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## **The containers should have inside sprinkler systems**

As I understand fire suppression for Lithium fires, using water to quench the flames will work on the non-Lithium packaging materials. Water can lower the temperature of the Lithium and should reduce those flames.

The building codes for homes and multi-family housing require ceiling sprinkler systems inside the home. One for each bedroom, several for large bedrooms and other rooms. These 30 foot long containers should have at least three ceiling sprinklers that would activate in the event of a fire. The sprinklers would need to be plumbed into large storage tanks of recycled water to keep the water flowing for a long time and give the firefighters a chance to show up. The firefighters could control additional hoses connected to the storage tanks. Again, not fire hydrants. Those are exclusively supplied by drinking water, we have none to spare.

To cool a fire properly, these tanks might need to be air-conditioned or located to some extent subterraneanly.

These BESS facilities may not be close to main irrigation lines, but I would think a couple of tanker trucks filled with recycled water could get the storage tanks filled initially and maybe come back repeatedly to keep those filled. Maybe even consider roofs over these containers with ceiling sprinklers. These facilities are visually unappealing. A roof would be better. Possibly use some of the recycled water to support landscaping around the facility, hide it from public view and plant more trees?