

December 4, 2022

Dear Chairman McColley, Vice Chair Schuring, Ranking Member Martin, and members of the committee

I write in opposition to Ohio House Bill 434, legislation that would create the *Ohio Nuclear Development Authority*. The bill is designed to benefit corporate special interests, in particular, *eGeneration* of Cleveland and the associated *Elysium Industries*. It would create an authority with the potential to commit large amounts of public monies to prop up a problematic industry. In addition to generation of highly toxic waste that lasts for thousands of years, nuclear power is neither a viable strategy for meeting energy needs nor a way to address climate change. An article published in the journal *Energy Policy* last year concluded that this was not a direction that would help meet our energy needs, as "a substantial expansion of nuclear power will not be possible because of technical obstacles and limited resources." It argues further that "the contribution of nuclear power to mitigate climate change" would be "very limited" and "decrease even further until 2040" (<https://doi.org/10.1016/j.enpol.2021.112363>) Another article notes that "building a new nuclear power plant takes an average of ten years, and the energy it will produce costs between \$112 and \$189 per megawatt hour (MWh), in contrast to \$29 to \$56 per MWh for wind and \$36 to \$44 per MWh for solar." (<https://bit.ly/3B94jkR>). There are, in other words, much better ways to use Ohio's money to meet the energy needs of the state.

HB 434 is bad energy policy. I urge you to oppose it.

Sincerely,

Jan Nesor

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