Question, what do things do when they freeze?

Source: http://sci.tech−archive.net/Archive/sci.geo.geology/2007−04/msg00591.html

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- *Date*: Tue, 24 Apr 2007 02:28:23 −0400

Don't they get larger?

Neil Adams animations

Animation of expanding Europa
http://www.youtube.com/watch?v=hH_5SFHXSzo&mode=related&search=

Animation of expanding Ganymede
http://www.youtube.com/watch?v=5Fsg1XJTbKA&mode=related&search=

Amimation of expanding Mars
http://www.youtube.com/watch?v=d44Jj_3gp−M&mode=related&search=

Amimation of expanding earth
http://www.youtube.com/watch?v=VjgidAICoQI&mode=related&search=

Wilipedia section of EE theory
http://en.wikipedia.org/wiki/Expanding_earth_theory

I have difficulty with the plate tectonics for
two main reasons. The first is that tectonics
appears to be an incomplete view. All self
organized systems are comprised of two
basic processes. One would be a static process
of simple, predictable change such as sea
floor spreading. Combined with it's opposite chaotic
attractor such as periodic catastrophic change.
Plate tectonics appears to explain only the static
attractor behavior, and thus seems incomplete.

I envision an evolutionary process where the crust
hardens completely, the internal heat steadily builds up
until a sudden catastrophic period of expansion occurs.
And over again. Much like is thought to happen
on Venus.

The second reason I have trouble with plate tectonics is the notion the earth's diameter would remain relatively unchanged throughout the course of solar system evolution. We live in a universe where nothing at all remains unchanging. Even the universal constants evolve over time. Plate tectonics as it is now seems counter intuitive.

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