added

#2 - 10/04/2016 08:04 AM - Dominic Cleal
- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset ca59bac0da3e09601c6974f1ad4fcbddf4b13d04.

#3 - 10/04/2016 08:16 AM - Dominic Cleal
- Legacy Backlogs Release (now unused) set to 189

#4 - 06/22/2017 09:08 AM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman/pull/4613 added