

Submitter: kathy ging

On Behalf Of:

Committee: Senate Committee On Energy and Environment

Measure, Appointment or Topic: SB215

(Part 2 of 3) 3.10.25 Nuclear energy is an answer per those enlisted in one mind-set to provide carbon free electricity for Electric Vehicles shoe-horning transportation transitions that many are convinced must occur. Aberrant energy planning that does not include circumferential thinking needed for worst and best scenarios predicting vagrant weather and disasters like fires, floods, storms, does not serve the public good in the long term.

David Morris, Institute for Local Self Reliance, wrote in *The Dawning of Solar Cells* (1975) that IF the US military had lobbied to advance solar electric cell R&D for earth rather than for outer space applications, comparable to the way they advocated for transistors to replace vacuum tubes, solar electric cells aka photovoltaics would have been cost effective within a decade for earth based applications.

Oregon Republican Governor Tom McCall authorized the Transition document, in no uncertain terms advocating that Oregon must transition from fossil fuels and nuclear energy to conservation and renewables. It is difficult to find any reference to the Transition document on the Net: I have a rare paperback copy of Transition.

Three Mile Island nuclear accident near Harrisburg, Pennsylvania should have been a warning. My sister lived near TMI. Ann told me that for decades after the disaster people still experienced nightmares.

Myopic energy planning also evident with this century's inadequately conceived momentum to transfer most transportation to electric although grids CANNOT support en masse tech transfer.

Hybrid fuels using batteries AND liquid fuels will be requisite for several reasons. and yet battery only being promoted by utilities and governments.

A major conundrum about which a Eugene Water & Electric Board EWEB staff person agreed with me in a phone call last year, 'confessing' that EWEB had not even considered the following realistic scenario was this point is this

Oregon's largest ratepayer owned utility had NOT considered a discomfiting reality: brown outs authorized by utilities now allowed by OR PUC...people returning from trips, no time or ability or even electricity to charge battery if fire races over the hill. Yet battery only EVs are the overwhelming choice of Oregon EV owners!

Liquid fuels and batteries could both be derived from locally produced industrial hemp. A Southern governor candidate had run his campaign decades ago on hemp sourced fuel. A hemp battery factory already open in the USA and in the near term will produce larger industrial batteries. David Mitlin and others hold patents.

The falsehood of information broadcast about nuclear materials goes back to the lies and misrepresentations to 1st Americans.

Ask 1st Americans in Four Corners, other areas what they think and know-more than you-and I do-about nuclear energy including SMRs: most disapprove.

Listen to UO Eugene Public Interest Environmental Law Conference PIELC.org panel on SMRs a few years ago including 1st American panelists berating past government nuclear misinfo and warning against allowing SMRs. A panel also was presented at the Spring 2025 conference.

1st Americans met yearly on Mother's Days at 4 Corners to protest nuclear 'sub-critical' testing that damaged health and environment misinformed that testing was safe for sentients, habitats. Governments lied to them.

Myopic planning allowing wide use of lithium ion batteries which can be fire-prone. Did you see the disastrous mid-January 2025 fire in Moss Landing, Monterey County CA? Mainstream news ignores it.

Astronomically bad: 'Lithium Battery Fire Sickens Residents, Sparks Worry about Another Sacrifice Zone.' +/-100,000 lithium ion batteries caught fire affecting humans, other sentients, those 50-100 miles away, contaminating homes, farms, orchards, 'USA Salad Bowl' likely for decades in prime agricultural areas that grow 70% of USA vegetables. The battery factory serving Vestra energy and a natural gas company.