Foreman - Bug #34509

Audit report fails with "ActionView::Template::Error: undefined method `each' for nil:NilClass"

02/23/2022 07:00 PM - David Good

Status:	New		
Priority:	Normal		
Assignee:			
Category:	Audit Log		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:	No	**Found in Releases:**	3.0.1
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

When running the "daily foreman-rake reports:daily" cron job the reports were not being generated.
The cron.log (and running it manually) show errors:

```
rake aborted!
ActionView::Template::Error: undefined method `each' for nil:NilClass
/usr/share/foreman/app/views/audit_mailer/summary.html.erb:17:in `block in _a8bd071d84fdc54adfe5da
23a38082c6'
/usr/share/gems/gems/activerecord-6.0.3.7/lib/active_record/relation/delegation.rb:87:in `each'
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/usr/share/foreman/app/views/audit_mailer/summary.html.erb:6:in `_a8bd071d84fdc54adfe5da23a38082c6
'
/usr/share/gems/gems/actionview-6.0.3.7/lib/action_view/base.rb:274:in `_run'
/usr/share/gems/gems/actionview-6.0.3.7/lib/action_view/template.rb:185:in `block in render'
/usr/share/gems/gems/activesupport-6.0.3.7/lib/active_support/notifications.rb:182:in `instrument'
/usr/share/gems/gems/actionview-6.0.3.7/lib/action_view/template.rb:385:in `instrument_render_temp
late'
/usr/share/gems/gems/actionview-6.0.3.7/lib/action_view/template.rb:183:in `render'
/usr/share/gems/gems/deface-1.5.3/lib/deface/action_view_extensions.rb:43:in `render'
```

There's a lot more after that, but probably not as relevant. I can provide more if needed.

Looking at the code mentioned in the traceback, I found that there's a case statement in foreman/app/helpers/audits_helper.rb
starting on line 89 with two "when" clauses but no "else". When I added an else clause to it the rake task was able to complete
successfully.

Here's a diff with the changes I made:

```
--- /usr/share/foreman/app/helpers/audits_helper.rb     2022-02-23 10:37:51.713526430 -0800
+++ ./audits_helper.rb     2022-02-23 10:41:34.602896704 -0800
@@ -91,6 +91,8 @@
[_("Added %{from} to %{to}") % {:from => from, :to => to}]
when AUDIT_REMOVE
[_("Removed %{from} to %{to}") % {:from => from, :to => to}]
+      else
+     []
end
else
[]
```

I have no idea if returning [] is the proper thing to do here or what action besides AUDIT_ADD or AUDIT_REMOVE is being
encountered.