

I couldn't find any case to prove that true but I believe that Main:138 may produce a faulty situation. Not sure but it seems like bad practice.

Also, ZReport printing order seems different than you provided in output1.txt. Correct me if I'm wrong but this is how I remember it should be:

1. First print devices whose switch times are not null. Print them according to the order of their switch times.
2. If a device used to have a switch time other than null but it was nullified lately, print it.
3. Print devices with null switch times according to their order of creation.