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To reduce pollution and save lives, I recommend Washington State Department of Ecology implement a building code change that retroactively requires private, commercial and government liquid fuel stations, which are located in a potential flood or tsunami inundation zone, which for Grays Harbor County should be at least the 40' elevation line, have back-flow preventers to prevent the entrance of any foreign solids or liquids. Also, all vents, fuel lines and electrical systems to support fuel operations shall be protected with a method designed and constructed to meet the structural requirements of debris impact commensurate with a tsunami flood.

Further, if the facility does not have a permanent onsite optional stand-by generator, that is protected from flood waters and/or debris impact, to operate the normal branch electrical system, there shall be a permanently installed predesigned water-proof electrical service entry for the normal branch electrical system that will allow a quick connection to a temporary electrical generator. This quick connection shall be installed inside of a permanent metal enclosure rated for this purpose and may be located on the exterior of the building.

Said water proofing should be designed for a minimum 28psi. (about 30 feet immersion depth).

Currently coastal Washington has fuel stations that WILL be submerged in a tsunami inundation. For example, I discovered that MASCO has 6 of 8 fuel facilities in Grays Harbor County that are in the inundation zone and they do NOT have backflow preventers. Further MASCO has a group of tanks at their main office that are on supports that will Not resist a surge and thus will add to contamination and fire threat). They are not alone. Research shows many of coastal fueling stations have vents that will NOT prevent contamination by flood waters and/or damage by surge debris. Not only does contaminated fuel present an environmental pollution threat and fire threat, but coastal Washington needs ALL the fuel we can get immediately following a megaquake and tsunami. We should not permit fuel to be contaminated when lives and recovery count on it.