

Abstract Submitted
for the APR21 Meeting of
The American Physical Society

Can we agree with climate science and oppose nuclear energy as conscientious scientists? ROBERT HAYES, North Carolina State University, RETROSPECTIVE DOSIMETRY AND NUCLEAR ASSAY TEAM — It has long since passed that the UN expert panel along with the WHO have concluded that all the radioactivity and radiation dose from the Fukushima event were too small to cause any measurable medical effects in the local populations of Japan. Similar arrays of review papers and journal articles agreed and have now found that the only medical effects are attributed to radiophobia, the fear of radiation. That 3 out of 4 nuclear reactors can undergo full meltdown with what is clearly a safe outcome is outrageous given public sentiment and society silence on the matter, beyond incredible, potentially comparable to individuals believing the earth is flat. If we as a society ask the public to adopt scientifically sound consensus opinions such as those from the IPCC, how can we expect deference to the experts if we ourselves pick and choose which to follow such as the case with nuclear energy? Issues such as nuclear waste, transportation safety and other nuclear accidents will also be considered in this talk.

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Date submitted: 05 Oct 2020

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