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ORIGINAL

Trisha A. Morgan

Smart Meter Generic Investigation E-00000C-11-0328

From: Susan Helms [subhelms@maine.com]
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AZ CORP COMMISSION DOCKET CONTROL

Look at the video below that has an insurance company scientist telling about the DNA chain breaks caused by low levels of Wireless smart meter type radiation and that Insurance Companies will no longer insure Health Damage from Wireless Meters, devices etc due to this and other observed problems and then maybe look in the mirror to find the source of stupidity that you search for.

http://eon3emfblog.net/?p=382

PG\$E'S DECEPTIVE MANAGEMENT STRATEGY.

PG\$E's Management Strategy was to get the 10 million Wireless Meters deployed as fast as they could without the people knowing much, if anything, about it.

Then PG\$E will make huge windfall profits (none shared with customers) by firing all the meter readers and collecting huge \$ penalties from customers for reconnection service. PG\$E will be able to disconnect and reconnect service remotely with the click of a mouse with the WIRELESS meters.

After installation and problems occur, PG\$E will be paid to fix and solve and correct the problems, so the more problems, the more money will flow from to PG\$E. And it will all be paid by customers via rate increases and all kinds of other allowances approved by the PUC.

The Attorney, Lindh, for the PUC was previously the attorney for PG\$E.

The Chairman of the PUC, Peevey, was previously the President of the Utility Company.

PG\$E was caught/busted/revealed prior to completion of deployment of all the 10 million WIRELESS meters.

So the current PG\$E PROPAGANDA THEME is that they did a BAD JOB WITH COMMUNICATIONS.

But that is NOT true. That propoganda theme continues to cover up and disguise the REAL PROBLEMS FOR CUSTOMERS.

If PG\$E communicated well from the beginning then customers would all know that:

- 1. The Wireless smart Meters Deployed (WMD) do NOT reduce energy usage.
2. The Wireless smart Meters Deployed (WMD) do not reduce utility bills.
3. The WMD do not facilitate renewable energy integrating into the grid.
4. The WMD jeopardize the overall effectiveness of a smart grid.
5. The WMD create security problems that WIRED smart meters do NOT.
6. The WMD create hacking opportunities for high tech home robbers.
7. The WMD create interference with other electrical and motion detector devices.
8. The WMD have started fires at homes and businesses.
9. The WMD are still suspects in the ignition of the San Bruno Fire & Explosion.
10. The WMD emit pulsed RF signal radiation 24/7 without a shut off switch. Levels of that radiation, even lower than emitted by WMD, have been observed in laboratory tests (in test tubes and the brains of lab rats) to cause CELL DAMAGE, DNA CHAIN BREAKS, BREACHES IN THE BLOOD-BRAIN BARRIER.
11. The WMD emit pulsed radiation approximately 25,000 times per day, contrary to PG\$E's claims.
12. The WMD radiation will be absorbed by and pass through our children's bodies and brains without relief in our homes, even when they are sleeping.

13. The WMD will collect personal and intimate private information from our homes and PG\$E Corporate Management, the same group that killed children in Hinkley California as documented in the Julia Roberts Erin Brockovich Movie, will be the caretaker of that information. PG\$E Corporate Management says they won't "Accidentally" allow our information to be stolen or lost, they won't sell or sneak it to commercial organizations that desperately want it in order to know more about our intimate use to sell us things.

PG\$E Corporate Management told the families in Hinkley California that the water was safe (EVEN THOUGH THEY KNEW IT WAS NOT SAFE) so the children drank it, swam in it and showered in it and then had to have operations removing organs in their bodies and suffering terrible painful paths to their deaths.

These are the same PG\$E Corporate Management that are attending our city council and board of supervisor meetings and holding "Education" meetings for customers.

The PUC and the utility company in Maine are already talking about actual options to Wireless meters after only a couple months of complaints from customers while "PG\$E is still "Considering it after four years." And of course PG\$E is NOT including a single knowledgeable CUSTOMER in their "Considerations."

Arizona Corporation Commission DOCKETED

SEP 6 2011

DOCKETED BY [Signature]

These PG&E monsters and the Chairman of the PUC, that previously was the President of the Utility Company, should be tried for crimes against nature, children and humanity and then placed in the most secure and hard-time prisons as a token of what they truly deserve.

Scientific information states that SMART METERS are not SAFE, due to the fact that they emit RF MICROWAVE RADIATION 24 hours a day, in close range, non-thermal, chronic long-term exposure. To harm a customer in their home is a criminal act. TO ignore health and safety complaints from thousands of customers is malicious, reckless endangerment, criminal, and pathological conduct. Plus, 'Smart' Meters are not UL Certified, Underwriters Laboratory Confirms smartMeters are Not Safety Tested, Raising Fire Safety Fears, in addition to Radiation poisoning.

Scientists Urge Halt of Wireless Rollout and Call for New Safety Standards

2/13/2011: Scientists who study radiofrequency radiation from wireless technologies have issued a scientific statement warning that exposures may be harming the development of children at levels now commonly found in the environment. Pregnant women are cautioned to avoid using wireless devices themselves and distance themselves from other users. The Seletun Scientific Statement has now been published in Reviews on Environmental Health (2010; 25: 307-317). The article recommends that lower limits be established for electromagnetic fields and wireless exposures, based on scientific studies reporting health impacts at much lower exposure levels. Many researchers now believe the "so-called" existing safety limits set by the FCC are dangerous, incorrect, are inadequate to protect public health because they do not consider prolonged exposure to lower emission levels that are now widespread, and chronic.

http://www.sagereports.com/smart-meter-rf/docs/Fragopoulou_et_al_2010b.pdf

We demand that smart meters be removed immediately, and banned from our homes. Beloved babies, children, seniors, families, and pets are being grossly irradiated, and assaulted, against their will 24 hours a day, poisoned, and sickened, with severe, debilitating, and irreversible health effects. We DEMAND an immediate OPT_OUT PERMANENTLY. Backed by current scientific knowledge, 100's of scientific reports conclude that the non-thermal effects of microwave radiation, especially close range, constant exposure is extremely dangerous, and no dose is safe. We can refuse to consent to a utility which endangers our health. Second hand cigarette smoke is bad; second hand radiation is worse. The installation of Radiation emitting smart meters inches from our bodies, 24 hours a day is an egregious criminal act, and is in absolute violation of the Constitution, the Geneva Convention, and an abomination of our Civil Rights. PGE's illicit propaganda is lying to the public, stating that these microwave radiation emitting meters are "safe" is an evil lie. PGE has a long history of poisoning, and killing people in their homes, and lying, and covering up, if you have not seen Erin Brochovic, rent it. PGE has declared war on millions of innocent customers, forcing 24 hour exposure to deadly radiation, against their will, with no choice. Smart meters are simply their newest weapon that they are, in their own devious words are "deploying", de·ploy verb \di-'plói\

Definition of DEPLOY

transitive verb

1

a : to extend (a military unit) especially in width

b : to place in battle formation or appropriate positions

2

: to spread out, utilize, or arrange for a deliberate purpose

This is a crime against humanity, and will be treated as a war crime.

Smart meters are not an environmental solution, they offer no benefit to the customer, block the ability to add solar panels, to return energy reserves, they raise the already inflated price of energy, create potential severe fire hazards, all while blasting our loved ones full of non-stop radiation, which is and will break DNA in our bodies, cause brain tumors, infertility, leukemia, heart irregularities, constant ringing in the ears, suppress immune function, interrupt sleep, headaches, infertility, eye problems, nausea, and cause cancers which will lead to death. In spite of thousands of complaints, PGE and CPUC are not protecting the innocent people, they are protecting the these investor-based corporations, that are only interested in one thing...money. If they kill thousands of people is of no concern, if babies die of leukemia, they could care less, there must be justice, in this country, or any country that will protect innocent people from being blasted with radiation in their homes, against their will, with no choice, and no where to escape. Shame on every person that has refused to help us. The name for someone that stands idly by while a person is being harmed is called an "accomplice to the crime". I appeal to your sense of what is decent, and humane, and please move heaven and earth to remove radiation emitting smart meters from our homes, immediately and ban the use of any and all meters that emit any form of radiation, or harmful emissions. We must have a choice, and PGE must remove any meter, and meters from any customer that is being affected by it. In these difficult economic times, billions of customers dollars have been squandered on these dangerous, and useless devices, and the cost and toll on the health and safety of millions of innocent people is at severe risk. Immediate removal of smart meters is the only answer. Thank you for your valuable time, and I trust that you will take honorable action and protect innocent people being harmed in their homes. PGT states that they are only doing what the cpuc mandated, but the CPUC stated that they mandated a smart grid, but never

mandated wireless meters that emit rf microwave radiation. Smart meters pose a fire risk, in the same way that you should not be on a cell phone at a gas station, one spark, and the gas meter blows. San Bruno, which burned to the ground, causing fatalities, was fully installed with Smart meters. Bills have skyrocketed since the installation. Privacy and safety are being invaded. Who will stop this reckless endangerment, and health threat!! If a utility wages war on innocent customers, that have paid their bills for decades, who will protect them? Who is the paying the price with their health and their wallets, the innocent customers. We demand immediate removal, and permanent opt out of rf radiation emitting smart meters, and replace the analog meters, until there is a safe, non-radiation emitting, fiber-optic based meter. Until then, PGE and the CPUC stating that Smart meters are safe because the FCC says so, is like saying it is safe to take a shower in lethal gas because Hitler said so. Strong words, are called for when a utility is exposing customers to 24 hour radiation in their home, against their will, against serious complaints. WE DEMAND immediate and permanent REMOVAL and immediate and permanent OPT OUT OF SMART METERS.

Painful conditions endured by the families of Garcia and Jasso are identical to those suffered by Japanese victims of gamma wave radiation after nuclear explosions at Hiroshima and Nagasaki in 1945. Five decades of studies confirm that non-ionizing communications radiation in the RF/microwave spectrum has the same effect on human health as ionizing gamma wave radiation from nuclear reactions. Leading German radiation expert Dr. Heyo Eckel, an official of the German Medical Association, states, "The injuries that result from radioactive radiation are identical with the effects of electromagnetic radiation. The damages are so similar that they are hard to differentiate."¹

Understanding what happened at Likely Mountain is critical to understanding the public health threat posed by RF/microwave radiation in the United States. The families of Garcia and Jasso, plus previous lookout workers and multitudes of tourists who visited Likely Mountain for camping and sightseeing, were beamed by the same kind of high frequency radiation that blasts from tens of thousands of neighborhood cell towers and rooftop antennas erected across America for wireless communications. The city of San Francisco, with an area of only seven square miles, has over 2,500 licensed cell phone antennas positioned at 530 locations throughout the city. In practical terms, this city, like thousands of others, is being wave-nuked 24 hours a day.

The identical damage resulting from both radioactive gamma waves and high frequency microwaves involves a pathological condition in which the nuclei of irradiated human cells splinter into fragments called micronuclei. Micronuclei are a definitive pre-cursor of cancer. During the 1986 nuclear reactor disaster at Chernobyl in Russia, the ionizing radiation released was equivalent to 400 atomic bombs, with an estimated ultimate human toll of 10,000 deaths. Exposed Russians quickly developed blood cell micronuclei, leaving them at high risk for cancer.

What they wouldn't tell us

RF/microwaves from cell phones and cell tower transmitters also cause micronuclei damage in blood cells. This was reported a decade ago by Drs. Henry Lai and Narendrah Singh, biomedical researchers at the University of Washington in Seattle. Dr. Singh is famous for refining comet assay techniques used to identify DNA damage. Lai and Singh demonstrated in numerous animal studies that mobile phone radiation quickly causes DNA single and double strand breaks at levels well below the current federal "safe" exposure standards.²

The telecommunications industry knows this thanks to its own six-year, wireless technology research (WTR) study program mandated by Congress and completed in 1999. Gathering a team of over 200 doctors, scientists and experts in the field, WTR research showed that human blood exposed to cell phone radiation had a 300-percent increase in genetic damage in the form of micronuclei.³ Dr. George Carlo, a public health expert who coordinated the WTR studies, confirms that exposure to communications radiation from wireless technology is "potentially the biggest health insult" this nation has ever seen. Dr. Carlo believes RF/microwave radiation is a greater threat than cigarette smoking and asbestos. In 2000, European communications giant T-Mobile commissioned the German ECOLOG Institute to review all available scientific evidence in regard to health risks for wireless telecommunications. ECOLOG found over 220 peer-reviewed, published papers documenting the cancer-initiating and cancer-promoting effects of the high frequency radiation employed by wireless technology.⁴ Many corroborating studies have been published since.

By 2004, 12 research groups from seven European countries cooperating in the REFLEX study project confirmed that microwaves from wireless communications devices cause significant single and double strand DNA breaks in both human and animal cells under laboratory conditions.⁵ In 2005, a Chinese medical study confirmed statistically significant DNA damage from pulsed microwaves at cell phone levels.⁶ That same year, University of Chicago researchers described how pulsed communications microwaves alter gene expression in human cells at non-thermal exposure levels.⁷

Because gamma waves and RF/microwave radiation are identically carcinogenic and genotoxic to the cellular roots of life, the safe dose of either kind of radiation is zero. No study has proven that any level of exposure from cell-damaging radiation is safe for humans. Dr. Carlo confirms that cell damage is not dose dependant because any exposure level, no matter how small, can trigger damage response by cell mechanisms.⁸

Officials at the U.S. Food and Drug Administration and the National Institutes of Health closely reviewed the damning results of WTR studies, which also revealed microwave damage to the blood brain barrier. But these officials have chosen to downplay, obfuscate and even deny the irrepressible science of the day. Raking in billions from selling spectrum licenses, the feds have allowed the telecom industry to unleash demonstrably dangerous technology which induces

millions of people to become brain-intimate with improperly tested wireless devices⁹ and which saturates the nation with carcinogenic waves to service those devices. Dr. Carlo says that even the American Cancer Society is in bed with the communications industry, which infuses the Society with substantial contributions.¹⁰

Two ways to die

Medical science illustrates that there are two ways to die from radiation poisoning: Fast burn and slow burn. Nuclear flash-burned Japanese had parts of their flesh melt off before they died in agony within hours or days. People have also quickly died after walking through powerful radar beams, which can microwave-cook internal organs within seconds of exposure.

Slow-burn radiation mechanisms are cumulative, progressive, ongoing and continual. Thousands of Japanese nuke bomb victims died painfully years after exposure. The slow burn process of RF/microwave exposure is manifested by cancer clusters commonly found in communities irradiated by cell tower transmitters. Recent Swedish epidemiological studies confirm that, after 2,000 hours of cellular phone exposure, or a latency period of about 10 years, brain cancer risk rises by 240 percent.¹¹

Communications antennas now blast the human habitat with many different electromagnetic frequencies simultaneously. Human DNA hears this energetic cacophony loud and clear, reacting like the human ear would to high volume country music, R&B plus rock and roll screaming from the same speaker. Irradiated cells struggle to protect themselves against this destructive dissonance by hardening their membranes. They cease to receive nourishment, stop releasing toxins, die prematurely and spill micronuclei fragments into a sort of "tumor bank account." This is precisely how microwave radiation prematurely ages living tissues.

David O. Carpenter: Report on CCST Review of Health Effects of Smart Meters

<https://www.schoolmoldhelp.org/content/view/2145/65/>

Dr. David O. Carpenter, expert in public health and wireless technologies, reports negatively on the review of the California Council for Science and Technology's "Health Impacts of Radiofrequency from Smart Meters". Dr. Carpenter provides his expert opinion, "This document is not an accurate description of the state of the science on the issue of radiofrequency fields, and is full of inaccuracies", further noting it "is obvious that no persons with medical or biological expertise participated in this report." Dr. Carpenter's expert comments on the extensive dangers of smart meters are backed up with his specific concerns about the CCST report, with scientific realities and facts apparently not taken into consideration by the CCST. This confirms SMH comments on the CCST report. (SMH)

Click here to read the original, signed report by Dr. Carpenter as a pdf.

Institute for Health and the Environment
and Department of Environmental Health Sciences
School of Public Health

University at Albany, State University of New York

This is a report on the review of the California Council on Science and Technology document, "Health Impacts of Radiofrequency from Smart Meters". I am a public health physician and former Dean of the School of Public Health at the University at Albany. I have been involved in review and analysis of studies on electromagnetic fields, including radiofrequency fields, for many years. I served as the Executive Secretary to the New York State Powerlines Project in the 1980s, and have published several reviews on the subject and have edited two books. In addition I was invited to present to the recent President's Cancer Panel on the subject of powerline and radiofrequency fields and cancer.

This document is not an accurate description of the state of the science on the issue of radiofrequency fields, and is full of inaccuracies. My specific concerns are as follows:

1. The benefit of the smart meters is entirely to the utilities, and is economic in nature. If they install smart meters they can fire those individuals who at present are employed to go around reading meters. Thus this is a job-killing proposal, and will increase unemployment in a state that already has too much.
2. When a smart meter is installed residents have no choice in the matter nor ability to avoid exposure. But every individual has the option to use or not use other personal wireless devices, until more is known about health consequences of chronic RF exposure. There is a major difference between an exposure which an individual chooses to accept and one that is forced on individuals who can do nothing about it.
3. The statement "The potential for behavioral disruption from increased body tissue temperatures is the only biological health impact that has been consistently demonstrated and scientifically proven to result from absorbing RF within the band of the electromagnetic spectrum that smart meters use" is totally wrong. In the first place there are many adverse health effects other than "behavioral disruption" demonstrated as a result of tissue heating. The evidence for increased risk of brain tumors, acoustic neuromas and parotid gland tumors in individuals who have used a cell phone for 10 years or more is consistent, and the tumors occur only on the side of the head where the phone is used. There is also strong and consistent evidence for increased risk of leukemia in individuals who live near to high power AM radio transmission towers, even though this report characterizes such exposures as being "quite low" and show in Figure 7 that they are lower than the RF fields from smart meters.

4. The statement "The scientific consensus is that body temperatures must increase at least 1oC to lead to potential biological impacts from the heat" is totally wrong, and makes it obvious that no persons with medical or biological expertise participated in this report. Every enzyme system in the body is exquisitely sensitive to temperature, and increases activity by even a fraction of a degree increase in temperature. In fact all RF generates heat, and what is defined as "nonthermal" is only a function of our ability to measure the temperature increase.

5. The statement "While concerns of brain cancer associated with mobile phone usage persist, there is currently no definitive evidence linking cell phone usage with increased incidence of cancer" is incorrect. The evidence is strong and consistent among studies looking at long-term and intensive use of cell phones. The AM radio studies mentioned above are also relevant, particularly because like smart phones radio transmission towers give whole body radiation, not just to the head.

6. The statement "There currently is no conclusive scientific evidence pointing to a non-thermal cause-and-effect between human exposure to RF emissions and negative health impacts is inaccurate, and depends totally on what one defines as "conclusive". In biology and medicine there is nothing that is 100% proven. We rely on statistical significance and weight of evidence when drawing conclusions about health effects. When one uses these definitions there is conclusive scientific evidence for adverse health effects in humans.

7. The evidence for adverse effects of radiofrequency radiation is currently strong and grows stronger with each new study.