

Episode 56iD August 31, 2023. The Fire Department passed by with a siren for my birthday.

This episode was originally to be about Ahoskie, North Carolina & Gloster, Mississippi taking on Drax pollution at wood pellet factories. Stay tuned for that episode, now to be titled Episode 56iE.

Episode 56iD August 31, 2023. Wisconsin, Madison

To give this problem a human face: The Fire Department passed by with a siren for my birthday. Hurrah! After midnight today, technically on the morning of my birthday, the Fire Department came by to issue a ticket for open burning against my neighbor 60 feet away. My garbage and/or wood burning neighbor had been open burning off and on in his backyard for several hours yesterday, and the fire department had previously, as subtly as a Fire Department can, arrived in a big red firetruck, at first without a siren, at 10PM yesterday. This overly familiar neighbor was currently resorting to open burning of tire-smelling debris in the middle of summer, perhaps in salute to the unlamented lost tradition of military burn pits. In the grand tradition of the U S West Coast's eerily and nonsensically frigid indoor residential wood burners who take up the garbage smoldering habit as soon as West Coast wildfire smoke dies down, when the temperature in Madison, Wisconsin dipped into the normal summer 70's the cold-blooded lizard-like people pop up, dying to ineptly roast one side of their body at a time, against the frigid normal summer temperatures, and share the PM2.5 and CO2 pollution with their near neighbors. My eccentric wood burning neighbor, who has a day job, office job, making maps for the Forestry Department, has built a wooden "Fire Tower" in his backyard from which he can survey this ordinary city residential neighborhood, each house lot a close 60 feet away from another neighbor's house lot. The "Fire Tower" sticks out 2 stories high in a 1 story neighborhood, and inconveniently for him, consists of light-colored wood, on which the orange fire glow and embers floating skyward is reflected, broadcasting the orange light of the fire visible to near neighbors on the 2 story "Fire Tower's" light colored wood itself. Of course, the billows of smoke are also visible in the air, since this is a city neighborhood with lights on in every doorway through the night, and with smoke videos inevitably caught on Ring cameras, and data on PM2.5 levels above EPA NAAQS standards inevitably caught on PurpleAir Maps and EPA Airnow Maps of Smoke and Fire, 24 hours a day, including after midnight and on weekends. The wonderful thing about PurpleAir PM2.5 monitors is that their historic data from overnight as well as weekend indoor residential wood burning as well as open wood burning is available for download by the general public and by government officials during normal government working hours. At other times, my Forestry Department neighbor's indoor residential wood burning stove is also near his "Fire Tower", behind sliding doors, which doors he can recreationally open to share the indoor residential wood smoke through open doors as well as from the stove stack, of course negating any argument that he is burning wood out of necessity to keep warm in a house with doors closed. Neighbors up and down the street are aware that he works for the Forestry Department. Ironically the "Fire Tower" works to inform neighbors of fires he starts, instead of the apparent reason that my neighbor built a "Fire Tower", to survey to see if neighbors are outside and directly observing his wood fires and smoke, to see if he can get away with starting polluting fires. I work for the School of Medicine and Public Health, so it seems that the philosophy of forestry management for the purpose of wood burning revenue is at odds with the Public Health philosophy of protecting human health, in this instance. He stands for air pollution at all costs, and for all the revenue possible for the vendors of wood burning appliances, and I, in the All-American tradition of self-defense, stand for human health, specifically my own human health, and against air pollution. Personally, I think every human being should be concerned with human health and against air pollution, if not for their own health, for the health of near neighbors. Wood burning emissions are 90% PM2.5, particulates of 2.5 micrometer size, are the perfect size to infiltrate the human lung, setting off a cascade of human health problems and early deaths. Recently PM2.5 has also been linked in scientific studies to antibiotic resistance. Since bacterial infections which often accompany viral infections such as COVID 19 and AIDS, are fought by antibiotics, Public Health agencies fight antibiotic resistance in order

to prevent a pandemic's deadly toll. PM2.5 pollution can be seen as a vector of bacterial infection in the midst of the COVID 19 pandemic. The emissions of wood smoke, PM2.5 and CO2, also contribute to climate change, and there is a feedback loop of wildfires caused by climate change, causing more climate change from wildfire's PM2.5 and CO2 emissions. Biomass (wood burning) power plants are more polluting than the coal burning power plants that they replaced. Government policies replacing a more polluting energy source for a less polluting energy source (accompanied with huge taxpayer subsidies for wood burning) are illogical and damaging to the environment and human health, and must change. The Republican Governor of New Hampshire recently vetoed a bill that would continue New Hampshire taxpayer subsidies for a wood burning power plant so inefficient in producing power that it could not pay for itself. Canadian (British Columbian and now Northwest Territory) Wildfires are more likely in a landscape decimated of oxygen-producing trees in service to world-wide wood burning power plants like Drax in the United Kingdom. There are solutions to end this illogical use of wood for burning. Use a Heat Pump in Wisconsin, because now Heat Pumps in 2023 work at temperatures at 40 degrees below zero Fahrenheit, can double as air conditioners, are so efficient that they lower heating bills, and are subsidized by many government programs. A smart electric grid is being worked on to reach all rural areas. Electricity that Heat Pumps work on can be generated cheaply now from Wind and Solar Power. Geothermal energy, like Wind and Solar, also has no particulate emissions. Battery storage for Wind and Solar is evolving. This is the exciting and innovative wave of the future. Don't be left behind. Wood burning emits more PM2.5 and CO2 than the fossil fuel Coal burning. Wood burning emits 450 times more PM2.5 than the fossil fuel Natural Gas burning. Wood burning power plant emissions are not counted toward meeting a country's Climate Goals. Illogically, if a Coal Burning Plant is replaced by a Wood burning plant that country's Climate Goals are nearer to be met because wood burning emissions are illogically, based on political pressure, not scientific evidence, not counted in Climate Goals. The macro solution to PM2.5 and CO2 pollution from wood burning is to start counting Wood burning emissions around the world in each country's Climate Goals. The micro solution to PM2.5 and CO2 pollution from wood burning is to stop indoor residential wood burning and to stop individual residential open burning. This is known as low hanging fruit. This is easy for individuals to do. Sometimes it can be done by individual resolve to stop bad habits. Sometimes it can be done by a Parallel Track of 1) continued use of certification of indoor residential wood stoves, only with lower limits of PM2.5 and CO2 emissions allowed that do not also violate EPA NAAQS limits when the indoor residential wood stoves are used and 2) a complaint based system based on handing out free PM2.5 monitors to any near neighbor of an indoor residential wood burner who complains of PM2.5 entering their yard and infiltrating their home. If PM2.5 violates NAAQS standards of 35 micrograms per cubic meter in a 24 hour period, then the wood stove would be shut down, whether or not it was EPA certified. Assistant Attorney Generals of 10 U S States are currently suing the Environmental Protection Agency (EPA) based on an Office of the Inspector General (O I G, "Watchdog of the EPA) February 2023 report which stated that the certification of indoor residential wood stoves is "flawed" by the lobbying of the indoor residential wood stove industry, resulting in loopholes to compliance so gaping that most indoor residential wood stoves are highly polluting, certified or not. RAWSEP has sent letters to the Assistant Attorney General of the 10 U S states and to the current Director of the National Institute of Allergy and Infectious Disease (NIAID), Dr. Jeanne Marrazzo and two of her colleagues at the National Institute of Health (NIH), Dr. Hugh Auchincloss and Dr. Lawrence Tabak, asking for the suit to contain an ask for a "Parallel Track" of 1) continued certification of indoor residential wood stoves only reviewed periodically and 2) a complaint based system based on PM2.5 PurpleAir readings (since PurpleAir data already appears on US AirNow Maps of Smoke and Fire, correlated to the EPA \$100,000 PM2.5 monitors it appears alongside, with a simple mathematical formula). If you agree with the contents of letter templates RAWSEP has on its website, download the letters and please email them yourself to the Assistant Attorney Generals of 10 U S States and to Dr. Jeanne Marrazzo and her two colleagues. Dr.

Jeanne Marrazzo is successor to Dr. Anthony Fauci of NIAID, who successfully pushed his own "Parallel Track" in 1989 to President George H.W. Bush which consisted of 1)Allowing Clinical Trials of one AIDS drug AZT which caused blindness as a side effect along with 2)Allowing use of a 2nd AIDS drug, Ganciclovir, which cured the blindness that AZT caused. See more about this 1989 Parallel Track in the 2023 Public Broadcasting Service (PBS) documentary American Masters Season 37 "Doctor Tony Fauci" on PBS Passport through subscription.

A letter sent on 8/28/2023 to the Assistant Attorney Generals threatening to sue the EPA over wood stove certification follows.

Dear Assistant Attorney General,

Attached is a letter that was sent to the National Institute of Allergy and Infectious Diseases (NIAID) Director Dr. Jeanne Marrazzo, former acting NIAID Director Dr. Hugh Auchincloss and National Institutes of Health (NIH) Director Dr. Lawrence Tabak regarding regulation and the ability to shutdown PM2.5 polluting indoor residential wood burners. PM2.5 pollution is known to cause antibiotic resistance making infectious disease pandemics more likely and uncontrollable.

The letter asks Dr. Marrazzo to apply a "Parallel Track" to indoor residential wood burning pollution in 2023. This "Parallel Track" would include both EPA wood stove certification and a complaint-based system using PurpleAir PM2.5 monitor data collected from the yards of near neighbors of indoor residential wood burners. This would be a way to address the very real impact of PM2.5 pollution which EPA wood stove certification fails to address. We propose that the use of PurpleAir monitors would provide important data on PM2.5 air pollution that is currently missing in the EPA wood stove certification.

This proposal is modeled on the approach Dr. Anthony Fauci used in 1989 that allowed a "Parallel Track" of both the Food and Drug Administration (FDA) use of AZT for AIDS that had the unfortunate side effect of blindness along with a second drug, Ganciclovir, that actually cured the blindness.

An earlier letter sent to your office asked that you include a complaint-based system of regulating indoor residential wood burning using PurpleAir PM2.5 data in your suit against the EPA. Indoor residential wood burners are already ineffectively certified by the EPA. This violates the EPA's own National Ambient Air Quality Standards (NAAQS) emission limits of 35 micrograms per cubic meter in a 24-hour period. Using data from PurpleAir PM2.5 monitors in the yards of near neighbors who complain of PM2.5 from hyper-localized indoor residential wood burners would provide the missing and important evidence of this type of air pollution.

Currently if a near neighbor's complaint is made to a local health department, a complaint using federal NAAQS exceedance data is not considered as a basis for a complaint against neighboring indoor residential wood burning. It is also not considered as a basis for shutting down the wood burning appliance when the indoor residential wood stove has been federally EPA certified. Lawsuits for nuisance are expensive and beyond the means of the average American and are not considered precedents in courts generally. Contacting state agencies to shut down polluting wood stove use that affects the health and lives of near neighbors has been unproductive because decisions made by the EPA determine the decisions made by state agencies.

Although the scope of your lawsuit seems confined to asking the EPA to continue their wood stove certification program as is, albeit at a faster pace, we ask that you consider the intent behind asking the EPA to tighten their standards for wood stove certification on a regular basis. The intent of an Environmental Protection Agency is to protect the environment. This has perhaps been narrowly construed to be protecting air, water and ground from contamination from industries only. But United States citizens should actually benefit from this environmental protection as well. Tightening wood stove standards on a regular basis should result in protecting the environment as well as protecting United States citizens from harm from the air, water, and ground. We believe that the EPA's responsibilities are inextricably connected with public health responsibilities of other government

agencies such as NIAID.

Please try to accomplish something meaningful for the American people with this lawsuit by considering using a Parallel Track to include PM2.5 data in future decisions about air quality standards. Although I am not your constituent, by commencing to sue a federal agency you are representing me as a citizen of the United States and in that sense as your constituent.

Thank you,

Sent to

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<https://rawsepresidents.wordpress.com/1-please-attach-pdf-letter-to-niaid-director-dr-jeanne-marrazzo-to-an-email-from-you-to-jeanne-marrazzonih-gov/>

Episode 56GF July 19, 2023. The Ask: Request a complaint-based system from 10 Attorney Generals suing the E P A to give wood stove users “certainty”. The Ask: Emails of 3 NIH officials

jeanne.marrazzo@nih.gov; hugh.auchincloss@nih.gov; Lawrence.tabak@nih.gov Emails of 13 Assistant Attorney Generals, Deputy Attorney Generals and General Counsel preparing to sue the EPA to provide clarity for indoor residential wood stove manufacturers, vendors, and users. Instead, the assistant attorneys general should ask for a PM2.5 pollution complaint based system in place of the failed wood stove certification program. The states involved are Alaska, Illinois, Maryland, Massachusetts, Minnesota, New Jersey, New York, Oregon, Vermont, and Washington, as well as the Puget Sound Clean Air Agency. A new icon has been added to the RAWSEPresidents Website, which is now the nearest right icon. The icon is an ask that has already been described in Episode 56G B (description of the parties who should be at the table when deciding on “safe” wood stove emission limits and fence line measurements, rather than wood stove certification) and (emails to contact 10 Deputy or Assistant Attorney Generals and one General Counsel) (those PDFs are included at the icon link). Residents Against Wood Smoke Emission Particulates, see <https://rawsepresidents.wordpress.com> and click on the nearest right icon for The Ask: 1)Email PDF letters to 3 officials of the National Institutes of Health (NIH) and NIAID

<https://rawsepresidents.wordpress.com/1-please-attach-pdf-letter-to-niaid-director-dr-jeanne-marrazzo-to-an-email-from-you-to-jeanne-marrazzonih-gov/> The Ask 2)Email PDF letters to 13 Assistant Attorneys Generals, Deputy Attorney Generals and General Counsel

<https://rawsepresidents.wordpress.com/1-please-contact-10-attorneys-general-about-august-2023->

[suit-versus-e-p-a-asking-for-certainty-for-wood-stove-users-rawsep-asks-for-complaint-based-sytem-based-on-pm2-5-monitor-data-exceeding-e-p/](#) To the right of that 3)"Barbie Goes To The Dating Game" <https://rawsepresidents.wordpress.com/1-barbie-goes-to-the-dating-game/> To the right of that 4)"Cookies that may contain Rocks are recalled" <https://rawsepresidents.wordpress.com/cookies-that-may-contain-rocks-are-recalled/> to the right of that 5)"The Fox Owns the Forest" card game <https://rawsepresidents.wordpress.com/the-fox-owns-the-forest-card-game-tba/> then to the right of that, the latest months, 6)August & 7)July 2023, of PDFs of articles with U R L's to search on <https://rawsepresidents.wordpress.com/1-august-2023-pdfs-of-urls/> and <https://rawsepresidents.wordpress.com/1-july-2023-pdfs-of-urls/> To the right of that, 8)Stickers to handout for RAWSEP, Games such as 9a)Bingo for RAWSEP, 9b)Crosswords for RAWSEP 9c)PM2.5JeopardyFree game <https://youtu.be/Lnsg32pYDnc> 9d)PM2.5FreeMonopoly <https://youtu.be/cUCK1pscQnQ> & EndWoodSmokeMonopoly 9e)"Vending Machines for PM2.5 monitors", and 10)icon links to 30 minute Youtube videos and Spotify podcasts as well as podcasts.google.com, Castbox and PocketCast. PocketCast is only Free on the phone App. Pocket Cast works on Apple phones) and, below those icons, icon links to monthly URL's of PDFs from June 2023 to May 2022.