Illogical actions against global warming using nuclear energy

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John Parsons et al. wrote an article entitled “A fresh look at nuclear energy” (1). Serious nuclear accidents including Fukushima Daiichi in 2011, Chernobyl in 1986, Three Mile Island in 1978 and others have been summarized (2). Fuel in three of the reactor cores melted, and radiation releases from the damaged reactors contaminated a wide area surrounding the plant and forced the evacuation of nearly half a million residents in Fukushima, Japan (2). We must learn from the past lessons. The accidents caused by the same reason lie in that risk assumptions were too optimistic. For example, the assumed height of Tsunami waves against Fukushima nuclear power plant #1 was 10 meters while over 14 meters Tsunami waves hit the power plant on March 11, 2011. About nuclear energy, we still have two unsolved problems from the technology and engineering viewpoint: **nuclear decommissioning and** how to manage nuclear wastes.
As long as two unsolved problems were solved, I will be a strong supporter of nuclear energy. The best energy sources which we should utilize for taming the global warming are solar radiation energy from outside the earth and magma energy from the interior of the earth (3).

References:

1. John Parsons et al., A fresh look at nuclear energy, Science 11 Jan 2019: Vol. 363, Issue 6423, pp. 105
2. https://www.ucsusa.org/nuclear-power/nuclear-power-accidents/history-nuclear-accidents#.XDqp1c1S9yQ
3. Y. Takefuji, Science (eLetter, 11 March 2017) http://science.sciencemag.org/content/355/6329/1001/tab-e-letters