

For assistance with using ECFS, please contact the ECFS Help Desk at 202-418-0193 or via email at ECFSHelp@fcc.gov.

Filing Detail

Document Download
7022311409.pdf
7022311410.pdf
7022311411.pdf
7022311412.pdf
7022311413.pdf

ID	6017339125	Proceeding	ET 13-84
Name of Filer	cynthia edwards		
Type of Filing	COMMENT	Filing Status	DISSEMINATED
Viewing Status	Unrestricted	File Number	12-152
Exparte/Late Filed	N		
Total Pagecount	34		
Date Received	Feb 5, 2013	Date Posted	Feb 6, 2013
International Address	1985 Upland Dr. Ann Arbor, Mi 48105	ZIP	

For assistance with using ECFS, please contact the ECFS Help Desk at 202-418-0193 or via email at ECFSHelp@fcc.gov.

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of	)	
	)	
Notice of Proposed Rulemaking	)	
18 FCC Rcd 13187, 13188 ¶1 (2003)	)	ET Docket No. 03-137
	)	
And	)	
	)	
Service Rules for the Advanced Wireless Services	)	WT Docket No. 12-357
H Block---Implementing Section 6401 of the	)	
Middle Class Tax Relief and Job Creation Act of	)	
2012 Related to the 1915-1920 MHz and	)	
1995-2000 MHz Bands ¶53 footnote 95	)	

To: Office of the Secretary
Federal Communications Commission
Washington, DC 20554

Comment Filed by:
Cynthia Edwards
1985 Upland Dr.
Ann Arbor, MI
comfrey@earthlink.net
734-761-2036

Feb 5, 2013

AFFIDAVIT OF Cynthia Edwards

State of Michigan

County of Washtenaw

I, Cynthia Edwards, attest that my statements are true to the best of my knowledge.

Comment round for ET Docket No. 03-137 and WT Docket No. 12-357.

1. My name is Cynthia Edwards—. My address is 1985 Upland Dr. Ann Arbor MI 48105.

2. I work in retail sales and landscaping.

3. I am writing to comment on the existing FCC guidelines for smart meters because the radio frequencies coming from SmartMeters are making me sick, as they are many other people. Once the meters started being installed in my city in 2012, I began having trouble sleeping, developed a loud ringing in my ears, started feeling exhausted all the time, have experienced brain fog and an inability to concentrate, and my irregular heartbeat that had been under control suddenly was wildly irregular, and nothing has been able to stop it. This is terrifying because it predisposes me for a stroke or heart attack. All of this is putting my health and my life at risk. This is completely unacceptable and I want to know why my government is not protecting my life.

I am writing to demand that the FCC take responsibility for the mess it has allowed to happen and for putting my life at risk. I demand that the installation of smart meters and digital meters be stopped immediately until independent research can be done and ALL the research taken into account, not just that done by the industry.

Several people in my community have had to move out of their houses because of becoming so ill after the meters were installed. Many others are now constantly ill. People's blood pressures have spiked and they have had to go on medication to controll it. A young boy with juvenile diabetes, which had been completely under control, had his numbers spike into the danger zone. ALL OF THIS HAPPENED DIRECTLY AFTER SMART METERS WERE INSTALLED.

It is important to note that it is not only the RF smart meters but the digital meters that are causing these problems as well. And there seem to be no regulations regarding these meters at all. In Michigan , DTE is forcing the removal of analog meters and the installation of the digital meters, even if a person is opting out of the smart meter installation. Consumer's Energy is allowing analog meters to be retained so there is clearly no reason for DTE's absolute refusal to do this. THESE DIGITAL METERS ARE ALSO MAKING PEOPLE SICK AND NEED TO BE REGULATED.

There are as many as 8% of the population who are technically "electronically sensitive". The Americans With Disabilities Act recognizes

electronic sensitivity as a legitimate disability and yet smart meters and digital meters are making their lives a living hell. This means that the FCC standards are allowing a violation of the ADA. This cannot be allowed to continue.

Current FCC guidelines are based on physics and engineering rather than biological studies, which has nothing to do with the reality being faced by humans and other animals, birds, insects etc.

The guidelines currently used by the FCC were adopted in 1996, are thermally based, and are believed to protect against injury that may be caused by acute exposures that result in tissue heating or electric shock. FCC guidelines have a much lower certainty of safety than standards. Meeting the current FCC guidelines only assures that one should not have heat damage from SmartMeter exposure. It says nothing about safety from the risk of many chronic diseases that the public is most concerned about such as cancer, miscarriage, birth defects, semen quality, autoimmune diseases, etc. Therefore, when it comes to nonthermal effects of RF, FCC guidelines are irrelevant and cannot be used for any claims of SmartMeter safety unless heat damage is involved (Li, 2011).

There is no scientific literature on the health risks of SmartMeters in particular as they are a new technology. However, there is a large body of research on the health risks of EMFs. Much of the data is concentrated on cell phone usage and as SmartMeters occupy the same energy spectrum as cell phones and depending on conditions, can exceed the whole body radiation exposure of cell phones. In terms of health risks, the causal factor under study is RF radiation whether it be from cell phones, Wi-Fi routers, cordless phones, or SmartMeters. Therefore all available, peer-reviewed, scientific research data can be extrapolated to apply to SmartMeters, taking into consideration the magnitude and the intensity of the exposure.

Since the mid-1990's the use of cellular and wireless devices has increased exponentially exposing the public to massively increased levels of RF. There is however, debate regarding the health risks posed to the public given these increased levels of radiation. It must be noted that there is little basic science funding for this type of research and it is largely funded by industry. An intriguing divide, noted by Genuis, 2011 is that most research carried out by independent non-government or non-industry affiliated researchers suggests potentially serious effects from many non-ionizing radiation exposure. Research funded by industry and some governments seems to cast doubt on the potential for harm. Elements of the controversy stem from inability to replicate findings consistently in laboratory animal studies. However, analysis of many of the conflicting studies is not valid as the methodology used is not comparable. Despite this controversy, evidence is accumulating on the results of exposure to RF at non-thermal levels including increased permeability of the blood-brain barrier in the head (Eberhardt, 2008), harmful effects on sperm, double strand breaks in DNA which could lead to cancer genesis (Phillips, 2011), stress gene activation indicating an exposure to a toxin (Blank, 2011), and alterations in brain glucose metabolism (Volkow, 2011).

There are no current, relevant public safety standards for pulsed RF involving chronic exposure of the public, nor of sensitive populations, nor of people with metal and medical implants that can be affected both by localized heating and by electromagnetic interference (EMI) for medical wireless implanted devices. Many other countries (9) have significantly lower RF/MW exposure standards ranging from 0.001 to 50 $\sim$ W/cm² as compared with the US guideline of 200-1 000 $\sim$ W/cm². Note that these recommended levels are considerably lower than the approximately 600 $\sim$ W/cm² (time-averaged) allowed for the RFR from SmartMeters operating in the low 900 MHz band mandated by the FCC based on only thermal consideration. In summary, there is no scientific data to determine if there is a safe RF exposure level regarding its non-thermal effects. The question for governmental agencies is that given the uncertainty of safety, the evidence of existing and potential harm, should we err on the side of safety and take the precautionary avoidance measures?

The two unique features of SmartMeter exposure are: 1) universal exposure thus far because of mandatory installation ensuring that virtually every household is exposed; 2) involuntary exposure whether one has a SmartMeter on their home or not due to the already ubiquitous saturation of installation in every community. Governmental agencies for protecting public health and safety should be much more vigilant towards involuntary environmental exposures because governmental agencies are the only defense against such involuntary exposure.

My health and my life are in danger and I am asking the FCC to do the right thing –

- 1. Stop the use of SmartMeters and digital meters IMMEDIATELY until independent research is done and real safety standards can be created**
- 2. Require that power companies install shielding on every house and business to protect people from the RF they are now constantly exposed to.**
- 3. Require testing of both Smart Meters and digital meters on a variety of homes around the country and NOT IN A LABORATORY, so that the problems they are creating can be seen and understood where they are happening, in relation to the huge amount of RF coming from Cell towers, WiFi, portable phones, etc.**

Respectfully submitted by

Cynthia Edwards

1985 Upland Dr.

Ann Arbor, MI 48105

February 5, 2013

FCC 12-152

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of	)	
	)	
Notice of Proposed Rulemaking	)	
18 FCC Rcd 13187, 13188 ¶1 (2003)	)	ET Docket No. 03-137
	)	
And	)	
	)	
Service Rules for the Advanced Wireless Services	)	WT Docket No. 12-357
H Block---Implementing Section 6401 of the	)	
Middle Class Tax Relief and Job Creation Act of	)	
2012 Related to the 1915-1920 MHz and	)	
1995-2000 MHz Bands ¶53 footnote 95	)	

To: Office of the Secretary
Federal Communications Commission
Washington, DC 20554

Comment Filed by: Linda Kurtz
2150 Foss St
Ann Arbor, MI 48103
lindakinda@netzero.net
734-769-4241

February 3, 2013

AFFIDAVIT OF LINDA KURTZ

State of Michigan]

Washtenaw County]

I, Linda Kurtz, attest that the statements below are true to the best of my knowledge.

Comment round for ET Docket No. 03-137 and WT Docket No. 12-357.

1. My name is Linda Kurtz. My address is 2150 Foss St., Ann Arbor, MI 48103.
2. I am a massage therapist and editor.
3. I am submitting this testimony on behalf of Cynthia Edwards, who submitted testimony in Michigan Public Service Commission Case U-17053.

4. Ms. Edwards has suffered health consequences as a result of living and working in a city with wireless smart meters.

QUALIFICATIONS OF Cynthia Edwards

1 **Q. Do you swear that the testimony you are about to give is the truth, the whole truth,**
2 **and nothing but the truth?**

3 A. I do.

4 **Q. Please state your name, address and contact information.**

5 A. Cynthia Edwards. 1985 Upland Drive, Ann Arbor, MI 48105. 734-761-2036

6 **Q. On whose behalf are you testifying?**

7 A. That of Intervenor Cynthia Edwards.

8 **Q. What are your qualifications to testify?**

9 A. I take my electric service from Detroit Edison. I have been affected by the smart meter
10 installation in the community in terms of my health

DIRECT TESTIMONY OF Cynthia Edwards

1 **Q. What is the purpose of your testimony?**

2 A. To provide information that may help the Commission in determining whether smart and
3 digital meters create certain kinds of economic, medical, social, or other harm or hardship,
4 as outlined in Intervenor Cynthia Edwards Petition for Intervention, to some or all persons
5 such that Detroit Edison and the Commission must not require those who are or who are
6 likely to be so harmed to have a smart or digital meter placed on their home or place of
7 business or to be otherwise deprived of rights and liberties, as outlined in Intervenor
8 Edwards Petition for Intervention, by the deployment of the advanced metering
9 infrastructure, smart meters, or digital meters, and, in the alternative, that such persons
10 must be able to avoid such harm to their person and property without being charged a fee.

11 **Q. How long have you lived at your current residence?**

12 A. March 31,2012.

13 **Q. What do you do for a living?**

14 A. I have worked at Recreational Equipment Inc. since 2008. I also have been a landscape
15 gardener for 35 years, and am a receptionist at Jessica's Apothecary and Spa

16 **Q. Do you have a smart meter on your home?**

17 A. No

18 **Q. When as the first time you learned about smart meters?**

19 A. I saw a magazine article sometime in 2011 talking about improving the electric grid which
20 mentioned smart meters, and also talked about how they were going to save energy and
21 reduce energy consumption, of which I am very in favor of.

22 **Q. So prior to reading this article, you knew nothing about smart meters?**

23 A. No.

24 **q. Did you have any concerns about smart meters at that time?**

25 A. No. They seemed like a great idea.

26 **Q. Why did you become concerned about smart meters?**

27 A. I received an email from a friend with information saying there were health problems
28 associated with smart meters and there were issues that the electric companies weren't
29 addressing, but I didn't pursue looking into it. I forgot about it until I received a letter from
30 DTE saying a smart meter was going to be installed on my house within a few weeks.
31 Because I had heard more negative information in the meantime, and I was becoming
32 concerned, I attended a talk at a bookstore in Ann Arbor a few weeks later, which presented

1 information on the health impact of smart meters and radio frequencies. I became very
2 concerned for my health and decided to learn more.

3 **Q. What did you do then?**

4 A. I called DTE to say I didn't want a smart meter and had a 45 min argument on the phone
5 with a customer service person. The assured me there were no problems with the meters
6 and said there was nothing I could do to stop the installation even if my doctor said I
7 shouldn't have one because of my health issues. I then sent a certified letter to DTE saying
8 not to install a smart meter on my house because I had health issues that it would
9 negatively impact and locked my meter. I then called a Mrs. Curtis at DTE and discussed
10 the situation. She told me she would put me on an "opt-out" list, but that the details of that
11 were yet to be decided. This was in mid-late June.

12 **Q. What are the health issues you refer to?**

13 A. I have a compromised immune system and digestive system, an irregular heartbeat, and
14 have had fatigue and sleep issues. I have hypothyroidism which I take medication for. I
15 have worked hard and at great expense for many years to build my health and strength so
16 that I can function normally in the world. My doctor said it would not be safe for me to
17 have a smart meter on my house. She also told me to limit my exposure to all radio
18 frequency devices.

19 **Q. Have you noticed any effects from smart meters?**

20 A. When I go into buildings with smart meters I experience heart palpitations, tightness in my
21 chest and head, headaches, mental confusion, my ears ring at a very high level

22 **Q. How do you know it is smart meters and not something else?**

23 A. Before the installations of smart meters in Ann Arbor, my health symptoms were minor and
24 under control. I was doing hard physical labor without problems. Late this spring I started
25 having an increase in heart issues, increased fatigue, and cognitive issues with memory and
26 fuzzy thinking at work. And I started having headaches, which I rarely ever had. This was
27 all before I knew anything about smart meters and their impact. My symptoms have
28 increased steadily since then from exposure outside of my house. So I am extremely
29 worried about a smart meter being installed on my house and these symptoms becoming
30 worse. From what I have researched, the physical impact is cumulative and does not just go
31 away, but continues to degrade health.

32 **Q. Have you had sensitivity to any other electrical or wireless devices other than smart
33 meters?**

34 A. I have always been negatively impacted by fluorescent lights, which cause me to feel
35 fatigued. With what I have learned about radio frequencies I think I am impacted by radio
36 phones and just never made the connection to what I was experiencing.

Q. Have the health effects you experience as a result of smart meters affected your ability to work and earn a living? If the answer is yes, describe how.

A. Not in a big way yet. I do notice I am a lot more tired now that there are smart meters in my work place and virtually everywhere I go. I have had to call in sick several times since spring with terrible headaches as well. If my symptoms increase I could be at risk of losing my job and not having the energy to do physical labor.

Q. Have the health effects you experience as a result of smart meters affected your ability to interact socially with others? If the answer is yes, describe how.

A. Somewhat. I find I don't enjoy going out any more because I am feeling the impact of the meters and just don't want to be exposing myself to the damage it is doing.

Q. Have the health effects you experience as a result of smart meters affected your ability to access public services, such as the public library, government offices? If the answer is yes, describe how.

A. Yes. I can't stay in the library for very long as my heart starts acting up and my head gets tight, sometimes I get a headache, and my thinking gets fuzzy.

Q. Have the health effects you experience as a result of smart meters affected your ability to freely assemble outside? If the answer is yes, describe how.

A. No.

Q. Have the health effects you experience as a result of smart meters affected your ability to access religious or spiritual services? If the answer is yes, describe how.

A. Yes, when I go to a place with a smart meter because of the physical impact. I don't want to be there because I don't feel well.

Q. Have the health effects you experience as a result of smart meters affected your ability to freely access health services? If the answer is yes, describe how.

A. I notice the impact but I go anyhow, because what else can I do?

Q. DTE has asked the Commission for approval of a plan that would not allow anyone to keep their analog meter. Instead, those choosing to opt out of smart meter installation, if an opt-out is instituted, will be forced to take a 3-watt digital meter on their house. Have you had experience with the 3-watt digital meter?

A. Yes.

Q. What was that experience like?

A. I was recently in a house with the 3-watt digital meter. After I had been there a while my heart began pounding, my head felt buzzy and very tight, and my ears were ringing very loudly. I took my blood pressure and it was 145 over 75. Because I have chronically low blood pressure (often less than 100) this was quite alarming. The woman who lives there

1 had also been experiencing severe problems which included increased blood pressure. If
2 the same meter was installed on my house I would be in big trouble.

3 Q. Do you have anything else to say regarding smart meters?

4 A Yes. I don't want to have to pay for something that is endangering my health. If these meters
5 have to be installed then I expect DTE to install mitigation devices to protect me from the
6 negative impacts. If I'm to have no choice then DTE has to bear the cost of protecting me.

1 Respectfully submitted,

2
3
4
5
6
7
8
9

Linda Kurtz
2150 Foss St
Ann Arbor, MI 48103
lindakinda@netzero.net
734-769-4241

February 3, 2013

For assistance with using ECFS, please contact the ECFS Help Desk at 202-418-0193 or via email at ECFSHelp@fcc.gov.

Filing Detail

Document Download	
7022311206.pdf	
7022311207.pdf	
7022311208.pdf	
7022311209.pdf	Testimony of Cynthia Edwards

ID	6017338983	Proceeding	ET 13-84
Name of Filer	Linda Kurtz		
Type of Filing	COMMENT	Filing Status	DISSEMINATED
Viewing Status	Unrestricted	Exparte/Late Filed	N
Total Pagecount	58		
Date Received	Feb 3, 2013	Date Posted	Feb 4, 2013
Address	2150 Foss St	City	Ann Arbor
State	MI	ZIP	48103

For assistance with using ECFS, please contact the ECFS Help Desk at 202-418-0193 or via email at ECFSHelp@fcc.gov.