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The objective view of Fukushima as clear support and driving motivation for nuclear energy despite radiophobia ROBERT HAYES, North Carolina State University — The UN did not only arrange the IPCC which advocated for nuclear energy, it also convened a diverse expert working group on the health effects from the cumulative Fukushima radioactivity release. This latter expert panel (UNSCEAR, https://www.unscear.org/docs/reports/2013/14-06336_Report_2013_Annex_A_Ebook_website.pdf) found that no measurable medical effects are expected from all the radiation doses to the Japanese population in general (and even less so elsewhere) due to its engineered safety designs such as its intentional containment. The word “Fukushima” is almost a terror phrase along with nuclear waste and nuclear energy in general despite a litany of consistently out-producing safety metrics including the worst case Fukushima event for western designs. The WHO (<https://www.who.int/news-room/q-a-detail/health-consequences-of-fukushima-nuclear-accident>) also confirmed these findings along with relevant professional society assessments and most striking of all, the only real measurable effects are fear based stress outcomes from radiation doses that are comparable or less than natural background radiation. This radiophobia was found to incite a prolonged stress effect in an almost curse like belief system from being exposed to low levels of radiation. Issues such as nuclear waste, transportation safety and other nuclear accidents will also be considered in this talk.

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