

Rulemaking1CEm Resource

From: RulemakingComments Resource
Sent: Wednesday, December 04, 2013 4:43 PM
To: Rulemaking1CEm Resource
Subject: FW: NRC Waste Confidence hearing December 2nd in Perrysburg, Ohio

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From: Jon Paul Morrow [mailto:jonpaulmorrow@gmail.com]
Sent: Tuesday, December 03, 2013 11:05 AM
To: RulemakingComments Resource
Subject: NRC Waste Confidence hearing December 2nd in Perrysburg, Ohio

I invite all my friends to submit letters to the NRC in support of new nuclear waste rules.

You can comment until December 20th.

Dear NRC administrators and policy makers,

Thank you for this opportunity to comment and thank you for running a very professional meeting on December 2nd, 2013 in Perrysburg, Ohio.

I attended the December 2nd, 2013 Perrysburg, OH public comment period on NRC Nuclear waste confidence and was taken aback by the passion in the room, not on the issue of nuclear waste, but upon the issue of nuclear energy generation. I assumed I was there to comment upon nuclear waste and not to argue the merits of nuclear energy production.

Nuclear waste, is deadly, and is toxic, and should be handled and stored with the greatest of respect.

With that being said, the public has a lot of passion about the issue of nuclear waste and of nuclear energy, and this passion is built upon personal perception. No thought out solutions to our energy problems were submitted and no respect was given to the problems America would face without nuclear energy. One side dominated the discussion and that was the flavor of capitalism and personal profit motive were destroying the American dream. I would contest shutting down nuclear energy production cold turkey would be very problematic if not impossible and would kill more dreams than to let nuclear power companies continue operations as normal.

Truth is not perception, truth is immutable, provable, auditable, and it is arrived at without the encumbrances of biases and preconceived notions.

Using scientific principle and logic we can arrive at the truth of any issue.

I am above all, a seeker of truth, and I think we should all be a seekers of truth...it is how we best interact with reality which is based upon a set of facts and truths that are immutable... as for passions, no matter how well intentioned, are still just passions, which are personal perceptions jaded by heart-felt emotion and they do not necessarily have to have any basis in reality. This is true no matter upon which side of the aisle you stand.

When I listen to the death count on Nuclear accidents like Chernobyl I hear one study that says 28 people died, another that says 100,000 and another that says 1,000,000. Clearly, someone is not being truthful and has an agenda. All three death toll claims are supposedly from reputable sources, but again, I am going to accept the one that makes their information public and it is auditable by the general public using scientific principles. Thank you NRC!

Source:

http://www.slate.com/articles/health_and_science/explainer/2013/04/chernobyl_death_toll_how_many_cancer_cases_are_caused_by_low_level_radiation.html

http://en.wikipedia.org/wiki/Chernobyl_disaster

<http://www.world-nuclear.org/info/Safety-and-Security/Safety-of-Plants/Chernobyl-Accident/>

http://www.beyondnuclear.org/storage/documents/Update_9_Fukushima.pdf

<http://www.livescience.com/39961-chernobyl.html>

There are many that will say the NRC is owned by the corporations that are behind nuclear energy and anyone that believes otherwise is just a dupe! There are many that will say that the NRC is in bed with the corporations that run Nuclear Power Plants and we (the public) are playing with a ticking time bomb that will kill us all because these corporations would throw caution into the wind and sacrifice safety to the expense of all of us.

Logical conclusion number 1: Nuclear power companies like to build nuclear power plants because it helps them to make a profit. It does not make any logical sense that if they (nuclear power companies) own the NRC under some illogical conspiratorial grand design that they have not built any new nuclear power plants within the last 30 years. On the contrary, that would point to Wind and Solar lobbies running the government and paying off NRC officials to eliminate the competition (another far flung conspiracy). Logic would dictate these claims are without merit and that the NRC, if anything is overprotective of the public's safety.

Source:

http://money.cnn.com/2012/02/09/news/economy/nuclear_reactors/

<http://www.reuters.com/article/2012/02/09/us-usa-nuclear-nrc-idUSTRE8182J720120209>

<http://www.telegraph.co.uk/news/worldnews/northamerica/usa/7252625/First-nuclear-power-plant-in-US-for-30-years-to-be-built.html>

<http://www.newscientist.com/article/mg21829116.600-us-starts-building-first-nuclear-reactors-in-30-years.html>

Logical conclusion number 2: I am glad nuclear power companies have a profit motive. Killing their customers is bad for business and accidents and leaks cost a ton of money. There is a financial incentive for nuclear utilities to be run well and waste stored well. I shudder to think how our nuclear industry would operate without a profit motive.

Source:

<http://www.reuters.com/article/2013/08/14/us-japan-decontamination-insight-idUSBRE97D19F20130814>

<http://www.foxnews.com/world/2013/07/24/fukushima-nuclear-clean-up-to-cost-58-bn/>

<http://nuclear-news.net/2013/11/13/fukushima-cleanup-costs-250-500-billion/>

<http://www.greenpeace.org/international/en/news/Blogs/nuclear-reaction/fukushima-clean-up-costs-hit-58-billion/blog/46132/>

<http://www.nirs.org/radwaste/decommissioning/wvfcareport1108.pdf>

Passionate speeches are made of how nuclear waste is killing and will kill thousands and millions of people, today, and in the future.

Yet thousands and millions of people are killed everyday. You take a chance just crossing the road and getting hit by a car.....should we ban cars? Every year thousands of people die in tragic car accidents, and using the same logic as the logic I have heard in these testimonies at the waste confidence hearings, I would surmise there would be those that advocate banning the automobile. That is illogical, as the automobile has provided us with prosperity which has allowed us to lengthen our lifespans, and therefore, save many more lives than what they have taken. The same is true of nuclear energy.

While there is no doubt that the nuclear industry and the NRC has had its share of problems, the problems are fewer and becoming more and more insignificant everyday.

Logical conclusion number 3: Claims have been made that Germany has it right by eliminating Nuclear yet, this has caused increases in the burning of coal, more nuclear material (which is found in coal) is entering the atmosphere more than ever in Germany (and many purported environmentalist are happy about this)....and using the very same logic presented by anti-nuclear activist....that would mean many more deaths than all the nuclear catastrophes combined will happen because of Germany's anti nuclear policy. At least Nuclear power plants contain the nuclear waste rather than letting it be spread into the atmosphere for all to breathe!

Source:

<http://www.bloomberg.com/news/2012-08-19/merkel-s-green-shift-forces-germany-to-burn-more-coal-energy.html>

<http://www.bloomberg.com/news/2013-07-28/merkel-s-green-shift-backfires-as-german-pollution-jumps.html>

<http://www.bloomberg.com/news/2013-02-27/germany-to-add-most-coal-fired-plants-in-two-decades-iwr-says.html>

<http://www.thelocal.de/20130226/48189>

<http://insideclimatenews.org/news/20130724/why-germanys-greenest-city-building-coal-fired-power-plant>

<http://wattsupwiththat.com/2013/04/23/germany-to-open-six-more-coal-power-stations-in-2013/>

Logical conclusion number 4: The presence of abundant and affordable energy nearly always outweighs its negative effects it may cause. This can best be demonstrated by the coal-fired powered plants in China that are saving lives, not hundreds of lives, not thousands of lives, but millions of lives, every day in the most polluted cities in the world. Coal and nuclear energy has afforded a standard of living that decreases many of the societal factors that would shorten lifespans. Many Chinese in very polluted cities are now living as long or longer than Americans.

Source:

<http://www.worldlifeexpectancy.com/china-health-miracle>

<http://www.worldlifeexpectancy.com/country-health-profile/china>

http://www.china-profile.com/data/fig_WPP2010_L0_Boths.htm

<http://qz.com/9607/up-3800-chinese-consumption-drives-biggest-opportunity-in-the-history-of-man/>

Thousands of people are saved every year through non-invasive medical diagnostic testing with the use of medical isotopes that are derived from nuclear energy. Better yet, one of the best promises for a cure for cancer and AIDS lies in differing types of nuclear isotope therapies and treatments. There is a tremendous potential to save millions more lives every year with expanded research and development into new nuclear technology

I believe that the public cannot make good choices (decisions as a society) on nuclear energy, as they (the public) are primarily driven and motivated by fear and anger upon this topic and any topic of crises. I look at how people were first treated by the public when the first AIDS epidemic broke out in America.....there were plenty of mythologies that surrounded this disease that unfairly condemned people, many were banned from work, could not attend school, and were ostracized in public. I believe there is so much dis-information circulating that the public cannot possibly make a good decision and Nuclear Energy and nuclear waste and Nuclear Waste storage decisions should be made through the unbiased and apolitical eye of science, that is an open process for all to see, and is subject to independent audit of watchdog groups.

While I have great confidence the NRC is doing a great job in keeping the public safe. I would have even more confidence in the NRC if they would accelerated licensing private research and development of technologies (such as MSRs Molten Salt Reactors) that would radically reduce our nuclear waste stockpiles with affordable small modular reactors that could be shipped to onsite storage sites, hooked to the electrical power grid, and consume 99% of our radioactive waste, and make the small amount of resulting waste radioactive for only hundreds of years in stead of hundreds of thousands of years.

By privatizing nuclear waste not only could we save \$billions in taxpayer and ratepayer dollars, we could help spark an economic recovery, and not pass nuclear waste hundreds of thousands of years into the future

Currently, the US Government by law, owns all nuclear waste. The federal government has wrestled with this problem (of nuclear waste storage) for decades and has not presented a

viable solution for reducing our nuclear waste instead of just storing it. If industry had a profit motive through ownership of the waste, then more than likely self serving profit driven companies (under the watchful eye of the NRC) would come up with a solution such as a MSR actinide burner that would allow for the safe and very economical onsite destruction of nuclear waste (conversion into energy cheaper than coal).

This would greatly lessen the cost of nuclear power, benefit the environment, minimize the potential for accidents, and create many jobs. Jobs that America needs!

Thank You,

A handwritten signature in blue ink, appearing to read "Jon P Morrow".

Jon P Morrow

Hearing Identifier: Secy_RuleMaking_comments_Public
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Priority: Standard
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Reply Requested: No
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Expiration Date:
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A handwritten signature in blue ink, appearing to read "Ja P. [unclear]". The signature is written in a cursive style with a horizontal line at the end.