

20-1025 (Lead); 20-1138 (Consolidated)

**UNITED STATES COURT OF APPEALS
FOR THE DISTRICT OF COLUMBIA CIRCUIT**

ENVIRONMENTAL HEALTH TRUST; CONSUMERS FOR SAFE CELL
PHONES; ELIZABETH BARRIS; THEODORA SCARATO

CHILDREN'S HEALTH DEFENSE; MICHELE HERTZ; PETRA BROKKEN;
DR. DAVID O. CARPENTER; DR. PAUL DART; DR. TORIL H. JELTER; DR.
ANN LEE; VIRGINIA FARVER, JENNIFER BARAN; PAUL STANLEY, M.Ed.
Petitioners

v.

FEDERAL COMMUNICATIONS COMMISSION;
UNITED STATES OF AMERICA
Respondents

Petition for Review of Order Issued by the
Federal Communications Commission

DEFERRED JOINT APPENDIX**VOLUME 24**

Edward B. Myers
Law Office of Edward B. Myers
14613 Dehaven Court
North Potomac, MD 20878
Phone: 717-752-2032
edwardbmyers@yahoo.com

Counsel for Petitioners 20-1025

Robert F. Kennedy, Jr.
Children's Health Defense
1227 North Peachtree Pkwy #202
Peachtree City, GA 30269
Phone: 845-377-0211
rfk.fcc@childrenshealthdefense.org

W. Scott McCollough
McCollough Law Firm, P.C.
2290 Gatlin Creek Rd.
Dripping Springs, TX 78620
Phone: 512-888-1112
wsmc@dotlaw.biz

Counsel for Petitioners 20-1138

INDEX TO DEFERRED APPENDIX

Tab No.	JA Page Nos.	Date	Filer/Author	Filing/Attachment Description
VOLUME 1 – Tabs 1-2				
COMMISSION ORDER AND NOTICE OF INQUIRY				
1	1-160	Dec. 4, 2019	FCC	<i>Resolution of Notice of Inquiry Order</i>
2	161-363	Mar. 29, 2013	FCC	<i>Notice of Inquiry</i>
VOLUME 2 – Tabs 3 – 7 Part 1				
COMMENTS AND OTHER FILINGS				
3	364-428	Sep. 3, 2013	CTIA-The Wireless Association	FCC; Comments of the CTIA - The Wireless Association, ET Docket No. 13-84
4	429-467	Nov 18, 2013	CTIA-The Wireless Association	FCC; Reply Comments of the CTIA - The Wireless Association, ET Docket No. 13-84
5	468-572	Sep. 3, 2013	Mobile Manufacturers Forum	FCC; Mobile Manufacturers Forum Comments, ET Docket No. 13-84
6	573-588	Nov. 18, 2013	Mobile Manufacturers Forum	FCC; Mobile Manufacturers Forum Reply Comments, ET Docket No. 13-84

INDEX TO DEFERRED APPENDIX

Tab No.	JA Page Nos.	Date	Filer/Author	Filing/Attachment Description
7 Part 1	589-764	Sep. 16, 2019	Joel M. Moskowitz PhD	Research Compilation; Abstracts of over 2,100 studies published between 1990 - 2017; Prof. Henry Lai. (Tab 7 Part 1)
VOLUME 3 – Tab 7 Part 2				
7 Part 2	765-1164	Sep. 16, 2019	Joel M. Moskowitz PhD	Research Compilation; Abstracts of over 2,100 studies published between 1990 - 2017; Prof. Henry Lai.(Tab 7 Part 2)
VOLUME 4 – Tab 7 Part 3				
7 Part 3	1165-1564	Sep. 16, 2019	Joel M. Moskowitz PhD	Research Compilation; Abstracts of over 2,100 studies published between 1990 - 2017; Prof. Henry Lai.(Tab 7 Part 3)
VOLUME 5 – Tabs 7 Part 4 – 8 Part 1				
7 Part 4	1565-1602	Sep. 16, 2019	Joel M. Moskowitz PhD	Research Compilation; Abstracts of over 2,100 studies published between 1990 - 2017; Prof. Henry Lai.(Tab 7 Part 4)
8 Part 1	1603-1964	Sep. 13, 2019	Joel M. Moskowitz PhD	Research Compilation; Abstracts of Over 600 Studies Published Between August 2016- August 2019, Dr. Joel Moskowitz; 2019 (Tab 8 Part 1)

INDEX TO DEFERRED APPENDIX

VOLUME 6 – Tabs 8 Part 2 - 10				
8 Part 2	1965-2130	Sep. 13, 2019	Joel M. Moskowitz PhD	Research Compilation; Abstracts of Over 600 Studies Published Between August 2016- August 2019, Dr. Joel Moskowitz; 2019 (Tab 8 Part 2)
9	2131-2142	Sep. 28, 2016	Gary C. Vesperman	Research Compilation; Abstracts of 15 New Studies, Dr. Joel Moskowitz PhD, 2016
10	2143-2378	Jul. 7, 2016	Environmental Health Trust	Research Compilation; Studies and Documents; City of Pinole, CA
VOLUME 7 – Tabs 11 – 13 Part 1				
11	2379-2389	Jul. 7, 2016	Environmental Health Trust	US Exposures Limits - A History of Their Creation, Comments and Explanations; Eng. Lloyd Morgan
12	2390-2439	Aug. 26, 2016	Heidi M. Lumpkin	Biosystem & Ecosystem; Birds, Bees and Mankind: Destroying Nature by ‘Electrosmog’: Effects of Mobile Radio and Wireless Communication. Dr. Ulrich Warnke, Ph.D., 2007
13 Part 1	2440-2778	Jul. 13, 2016	Parents for Safe Technology	Cancer; IARC Monograph: Non-Ionizing Radiation Part 2: RF EMFs, 2013 (Tab 13 Part 1)
VOLUME 8 – Tabs 13 Part 2 - 23				
13 Part 2	2779-2920	Jul. 13, 2016	Parents for Safe Technology	Cancer; IARC Monograph: Non-Ionizing Radiation Part 2: RF EMFs, 2013 (Tab 13 Part 2)

INDEX TO DEFERRED APPENDIX

14	2921-2927	Nov. 18, 2013	Kevin Mottus	Cancer; IARC Press Release: IARC Classifies RF EMFs As Possibly Carcinogenic to Humans, 2011
15	2928-3002	Jul. 11, 2016	Environmental Health Trust	NTP; Report of Partial Findings from the National Toxicology Program Carcinogenesis Studies of Cell Phone Radiofrequency Radiation in Hsd: Sprague Dawley® SD rats (Whole Body Exposures); Draft 5-19-2016
16	3003-3009	Oct. 1, 2018	Environmental Health Trust	NTP; Commentary on the utility of the National Toxicology Program study on cell phone radiofrequency radiation data for assessing human health risks despite unfounded criticisms aimed at minimizing the findings of adverse health effects. Environmental Research. Dr. Ron Melnick; 2019
17	3010-3036	Apr. 16, 2018	Theodora Scarato	NTP; Dr. Hardell and Dr. Carlsberg letter to the NTP, NIH, DHHS, NTP Technical Report On The Toxicology And Carcinogenesis Studies; Mar. 12, 2018
18	3037-3048	Oct. 1, 2018	Environmental Health Trust	Cancer-NTP; Cancer epidemiology update, following the 2011 IARC evaluation of radiofrequency electromagnetic fields; (Miller et al); 2018
19	3049-3055	Oct. 18, 2018	Joel M. Moskowitz, Ph.D.	Cancer-NTP; The Significance of Primary Tumors in the NTP Study of Chronic Rat Exposure to Cell Phone Radiation. IEEE Microwave Magazine. Prof. James C. Lin; 2019

INDEX TO DEFERRED APPENDIX

20	3056-3065	Aug. 27, 2013	Cindy Sage and David O. Carpenter	BioInitiative Comments
21	3066-3080	Nov. 18, 2013	Kevin Mottus	BioInitiative; 2012 Conclusions
22	3081-3126	Nov. 18, 2013	Kevin Mottus	BioInitiative; Section 24: Key Scientific Evidence and Public Health Policy Recommendations; 2012
23	3127-3146	Jul. 11, 2016	Cecelia Doucette	BioInitiative; Section 1: Summary for the Public (2014 Supplement)
VOLUME 9 – Tabs 24-27				
24	3147-3218	Sep. 30, 2016	Catherine Kleiber	BioInitiative-Modulation; Section 15: Evidence for Disruption by Modulation Role of Physical and Biological Variables in Bioeffects of Non-Thermal Microwaves for Reproducibility, Cancer Risk and Safety Standards, (2012 Supplement)
25	3219-3319	Sep. 3, 2013	Kevin Mottus	BioInitiative; Section 20, Findings in Autism, Consistent with Electromagnetic Fields (EMF) and Radiofrequency Radiation (RFR); 2012
26	3320-3321	Sep. 16, 2019	Joel Moskowitz PhD.	BioInitiative-Neurological; Percent Comparison, Effect vs No Effect in Neurological Effect Studies; 2019
27	3322-3559	Sep. 16, 2019	Joel Moskowitz PhD.	BioInitiative-Neurological; Research Summaries, RFR Neurological Effects (Section 8), 2007-2017; 2017

INDEX TO DEFERRED APPENDIX

VOLUME 10 – Tabs 28-41				
28	3560-3561	Sep. 16, 2019	Joel M. Moskowitz PhD.	BioInitiative-Mechanisms of Harm; Percent Comparison Showing Effect vs No Effect, DNA (Comet Assay), 2017 and Free Radical (Oxidative Stress), 2019
29	3562-3602	Sep. 16, 2019	Joel M. Moskowitz PhD.	BioInitiative-Mechanisms of Harm; Research Summaries, DNA (Comet Assay) Studies; 76 Studies, 2017
30	3603-3721	Sep. 16, 2019	Joel M. Moskowitz PhD.	BioInitiative-Mechanisms of Harm; Research Summaries, Free Radicals (Oxidative Stress Effects), 225 studies, 2019
31	3722-3749	Apr. 11, 2014	Cindy Sage, MA	BioInitiative Working Group; Preliminary Opinion on Potential Health Effects of Exposure to Electromagnetic Fields (EMF); 2014
32	3750-3755	Sep. 16, 2019	Bioinitiative Working Group	BioInitiative Working Group; Consistent Failure to Identify the Potential for Health Effects (Exhibit A); 2014
33	3756-3766	Sep. 14, 2019	Bioinitiative Working Group	BioInitiative Working Group; Reference List for Important Fertility and Reproduction Papers (Exhibit C); 2014
34	3767-3771	Apr. 14, 2019	Cindy Sage	BioInitiative Working Group; Mitochondrial Dysfunction and Disruption of Electrophysiology (Exhibit G); 2014

INDEX TO DEFERRED APPENDIX

35	3772-3779	Apr. 14, 2019	Cindy Sage, MA	BioInitiative Working Group; Epidemiological Studies, RF fields epidemiology, Comments by Drs. Lennart Hardell, Fredrik Soderqvist PhD. and Michael Carlberg, MSc. Section 3.5.1.1 Epidemiological Studies (Exhibit B); 2014
36	3780-3874	Apr 11, 2014	Cindy Sage, MA	BioInitiative Working Group; An Update on the Genetic Effects of Nonionizing Electromagnetic Fields by Prof. Henry Lai PhD; (Exhibit E); 2014
37	3875-3896	Apr. 11, 2014	Cindy Sage, MA	BioInitiative Working Group; An Update on Physical and Biological Variables, Cancer and Safety Standards by Prof. Igor Belyaev Dr. Sc., (Exhibit F); 2014
38	3897-3904	Sep. 30, 2016	Maria Powell	BioInitiative Co-Editor; Human Health Effects of EMFs: The Cost of Doing Nothing. IOPScience. (Prof. David Carpenter MD.); 2010
39	3905-3919	Sep. 28, 2016	Kevin Mottus	BioInitiative Author; Statement of Prof. Martin Blank PhD., PhD.; 2016
40	3920-3945	Aug 27, 2013	Sage Hardell Herbert	BioInitiative Authors; Prof. Lennart Hardell MD. PhD., Prof. Martha Herbert MD. PhD. and Cindy Sage Comments
41	3946-3984	Aug. 26, 2013	B. Blake Levitt & Henry Lai	BioInitiative Author; Prof. Henry Lai PhD, and Blake Levitt Comments

INDEX TO DEFERRED APPENDIX

VOLUME 11 – Tabs 42-59				
42	3985-4072	Sep. 3, 2013	Paul Dart MD	Dr. Paul Dart MD. (Petitioner) Comments
43	4073-4102	Feb. 4, 2013	Dr. Andrew Goldsworthy	The Biological Effects of Weak Electromagnetic Fields, Problems and Solutions, Prof. Andrew Goldsworthy; 2012
44	4103-4106	Sep. 4, 2013	Richard Meltzer	Dr. Richard Meltzer Comments, Radio Frequency (RF) Exposure: A Cautionary Tale
45	4107-4112	Feb. 6, 2013	Donald R. Maisch	Dr. Donald R. Maisch PhD. Comments
46	4113-4129	Nov. 18, 2013	Catherine Kleiber	Biological Effects from RF Radiation at Low-Intensity Exposure, based on the BioInitiative 2012 Report, and the Implications for Smart Meters and Smart Appliances; Dr. Ron M. Powell, PhD.; 2013
47	4130-4137	Aug. 20, 2013	Lawrence James Gust	Eng. Lawrence James Gust Comments
48	4138-4146	Feb. 25, 2013	Michael Schwaebe	Eng. Michael Schwaebe Comments
49	4147-4178	Mar. 18, 2015	Environmental Working Group	Organizations; Environmental Working Group Reply Comments
50	4179-4195	Nov. 18, 2013	Nina Beety	Nina Beety Comments

INDEX TO DEFERRED APPENDIX

51	4196-4206	Sep. 16, 2019	Joel Moskowitz PhD.	Organizations; EMF Scientist Appeal, International Scientists' Appeal to the United Nations; 2015
52	4207-4217	Apr. 5, 2018	NancyD	Organizations; 5G Appeal, Scientist Appeal to the EU, Scientists Warn of Potential Serious Health Effects of 5G; 2017
53	4218-4240	Jun. 7, 2017	Environmental Health Trust	Organizations; Medical Doctors and Public Health Organizations: Consensus Statements and Doctors' Recommendations on Cell Phones/Wireless; 2017
54	4241-4244	Sep. 27, 2016	Kevin Mottus	Organizations; Council of Europe, Résolution 1815, The Potential Dangers of Electromagnetic Fields and Their Effect on the Environment; 2011
55	4245-4257	Feb. 5, 2013	Gilda Oman	Organizations; Council of Europe, Parliamentary Assembly Report: The potential dangers of electromagnetic fields and their effect on the environment; 2011
56	4258-4293	Jul. 11, 2016	Environmental Health Trust	Organizations - Radiation Sickness; European Academy for Environmental Medicine, EUROPAEM EMF Guideline 2015 for the prevention, diagnosis and treatment of EMF-related health problems and illnesses; 2015

INDEX TO DEFERRED APPENDIX

57	4294-4305	Feb. 5, 2013	David Mark Morrison	Organizations; Scientific Panel on Electromagnetic Field Health Risks: Consensus Points, Recommendations, and Rationales, Scientific Meeting: Seletun, Norway. Reviews on Environmental Health; (Fragopoulou, Grigoriev et al); 2010
58	4306-4361	Aug. 30, 2013	EMF Safety Network	Organizations; EMF Safety Network Comments
59	4362-4374	Jul 7, 2016	Environmental Health Trust	Organizations - Russian Government; Electromagnetic Fields From Mobile Phones: Health Effect On Children And Teenagers Resolution Of Russian National Committee On Nonionizing Radiation Protection April 2011, Moscow
VOLUME 12 – Tabs 60 – 68 Part 1				
60	4375-4482	Jul 7, 2016	Environmental Health Trust	Organizations - Cyprus Government; Neurological and behavior effects of Non-Ionizing Radiation emitted from mobile devices on children: Steps to be taken ASAP for the protection of children and future generations. Presentation Slides; 2016
61	4483-4531	Nov. 18, 2013	Kevin Mottus	Organizations; Austrian Medical Association, Environmental Medicine Evaluation of Electromagnetic Fields; Dr. Jerd Oberfeld MD.; 2007
62	4532-4534	Jul. 11, 2016	Environmental Health Trust	Organizations; The American Academy of Pediatrics, Letter to the FCC; 2013

INDEX TO DEFERRED APPENDIX

63	4535-4540	Sep. 29, 2016	Kevin Mottus	Organizations; California Medical Association, House of Delegates Resolution Wireless Standards (Resolution 107 - 14); 2014
64	4541-4543	Sep. 3, 2013	Grassroots Environmental Education, Inc. o/b/o American Academy of Environmental	Organizations; American Academy of Environmental Medicine, Letter to the Federal Communications Commission; 2013
65	4544-4561	Sep. 29, 2016	Kevin Mottus	Organizations - Radiation Sickness; Austrian Medical Association, Guidelines for the Diagnosis and Treatment of EMF Related Health Problems and Illnesses (EMF Syndrome); 2011
66	4562-4590	Sep. 28, 2016	Kevin Mottus	Organizations; International Association of Fire Fighters, Position on the Health Effects from Radio Frequency/Microwave Radiation in Fire Department Facilities from Base Stations for Antennas and Towers; 2004
67	4591-4599	Sep. 28, 2016	Kevin Mottus	Organizations; Cities of Boston and Philadelphia Reply Comments
68 Part 1	4600-4800	Sep. 3, 2013	Environmental Working Group	Organizations; Appeal to the FCC Signed by 26,000 People and Organized by the Environmental Working Group, 2013 (Tab 68 Part 1)

INDEX TO DEFERRED APPENDIX

VOLUME 13 – Tabs 68 Part 2 - 76				
68 Part 2	4801- 5171	Sep. 3, 2013	Environmental Working Group	Organizations; Appeal to the FCC Signed by 26,000 People and Organized by the Environmental Working Group, 2013 (Tab 68 Part 2)
69	5172- 5186	Aug. 25, 2016	Kevin Mottus	Organizations; Freiburger Appeal - Doctors Appeal; 2002
70	5187- 5191	Sep. 3, 2013	Grassroots Environmental Education, Inc.	Organizations; Benevento Resolution, The International Commission for Electromagnetic Safety (ICEMS), 2006
71	5192- 5197	Jul. 18, 2016	Environmental Health Trust	Organizations; The Porto Alegre Resolution; 2009
72	5198- 5204	Feb. 6, 2013	Kevin Mottus	Organizations; Kaiser Permanente, Letter from Dr. De-Kun Li, Division of Research
73	5205- 5210	Sep. 3, 2013	American Association For Justice	Organizations; American Association for Justice, Comments
74	5211- 5219	Feb. 6, 2013	Jonathan Libber	Organizations; Maryland Smart Meter Awareness, Comments (filed by Jonathan Libber)
75	5220- 5228	Feb. 6, 2013	Electromagnetic Safety Alliance	Organizations; Electromagnetic Safety Alliance, Comments

INDEX TO DEFERRED APPENDIX

76	5229-5241	Sep. 29, 2016	Ed Friedman	Organizations; Wildlife and Habitat Conservation Solutions; What We Know, Can Infer, and Don't Yet Know about Impacts from Thermal and Non-thermal Non-ionizing Radiation to Birds and Other Wildlife. Dr. Albert M. Manville, PhD.; 2016
VOLUME 14 – Tabs 77-96				
77	5242-5258	Sep. 30, 2016	Catherine Kleiber	Mechanisms of Harm; Meta-Analysis, Oxidative mechanisms of biological activity of low-intensity radiofrequency radiation. Electromagn Biol Med (Yakymenko et al); 2016
78	5259-5269	Sep 3, 2013	Monnie Ramsell	Mechanisms of Harm; Blood Brain Barrier; Increased Blood–Brain Barrier Permeability in Mammalian Brain 7 Days after Exposure to the Radiation from a GSM-900 Mobile Phone. Pathophysiology (Nittby, Salford et al); 2009
79	5270-5286	Sep. 3, 2013	Paul Dart MD.	Mechanisms of Harm; DNA Damage; Microwave RF Interacts with Molecular Structures; Dr. Paul Dart MD.; 2013
80	5287-5303	Sep. 3, 2013	The EMR Policy Institute	Medical Treatments & Modulation; Treatment of advanced hepatocellular carcinoma with very low levels of amplitude-modulated electromagnetic fields. British Journal of Cancer. (Costa et al); 2011

INDEX TO DEFERRED APPENDIX

81	5304-5306	Sep. 3, 2013	The EMR Policy Institute	Medical Treatments & Modulation; Treating cancer with amplitude-modulated electromagnetic fields: a potential paradigm shift, again? British Journal of Cancer. (Dr. Carl Blackman); 2012
82	5307-5309	Feb. 8, 2013	Alan Frey	Modulation; Dr. Alan Frey PhD., Comments, Feb. 7, 2013
83	5310-5319	Jul. 11, 2016	Environmental Health Trust	Modulation; Real Versus Simulated Mobile Phone Exposures in Experimental Studies. Biomed Res Int. (Prof. Panagopoulos et al); 2015
84	5320-5368	Sep. 16, 2019	Joel M. Moskowitz, PhD	Neurological; Book Chapter, A Summary of Recent Literature (2007-2017) on Neurological Effects of Radiofrequency Radiation, Prof. Lai; 2018 Referenced 122 Studies.
85	5369-5412	Sep. 28, 2016	Kevin Mottus	Neurological - Report; Evidence of Neurological effects of Electromagnetic Radiation: Implications for degenerative disease and brain tumour from residential, occupational, cell site and cell phone exposures. Prof. Neil Cherry; 225 scientific references. 2002
86	5413-5415	Sep 3, 2013	Kevin Mottus	Neurological; The effects of mobile-phone electromagnetic fields on brain electrical activity: a critical analysis of the literature. Electromagn Biol Med. (Marino et al) (Abstract); 2009

INDEX TO DEFERRED APPENDIX

87	5416-5435	Nov. 18, 2013	Kevin Mottus	Autism and EMF? Plausibility of a pathophysiological link. Pathophysiology, Part I. (Herbert et al); 2013
88	5436-5460	Nov. 18, 2013	Kevin Mottus	Autism and EMF? Plausibility of a pathophysiological link. Pathophysiology, Part II. (Herbert et al); 2013
89	5461-5486	Sep. 3, 2013	Kevin Mottus	Fertility; Research Abstracts, List of References Reporting Fertility and/or Reproduction Effects from Electromagnetic Fields and/or Radiofrequency Radiation (66 references)
90	5487-5499	Sep. 3, 2013	Paul Dart MD	Fertility; Effects of Microwave RF Exposure on Fertility, Dr. Paul Dart MD. (Petitioner); 2013
91	5500-5506	Sep. 3, 2013	Paul Dart MD	Hormonal; RF and Hormones, Alterations in Hormone Physiology; Dr. Paul Dart MD. (Petitioner); 2013
92	5507-5514	Feb. 7, 2013	Toni Stein	Prenatal & Children; Fetal Radiofrequency Radiation Exposure From 800-1900 Mhz-Rated Cellular Telephones Affects Neurodevelopment and Behavior in Mice. Scientific Reports. (Aldad, Taylor et al); 2012
93	5515-5518	Jul. 7, 2016	Environmental Health Trust	Prenatal & Children; Fetal Exposures and Cell Phones. Studies List. Prof. Hugh Taylor MD.; 2015

INDEX TO DEFERRED APPENDIX

94	5519-5553	Jul. 13, 2016	Parents for Safe Technology	Prenatal and Children; Fetal Cell Phone Exposure: How Experimental Studies Guide Clinical Practice, Hugh S. Taylor MD. PhD., Chair of Obstetrics, Gynecology and Reproductive Sciences, Yale School of Medicine
95	5554-5559	Sep. 3, 2013	Dr. Suleyman Kaplan	Prenatal & Children; Dr. Suleyman Kaplan Comments
96	5560-5614	Nov. 18, 2013	Kevin Mottus	Prenatal & Children; Amended Declaration of Dr. David O. Carpenter MD. (Dec. 20, 2011); <i>Morrison et al v. Portland Schools</i> , No. 3:11-cv-00739-MO (U.S.D.C. Oregon, Portland Div.)
VOLUME 15 – Tabs 97-101				
97	5615-5712	Sep. 28, 2016	Kevin Mottus	Prenatal & Children; Doctors and Scientists Letters on Wi-Fi in Schools
98	5713-5895	Jul. 11, 2017	Environmental Health Trust	Dr. Devra Davis PhD., President of Environmental Health Trust (Petitioner) Comments
99	5896-5993	Jun. 7, 2017	Environmental Health Trust	Children; Letter to Montgomery County Schools, Prof. Martha Herbert MD., PhD.; 2015
100	5994-6007	Apr. 29, 2019	Environmental Health Trust	Neurological - Children; A Prospective Cohort Study of Adolescents' Memory Performance and Individual Brain Dose of Microwave Radiation from Wireless Communication. Environ Health Perspect. (Foerster et al); 2018

INDEX TO DEFERRED APPENDIX

101	6008-6014	Sep. 28, 2016	Kevin Mottus	Prenatal & Children; Cell phone use and behavioral problems in young children. J Epidemiol Community Health. (Divan et al); 2012
VOLUME 16 - Tabs 102-126				
102	6015-6026	Jul. 7, 2016	Environmental Health Trust	Prenatal & Children; “Cell Phones & WiFi – Are Children, Fetuses and Fertility at Risk?”; 2013
103	6027-6060	Jul. 7, 2016	Environmental Health Trust	Prenatal & Children; Safe Schools 2012, Medical and Scientific Experts Call for Safe Technologies in Schools
104	6061-6067	Sep. 3, 2013	Kevin Mottus	Prenatal & Children - Stem Cells; Microwaves from Mobile Phones Inhibit 53BP1 Focus Formation in Human Stem Cells More Strongly Than in Differentiated Cells: Possible Mechanistic Link to Cancer Risk. Environmental Health Perspectives (Markova, Belyaev et al); 2010
105	6068-6069	Sep. 26, 2016	Angela Tsaing	Radiation Sickness - Children; Angela Tsiang Comments
106	6070-6071	Mar. 5, 2013	Abigail DeSesa	Radiation Sickness - Children; Abigail DeSesa Comments
107	6072-6111	Sep. 28, 2016	Kevin Mottus	Cell Towers - Research Abstract Compilation; 78 Studies Showing Health Effects from Cell Tower Radio Frequency Radiation; 2016
108	6112-6122	Sep. 3, 2013	Paul Dart MD	Cell Towers; Consequences of Chronic Microwave RF Exposure, Dr. Paul Dart MD. (Petitioner)

INDEX TO DEFERRED APPENDIX

109	6123-6132	Jul. 11, 2016	Environmental Health Trust	Cell Towers - Cancer; Meta-Analysis, Long-Term Exposure To Microwave Radiation Provokes Cancer Growth: Evidences From Radars And Mobile Communication Systems. (Yakymenko et al); 2011
110	6133-6148	Sep. 3, 2013	Monnie Ramsell	Cell Towers - Neurological; Changes of Clinically Important Neurotransmitters under the Influence of Modulated RF Fields, A Long-term Study under Real-life Conditions; Umwelt-Medizin-Gesellschaft; (Buchner & Eger); 2011
111	6148-6160	Dec. 10, 2018	Environmental Health Trust	Cell Towers - DNA; Impact of radiofrequency radiation on DNA damage and antioxidants in peripheral blood lymphocytes of humans residing in the vicinity of mobile phone base stations. Electromagnetic Biology and Medicine. (Zothansiana et al); 2017
112	6161-6169	Dec. 10, 2018	Environmental Health Trust	Cell Towers - Cancer; Environmental radiofrequency radiation at the Järntorget Square in Stockholm Old Town, Sweden in May, 2018 compared with results on brain and heart tumour risks in rats exposed to 1.8 GHz base station environmental emissions, World Academy of Sciences Journal. (Hardell et al); 2018

INDEX TO DEFERRED APPENDIX

113	6170-6258	Sep. 30, 2016	Catherine Kleiber	Cell Towers; Indian Government, Ministry of Environment and Forest, Report on Possible Impacts of Communication Towers on Wildlife Including Birds and Bees. 919 studies reviewed; 2011
114	6259-6260	Sep. 3, 2013	Kevin Mottus	Cell Towers; Epidemiological evidence for a health risk from mobile phone base stations, Int J Occup Environ Health. (Hardell et al); 2010
115	6261-6289	Sep. 16, 2019	Joel Moskowitz, PhD	Cell Towers; Biological Effects From Exposure to Electromagnetic Radiation Emitted By Cell Tower Base Stations and Other Antenna Arrays. Environ. Rev. (Lai & Levitt); 2010
116	6290-6301	Jul. 11, 2016	Environmental Health Trust	Cell Towers; Research Summaries of Cell Tower Radiation Studies
117	6302-6311	Sep. 30, 2016	Catherine Kleiber	Cell Towers-Wildlife; Electromagnetic Pollution From Phone Masts. Effects on Wildlife; Pathophysiology. (Dr. Alfonso Balmori); 2009
118	6312-6324	Jul. 18, 2106	Environmental Health Trust	Cell Towers - Wildlife; Testimony of Dr. Albert M. Manville, II, PhD., C.W.B, Before the City of Eugene City Planning Department in Opposition to AT&T/Crossfire's Application for a "Stealth" Cellular Communications Tower; May 6, 2015

INDEX TO DEFERRED APPENDIX

119	6325-6341	Sep. 30, 2016	Catherine Kleiber	Cell Towers - Plants; Radiofrequency Radiation Injures Trees Around Mobile Phone Base Stations. Science of the Total Environment. (Waldmann-Selsam et al); 2016
120	6342-6349	Apr. 8, 2014	M.K. Hickcox	Biosystem & Ecosystem; The Dangers of Electromagnetic Smog, Prof. Andrew Goldsworthy, PhD.; 2007
121	6350-6366	Sep. 3, 2013	The EMR Policy Institute	Biosystem and Ecosystem; Impacts of radio-frequency electromagnetic field (RF-EMF) from cell phone towers and wireless devices on biosystem and ecosystem – a review. Biology and Medicine (Sivani et al.); 2012
122	6367-6379	Oct. 1, 2018	Environmental Health Trust	5G; 5G wireless telecommunications expansion: Public health and environmental implications, Environmental Research. (Dr. Cindy Russell MD.); 2018
123	6380-6383	Oct. 18, 2019	Joel M. Moskowitz PhD	5G; We Have No Reason to Believe 5G is Safe, Dr. Joel Moskowitz PhD., Scientific American; 2019
124	6384-6392	Jul. 11, 2017	Environmental Health Trust	5G - Millimeter Waves; Nonthermal Effects of Extremely High-Frequency Microwaves on Chromatin Conformation in Cells in vitro—Dependence on Physical, Physiological, and Genetic Factors. IEEEExplore. (Belyaev et al); 2000

INDEX TO DEFERRED APPENDIX

125	6393-6408	Oct. 1, 2018	Environmental Health Trust	5G; What You Need To Know About 5G Wireless And “Small” Cells Top 20 Facts About 5G; Environmental Health Trust
126	6409-6429	Jan. 13, 2015	NYU Wireless	5G; Millimeter-Wave Cellular Wireless Networks: Potentials and Challenges, IEEE; (2014)
VOLUME 17 – Tabs 127 – 142 Part 1				
127	6430-6436	Jul. 13, 2016	Priscilla King	5G; FCC Chairman Tom Wheeler ‘The Future of Wireless: A Vision for U.S. Leadership in a 5G World’; 2016
128	6437-6447	Jul. 14, 2016	Angela Tsaing	5G; Letter to House Subcommittee on Communications and Technology; Angela Tsiang; 2016
129	6448-6453	Jan. 8, 2019	LeRoy Swicegood	5G; Ask Congress to Vote No, We Are The Evidence Fact Sheet; 2016
130	6454-6510	Jul. 13, 2016	Parents For Safe Technology	5G; 5G Spectrum Frontiers -The Next Great Unknown Experiment On Our Children, Compilation of Letters to Congress; 2016
131	6511-6513	Apr. 16, 2018	Theodora Scarato	5G;What You Need To Know About 5G Wireless and “Small” Cells
132	6514-6587	Sep. 28, 2016	Kevin Mottus	Wi-Fi; 136 Studies Showing Health Effects from Wi-Fi Radio Frequency Radiation

INDEX TO DEFERRED APPENDIX

133	6588-6603	Jul. 13, 2016	Parents For Safe Technology	Wi-Fi; 2.45-GHz Microwave Irradiation Adversely Affects Reproductive Function in Male Mouse, <i>Mus Musculus</i> by Inducing Oxidative and Nitrosative Stress. Free Radical Research (Shahin et al); 2014
134	6604-6611	Jul. 7, 2016	Environmental Health Trust	Wi-Fi - Fertility; Immunohistopathologic demonstration of deleterious effects on growing rat testes of radiofrequency waves emitted from conventional Wi-Fi devices. Journal of Pediatric Neurology. (Atasoy et al); 2013
135	6612-6620	Apr. 8, 2014	MK Hickox	Smart Meters: Correcting the Gross Misinformation, Letter by 54 Scientists and MDs; 2012
136	6621-6622	Nov. 18, 2013	Catherine Kleiber	Smart Meters - Radiation Sickness; American Academy of Environmental Medicine, Smart Meter Case Series; 2013
137	6623-6692	Sep. 3, 2013	Rachel Cooper	Smart Meters; Assessment of Radiofrequency Microwave Radiation Emissions from Smart Meters; Sage Associates, Environmental Consultants; 2011
138	6693-6699	Jul. 7, 2016	Environmental Health Trust	Smart Meters; FCC Maximum Permissible Exposure Limits for Electromagnetic Radiation, as Applicable to Smart Meters. Dr. Ron Powell PhD.; 2013

INDEX TO DEFERRED APPENDIX

139	6700-6705	Jul. 7, 2016	Environmental Health Trust	Smart Meters - Radiation Sickness; Symptoms after Exposure to Smart Meter Radiation. Dr. Ron Powell PhD.; 2015
140	6706-6735	Sep. 3, 2013	Kit Weaver	Kit Weaver, Comments
141	6736-6740	Feb. 6, 2013	Joshua Hart	Organizations - Radiation Sickness; StopSmartMeters, Comments
142 Part 1	6741-6850	Sep. 28, 2016	Kevin Mottus	Cell Phones; Research Abstracts of Over 700 Studies Showing Health Effects from Cell Phone Radio Frequency Radiation; Prof. Henri Lai (Tab 142 Part 1)
VOLUME 18 – Tabs 142 Part 2 - 153				
142 Part 2	6851-7088	Sep. 28, 2016	Kevin Mottus	Cell Phones; Research Abstracts of Over 700 Studies Showing Health Effects from Cell Phone Radio Frequency Radiation; Prof. Henri Lai (Tab 142 Part 2)
143	7089-7099	Sep. 28, 2016	Kevin Mottus	Cancer - Brain Tumors; Using the Hill viewpoints from 1965 for evaluating strengths of evidence of the risk for brain tumors associated with the use of mobile and cordless phones. Rev Environ Health. (Hardell and Caarlsberg); 2013

INDEX TO DEFERRED APPENDIX

144	7100-7121	Nov. 18, 2013	Kevin Mottus	Cancer-Brain Tumors; Mobile phone use and brain tumour risk: early warnings, early actions? (Gee, Hardell Carlsberg) (Chapter 21 of Report: “Late lessons from early warnings: science, precaution”); 2013
145	7122-7134	Sep. 12, 2019	Environmental Health Trust	Cell Phones; Real-world cell phone radiofrequency electromagnetic field exposures. Environmental Research. (Wall et al); 2019
146	7135-7142	Nov. 18, 2013	Kevin Mottus	Cancer -Brain Tumors; Meta-analysis of long-term mobile phone use and the association with brain tumours, Prof. Lennart Hardell MD. PhD. 2008
147	7143-7156	Jul. 11, 2016	Environmental Health Trust	Cancer - Brain Tumors; Case-control study of the association between malignant brain tumours diagnosed between 2007 and 2009 and mobile and cordless phone use. International Journal of Oncology.(Hardell et al); 2013
148	7157-7183	Nov. 18, 2013	Kevin Mottus	Cancer - Brain Tumors; Use of mobile phones and cordless phones is associated with increased risk for glioma and acoustic neuroma. Pathophysiology. (Hardell et al); 2012

INDEX TO DEFERRED APPENDIX

149	7184-7193	Sep. 28, 2016	Kevin Mottus	Cancer - Brain Tumors; Pooled Analysis of Two Swedish Case-Control Studies on the Use of Mobile and Cordless Telephones and the Risk of Brain Tumours Diagnosed During 1997-2003. International Journal of Occupational Safety and Ergonomics (Mild, Hardell, Carlsberg); 2007
150	7194-7210	Dec. 10, 2018	Environmental Health Trust	Thermal and non-thermal health effects of low intensity non-ionizing radiation: An international perspective. Environmental Pollution. (Belpomme et al); 2018
151	7211-7224	Sep. 28, 2016	Kevin Mottus	Cancer - Brain Tumors; Mobile phones, cordless phones and the risk for brain tumours. International Journal of Oncology (Prof. Lennart Hardell MD., PhD.); 2009
152	7225-7251	Sep. 3, 2013	Paul Dart MD	Cancer - Cell Phones; Cell Phones and Risk of Brain Tumor, Dr. Paul Dart MD. (Petitioner); 2013
153	7252-7255	Jan 31, 2019	Julian Gehman	Jullian Gehman Esq. Comments
VOLUME 19 – Tabs 154-168				
154	7256-7371	Nov. 5, 2013	Joel M. Moskowitz Ph.D.	Dr. Joel Moskowitz PhD. Reply Comments, Why the FCC Must Strengthen Radiofrequency Radiation Limits in the U.S.

INDEX TO DEFERRED APPENDIX

155	7372-7414	Jun. 17, 2014	Environmental Working Group	Cancer - Children; Cell Phone Radiation: Science Review on Cancer Risks and Children's Health; Environmental Working Group; 2009
156	7415-7417	Sep. 30, 2016	Kevin Mottus	Cell Phones - Plants; Review: Weak Radiofrequency Radiation Exposure From Mobile Phone Radiation on Plants. Electromagnetic Biology and Medicine (Malka N. Halgamuge); 2016
157	7418-7421	Apr. 29, 2019	Environmental Health Trust	Testing; Microwave Emissions From Cell Phones Exceed Safety Limits in Europe and the US When Touching the Body. IEEE Access. Prof. Om P. Gandhi PhD.; 2019
158	7422-7426	Sep. 12, 2019	Environmental Health Trust	Testing - Children; Absorption of wireless radiation in the child versus adult brain and eye from cell phone conversation or virtual reality. Environmental Research. (C. Fernandez et al); 2018
159	7427-7431	Jul. 11, 2016	Environmental Health Trust	Yes the Children Are More Exposed to Radiofrequency Energy From Mobile Telephones Than Adults. IEEE Access (Prof. Om Ghandi PhD); 2015
160	7432-7441	Jul. 7, 2016	Environmental Health Trust	Testing - Children; Children Absorb Higher Doses of Radio Frequency Electromagnetic Radiation From Mobile Phones Than Adults. IEEE Access (Robert D. Morris et al); 2015

INDEX TO DEFERRED APPENDIX

161	7442-7445	Apr. 29, 2019	Environmental Health Trust	Testing – Children; Exposure Limits: The underestimation of absorbed cell phone radiation, especially in children. Electromagnetic Biology and Medicine (Gandhi et al); 2011
162	7446-7504	Nov. 17, 2013	Pong Research Corporation	Testing; Pong Research Corporation Reply Comments
163	7505-7514	Aug. 19, 2012	Pong Research Corporation	Testing; Pong Research Corporation, Letter to the FCC
164	7515-7602	Nov. 17, 2013	L. Lloyd Morgan	Environmental Health Trust, Reply Comments (Erroneous Comments Submitted to the FCC on Proposed Cellphone Radiation Standards and Testing by CTIA – September 3, 2013)
165	7603-7614	Sep. 3, 2013	Dr. Joel M. Moskowitz PhD	“Comments on Notice of Inquiry, ET Docket No. 13-84” GAO Report “Exposure and Testing Requirements for Mobile Phones Should Be Reassessed.” Dr. Joel Moskowitz PhD.; 2012
166	7615-7628	Sep. 2, 2013	Consumers for Safe Cell Phones	Organizations; Consumers for Safe Cell Phones Comments (Petitioner)
167	7629-7640	Nov. 17, 2013	Consumers for Safe Cell Phones	Consumers for Safe Cell Phone Comments (Reply to CTIA Comments from Sep. 13, 2013)
168	7641-7672	Nov. 17, 2013	Environmental Working Group	Organizations; Environmental Working Group, Reply Comments

INDEX TO DEFERRED APPENDIX

VOLUME 20 - Tabs 169 – 172 Part 1				
169	7673-7682	Dec. 10, 2018	Environmental Health Trust	Industry Influence; World Health Organization, Radiofrequency Radiation and Health - a Hard Nut to Crack (Review). International Journal of Oncology. Prof. Lennart Hardell MD. PhD.; 2017
170	7683-7716	Nov. 18, 2013	Richard H. Conrad PhD	Industry Influence; Business Bias As Usual: The Case Of Electromagnetic Pollution. Prof. Levis, Prof. Gennaro, Prof. Garbisa
171	7717-7719	Sep. 3, 2013	The EMR Policy Institute	Industry Influence; Prof. Martha Herbert MD PhD., Harvard Pediatric Neurologist Letter to Los Angeles Unified School District; 2013
172 Part 1	7720-8073	Feb. 6, 2013	Dr. Donald R. Maisch PhD	Industry Influence; The Procrustean Approach: Setting Exposure Standards for Telecommunications Frequency Electromagnetic Radiation, Dr. Donald Maisch PhD.; 2009 (Tab 172 Part 1)
VOLUME 21 – Tabs 172 Part 2 - 185				
172 Part 2	8074-8158	Feb. 6, 2013	Dr. Donald R. Maisch PhD	Industry Influence; The Procrustean Approach: Setting Exposure Standards for Telecommunications Frequency Electromagnetic Radiation, Dr. Donald Maisch PhD.; 2009 (Tab 172 Part 2)
173	8159-8167	Sep. 29, 2016	Kevin Mottus	Industry Influence; Illusion and Escape: The Cell Phone Disease Quagmire. Dr. George L. Carlo PhD., JD.; 2008

INDEX TO DEFERRED APPENDIX

174	8168-8169	Nov. 18, 2013	Kevin Mottus	Industry Influence; Quote of Prof. Henry Lai PhD from NY Times Article about Percent of Negative Studies Funded By Industry; 2013
175	8170-8177	Nov 18, 2013	Kevin Mottus	Industry Influence; Warning: Your Cell Phone May Be Hazardous to Your Health. Christopher Ketcham, GQ; 2010
176	8178-8182	Sep. 3, 2013	Monnie Ramsell	Industry Influence; Radiation Protection in Conflict With Science; Dr. Franz Adlkofer PhD.; 2011
177	8183-8184	Mar. 21, 2019	Office of Engineering and Technology	US Agencies; Letter from the FCC's OET Dept. to Dr. Shuren of the FDA
178	8185-8188	Apr. 30, 2019	Center for Devices and Radiological Health	US Agencies; Letter from Dr. Shuren of the FDA to the FCC's OET Dept.
179	8189-8279	Sep. 24, 2013	Grassroots Environmental Education, Inc.	US Agencies - Radiation Sickness; US Access Board Acknowledgement of Radiation Sickness (Electromagnetic Sensitivities); 2002
180	8280-8377	Sep. 24, 2013	Grassroots Environmental Education, Inc.	US Agencies - Radiation Sickness; National Institute of Building Sciences (NIBS), IEQ Indoor Environmental Quality; Recommendations for Accommodation for Electromagnetic Sensitivity; 2005

INDEX TO DEFERRED APPENDIX

181	8378-8386	Sep. 29, 2016	Kevin Mottus	US Agencies; US Department of Interior, Letter of the Director of Office of Environmental Policy and Compliance; 2014
182	8387-8407	Mar. 4, 2013	Susan Brinchman, CEP	US Agencies; Department of the Army, Confidential Legal Correspondence, Dec. 13, 2006
183	8408-8411	Sep. 2, 2013	Kevin Mottus	US Agencies; US Environmental Protection Agency (EPA) Letter to EMR Network; Jul. 6, 2002
184	8412-8424	Jul. 7, 2016	Environmental Health Trust	US Agencies; EPA Letter to the FCC, Comments on FCC 93-142 Environmental Effects of RF; 1993
185 Part 1	8425-8505	Jul. 7, 2016	Environmental Health Trust	US Agencies; US Naval Medical Research Institute. Bibliography of Reported Biological Phenomena (“Effects”) and Clinical Manifestations Attributed to Microwave and Radio-frequency Radiation; 1971 (Tab 185 Part 1)
VOLUME 22 – Tabs 185 Part 2 - 238				
185 Part 2	8506-8531	Jul. 7, 2016	Environmental Health Trust	US Agencies; US Naval Medical Research Institute. Bibliography of Reported Biological Phenomena (“Effects”) and Clinical Manifestations Attributed to Microwave and Radio-frequency Radiation; 1971 (Tab 185 Part 2)
186	8532-8636	Jul. 12, 2015	U.S. Department of Labor	US Agencies; US Department of Labor Comment

INDEX TO DEFERRED APPENDIX

187	8537-8539	Sep. 29, 2016	Kevin Mottus	Radiation Sickness; Exemption for Fire stations, California Assembly Bill No. 57 (2015), codified at Cal. Gov. Code 65964.1
188	8540-8546	Sep. 3, 2013	Susan D. Foster, MSW	Radiation Sickness - Firefighters; Susan Foster Comments
189	8547-8626	Jul. 7, 2016	Environmental Health Trust	Radiation Sickness; Electromagnetic Hypersensitivity, Dr. Erica Mallery-Blythe; 2014
190	8627-8628	Sep. 16, 2019	Joel M. Moskowitz PhD.	Radiation Sickness; Reliable disease biomarkers characterizing and identifying electrohypersensitivity and multiple chemical sensitivity as two etiopathogenic aspects of a unique pathological disorder. Rev Environ Health. (Prof. Belpomme et al); 2015
191	8629-8637	Sep.3, 2013	Kevin Mottus	Radiation Sickness; Electromagnetic hypersensitivity: evidence for a novel neurological syndrome. Int J Neurosci. (McCarty et al); 2011
192	8638-8641	Nov. 18, 2013	Toril H. Jelter MD	Radiation Sickness - Children; Dr. Torill Jelter MD. (Petitioner) Comments
193	8642-8659	Jul. 13, 2016	Deborah Kopald	Radiation Sickness, Deborah Kopald Comments
194	8660-8662	Sep. 30, 2016	Ann Lee MD	Radiation Sickness - Children; Dr. Ann Lee MD. (Petitioner) Comments

INDEX TO DEFERRED APPENDIX

195	8663-8681	Sep. 3, 2013	Paul Dart MD.	Radiation Sickness; Health Effects of Microwave Radio Exposures. Dr. Paul Dart MD.(Petitioner) Comments
196	8682-8683	Sep. 4, 2013	Erica M. Elliott	Radiation Sickness; Dr. Erica Elliott MD. Comments
197	8684-8734	Sep. 16, 2019	Dr. Joel M. Moskowitz PhD.	Radiation Sickness; Electrohypersensitivity Abstracts; 2017
198	8735-8747	Jul. 11, 2016	Environmental Health Trust	Radiation Sickness; Could Myelin Damage from Radiofrequency Electromagnetic Field Exposure Help Explain the Functional Impairment Electrohypersensitivity? A Review of the Evidence. Journal of Toxicology and Environmental Health. (Redmayne and Johansson); 2014
199	8748-8773	Jul. 11, 2016	Kate Kheel	Radiation Sickness; No Safe Place - shattered lives, healthcare set to crash – you can't fix this fast enough; Letter to a Mayor, Olga Sheean, Jun. 15, 2016
200	8774-8778	Aug. 26, 2013	Sarah Jane Berd	Radiation Sickness; Sarah Jane Berd Comments
201	8779-8782	Feb. 4, 2013	Cynthia S Larson	Radiation Sickness; Cynthia S. Larson Comments
202	8783-8784	Oct. 3, 2016	Josh Fisher	Radiation Sickness; Josh Fisher Comments
203	8785-8787	Oct. 3, 2016	Paul Stanley	Radiation Sickness; Paul Stanley (Petitioner) Comments

INDEX TO DEFERRED APPENDIX

204	8788-8789	Nov. 25, 2013	Lynnell Rosser	Radiation Sickness; Lynnell Rosser Letter
205	8790-8796	Sep.12, 2013	Charyl Zehfus	Radiation Sickness; Charyl Zehfus Reply Comments
206	8797-8800	Sep. 4, 2013	Annie Starr	Radiation Sickness; Annie Starr Comments
207	8801-8802	Sep. 3, 2013	Rob Bland	Radiation Sickness; Rob Bland Comments
208	8803-8805	Sep. 3, 2013	Nancy Rose Gerler	Radiation Sickness; Nancy Rose Gerler Comments
209	8806-8811	Feb. 5, 2013	Monnie Ramsell	Radiation Sickness; Monnie Ramsell Comments
210	8812-8815	Sep. 3 2013	Miriam D. Weber	Radiation Sickness; Miriam D. Weber Comments
211	8816-8818	Sep. 3 2013	Junghie Elky	Radiation Sickness; Junghie Elky Comments
212	8819-8832	Aug. 30, 2013	Catherine Kleiber	Radiation Sickness; ADA/FHA Catherine Kleiber Comments
213	8833-8837	Sep. 3, 2013	Amanda & Ryan Rose	Radiation Sickness; Amanda & Ryan Rose Comments
214	8838-8842	Sep. 3, 2013	Cindy Bowman	Radiation Sickness; Cindy Bowman Comments
215	8843-8844	Sep. 3, 2013	Sue Martin	Radiation Sickness; Sue Martin Comments
216	8845-8846	Sep. 3, 2013	Richard Gaul	Radiation Sickness; Richard Gaul Comments

INDEX TO DEFERRED APPENDIX

217	8847-8848	Sep. 4 2013	Karen Strode	Radiation Sickness; Karen Strode Comments
218	8849-8850	Sep. 3, 2013	Jaime Schunkewitz	Radiation Sickness; Jaime Schunkewitz Comments
219	8851-8854	Aug. 13, 2013	Linda Bruce	Radiation Sickness; Linda Bruce Comments
220	8855-8858	Feb. 19, 2013	Louise Kiehl Stanphill	Radiation Sickness; Louise Kiehl Stanphill Reply Comments
221	8859-8862	Feb. 7, 2013	Diana LeRoss	Radiation Sickness; Diana LeRoss Comments, Feb. 7, 2013
222	8863-8866	Jun. 17, 2013	Marc Sanzotta	Radiation Sickness; Marc Sanzotta Comments
223	8867-8868	Aug. 11, 2016	Barbara A. Savoie	Radiation Sickness; Barbara A. Savoie Comments
224	8869-8885	Jul. 13, 2016	R. Kay Clark	Radiation Sickness; R. Kay Clark Comments
225	8886-8887	Sep. 3, 2013	Steve & Juleen Ross	Radiation Sickness; Steve & Juleen Ross Comments
226	8888-8892	Sep. 3, 2013	Kathy Ging	Radiation Sickness; Kathy Ging Comments
227	8893-8895	Sep. 3, 2013	Jeraldine Peterson-Mark	Radiation Sickness; Jeraldine Peterson-Mark Comments
228	8896-8900	Sep. 3, 2013	Edward G.	Radiation Sickness; Edward G. Comments
229	8901-8903	Sep. 4, 2013	D. Yourovski	Radiation Sickness; D. Yourovski Comments

INDEX TO DEFERRED APPENDIX

230	8904-8907	Sep. 3, 2013	Ellen K. Marks	Radiation Sickness; Ellen K. Marks Comments
231	8908-8911	Sep. 3, 2013	Melody Graves	Radiation Sickness; Melody Graves Comments
232	8912-8913	Sep. 3, 2013	Bernadette Johnston	Radiation Sickness; Bernadette Johnston Comments
233	8914-8916	Sep. 3, 2013	Shane Gregory	Radiation Sickness; Shane Gregory Comments
234	8917-8918	Sep. 3, 2013	Layna Berman	Radiation Sickness; Layna Berman Comments
235	8919-8922	Sep. 3, 2013	Linda Giannoni	Radiation Sickness; Linda Giannoni Comments
236	8923-8925	Sep. 3, 2013	Jennifer Page	Radiation Sickness; Jennifer Page Comments
237	8926-8928	Sep. 3, 2013	Jackie Seward	Radiation Sickness; Jackie Seward Comments
238	8929-8931	Sep. 3, 2013	Elizabeth Feudale	Radiation Sickness; Elizabeth Feudale Comments
VOLUME 23 – Tabs 239-315				
239	8932-8933	Sep. 3, 2013	Brent Dalton	Radiation Sickness; Brent Dalton Comments
240	8934-8937	Sep. 3, 2013	Elizabeth Barris	Radiation Sickness; Elizabeth Barris (Petitioner) Comments
241	8938-8940	Sep. 3, 2013	Olemara	Radiation Sickness; Olemara Comments
242	8941-8943	Aug. 14, 2013	Melissa White	Radiation Sickness; Melissa White Comments

INDEX TO DEFERRED APPENDIX

243	8944-8946	Jun. 4, 2013	Carol Moore	Radiation Sickness; Carol Moore Comments
244	8947-8952	Mar. 7, 2013	Michele Hertz	Radiation Sickness; Michele Hertz (Petitioner) Comments
245	8953-8955	Mar. 4, 2013	B.J. Arvin	Radiation Sickness; B.J. Arvin Reply Comments
246	8956-8959	Feb. 12, 2013	Suzanne D. Morris	Radiation Sickness; Suzanne D. Morris Comments
247	8960-8962	Feb. 7, 2013	Tom Creed	Radiation Sickness; Tom Creed Comments
248	8963-8967	Feb. 6, 2013	Julie Ostoich	Radiation Sickness; Julie Ostoich Comments
249	8968-8981	Feb. 6, 2013	Kathleen M. Sanchez	Radiation Sickness; Kathleen M. Sanchez Comments
250	8982-8985	Feb. 6, 2013	John Edward Davie	Radiation Sickness; John Edward Davie Comments
251	8986-8989	Feb. 6, 2013	Alison L. Denning	Radiation Sickness; Alison L. Denning Comments
252	8990-9012	Feb. 6, 2013	Susan Brinchman, CEP	Radiation Sickness; Susan Brinchman Comments
253	9013-9016	Feb. 6, 2013	Terilynn Langsev	Radiation Sickness; Terilynn Langsev Comments
254	9017-9020	Feb. 6, 2013	Beth Ann Tomek	Radiation Sickness; Beth Ann Tomek Comments
255	9021-9025	Feb. 5, 2013	Sandra Storwick	Radiation Sickness; Sandra Storwick Comments

INDEX TO DEFERRED APPENDIX

256	9026-9029	Feb. 5, 2013	Odessa Rae	Radiation Sickness; Odessa Rae Comments
257	9030-9033	Feb. 5, 2013	Kenneth Linoski	Radiation Sickness; Kenneth Linoski Comments
258	9034-9039	Feb. 6, 2013	Elissa Michaud	Radiation Sickness; Elissa Michaud Comments
259	9040-9043	Feb. 5, 2013	Ella Elman	Radiation Sickness; Ella Elman Comments
260	9044-9047	Feb. 5, 2013	Andrew Swerling	Radiation Sickness; Andrew Swerling Comments
261	9048-9051	Feb. 5, 2013	Natalie Smith	Radiation Sickness; Natalie Smith Comments
262	9052-9055	Feb. 4, 2013	Mana Iluna	Radiation Sickness; Mana Iluna Comments
263	9056-9059	Feb. 4, 2013	Jayne G. Cagle	Radiation Sickness; Jayne G. Cagle Comments
264	9060-9063	Feb. 4, 2013	Mark Summerlin	Radiation Sickness; Mark Summerlin Comments
265	9064-9067	Feb. 4, 2013	Lashanda Summerlin	Radiation Sickness; Lashanda Summerlin Comments
266	9068-9071	Feb. 4, 2013	Kath Mason	Radiation Sickness; Kath Mason Comments
267	9072-9084	Nov. 1, 2013	Daniel Kleiber	Radiation Sickness; Daniel Kleiber Reply Comments
268	9085-9086	Sep.3, 2013	Susan MacKay	Radiation Sickness; Susan MacKay Comments

INDEX TO DEFERRED APPENDIX

269	9087-9091	Mar. 4, 2013	Theresa McCarthy	Radiation Sickness; Theresa McCarthy Reply Comments
270	9092-9093	Jul. 11, 2016	L S Murphy	Radiation Sickness; L S Murphy Comments
271	9094-9096	Aug. 30, 2013	Patricia B. Fiskén	Radiation Sickness; Patricia B. Fiskén Comments
272	9097-9098	Sep. 3, 2013	Linda Hart	Radiation Sickness; Linda Hart Comments
273	9099-9101	Aug. 19, 2013	E Renaud	Radiation Sickness; E Renaud Comments
274	9102-9108	Aug. 13, 2013	Nicole Nevin	Radiation Sickness; Nicole Nevin Comments
275	9109-9110	Sep. 30, 2016	Robert VanEchaute	Radiation Sickness; Robert VanEchaute Comments
276	9111-9112	Sep. 6, 2016	Daniel Berman	Radiation Sickness; Daniel Berman Comments
277	9113-9116	Sep. 3, 2013	Edna Willadsen	Radiation Sickness; Edna Willadsen Comments
278	9117-9118	Aug. 30, 2013	Susan Molloy	Radiation Sickness; Susan Molloy Comments
279	9119-9120	Sep. 3, 2013	Kathleen Christofferson	Radiation Sickness; Kathleen Christofferson Comments
280	9121-9122	Sep. 3, 2013	Juli Johnson	Radiation Sickness; Juli Johnson Comments
281	9123-9124	Sep. 3, 2013	Annalee Lake	Radiation Sickness; Annalee Lake Comments

INDEX TO DEFERRED APPENDIX

282	9125-9126	Aug. 22, 2013	Alan Marks	Radiation Sickness; Alan Marks Comments
283	9127-9128	Jun. 10, 2013	Peggy McDonald	Radiation Sickness; Peggy McDonald Comments
284	9129-9131	Feb. 26, 2013	Mark Zehfus	Radiation Sickness; Mark Zehfus Reply Comments
285	9132-9137	Feb. 6, 2013	Jennifer Zmarzlik	Radiation Sickness; Jennifer Zmarzlik Comments
286	9138-9142	Feb. 6, 2013	Catherine E. Ryan	Radiation Sickness; Catherine E. Ryan Comments
287	9143-9148	Feb. 6, 2013	L. Meade	Radiation Sickness; L. Meade Comments
288	9149-9150	Sep. 3, 2013	Arthur Firstenberg	Radiation Sickness; Arthur Firstenberg Comments
289	9151-9152	Mar. 5, 2013	Jeromy Johnson	Radiation Sickness; Jeromy Johnson Reply Comments
290	9153-9154	Sep. 26, 2016	Jeanne Insenstein	Radiation Sickness; Jeanne Insenstein Comments
291	9155-9159	Nov. 18, 2013	Angela Flynn	Radiation Sickness; Angela Flynn Reply Comments
292	9160-9162	Sep. 4, 2013	Kathryn K. Wesson	Radiation Sickness; Kathryn K. Wesson Comments
293	9163-9165	Sep. 3, 2013	Diane St. James	Radiation Sickness; Diane St. James Comments
294	9166-9168	Sep. 3, 2013	Christine Hoch	Radiation Sickness; Christine Hoch Comments
295	9169-9180	Sep. 3, 2013	Arlene Ring	Radiation Sickness; Arlene Ring Comments

INDEX TO DEFERRED APPENDIX

296	9181-9182	Sep. 3, 2013	Victoria Jewett	Radiation Sickness; Victoria Jewett Comments
297	9183-9185	Sep. 3, 2013	Michael J. Hazard	Radiation Sickness; Michael J. Hazard Comments
298	9186-9187	Aug. 30, 2013	Melinda Wilson	Radiation Sickness; Melinda Wilson Comments
299	9188-9191	Aug. 30, 2013	Maggi Garloff	Radiation Sickness; Maggi Garloff Comments
300	9192-9199	Sep. 3, 2013	Holly Manion	Radiation Sickness & ADA/FHA; Holly Manion Comments
301	9200-9203	Aug. 22, 2013	James Baker	Radiation Sickness; James Baker Comments
302	9204-9254	Jul. 19, 2013	Deborah Cooney	Radiation Sickness; Deborah Cooney, Verified Complaint, <i>Cooney v. California Public Utilities Commission et al</i> , No. 12-cv-06466-CW, U.S.D.C. N.D. Cal. (Dec 17, 2012)
303	9255-9258	Jun. 13, 2013	Mardel DeBuhr	Radiation Sickness; Mardel DeBuhr Comments
304	9259-9260	Jun. 10, 2013	Richard Wolfson	Radiation Sickness; Richard Wolfson Comments
305	9261-9264	Mar. 7, 2013	James E. Peden	Radiation Sickness; James E. Peden Reply Comments
306	9265-9266	Mar. 5, 2013	Carl Hilliard	Radiation Sickness; Carl Hilliard Comments
307	9267-9268	Mar. 4, 2013	Lisa Horn	Radiation Sickness; Lisa Horn Comments

INDEX TO DEFERRED APPENDIX

308	9269-9274	Feb. 27, 2013	Alexandra Ansell	Radiation Sickness; Alexandra Ansell Reply Comments
309	9275-9278	Feb. 25, 2013	Patricia A. Ormsby	Radiation Sickness; Patricia A. Ormsby Reply Comments
310	9279-9282	Feb. 14, 2013	Annette Jewell-Ceder	Radiation Sickness; Annette Jewell-Ceder Reply Comments
311	9283-9286	Feb. 6, 2013	Max Feingold	Radiation Sickness; Max Feingold Comments
312	9287-9300	Feb. 6, 2013	Annallys Goodwin-Landher	Radiation Sickness; Annallys Goodwin-Landher Comments
313	9301-9316	Feb. 4, 2013	Rebecca Morr	Radiation Sickness; Rebecca Morr Comments
314	9317-9320	Feb. 5, 2013	Josh Finley	Radiation Sickness; Alexandra Ansell Reply Comments
315	9321-9331	Feb. 5, 2013	Donna L. Bervinchak	Radiation Sickness; Donna L. Bervinchak Comments
VOLUME 24 – Tabs 316-377				
316	9332-9334	Feb. 5, 2013	Catherine Morgan	Radiation Sickness; Catherine Morgan Comments
317	9335-9338	Feb. 5, 2013	Angelica Rose	Radiation Sickness; Angelica Rose Comments
318	9339-9341	Feb. 5, 2013	Brian J. Bender	Radiation Sickness; Brian J. Bender Comments
319	9342-9343	Jul. 11, 2016	Maggie Connolly	Radiation Sickness; Maggie Connolly Comments

INDEX TO DEFERRED APPENDIX

320	9344-9345	Sep. 3, 2013	Gregory Temmer	Radiation Sickness; Gregory Temmer Comments
321	9346-9347	Sep. 3, 2013	Bernice Nathanson	Radiation Sickness; Bernice Nathanson Comments
322	9348-9350	Sep. 3, 2013	Terry Losansky	Radiation Sickness; Terry Losansky Comments
323	9351-9352	Sep. 3, 2013	Ronald Jorstad	Radiation Sickness; Ronald Jorstad Comments
324	9353-9354	Jul. 8, 2013	Liz Menkes	Radiation Sickness; Liz Menkes Comments
325	9355-9356	Sep. 3, 2013	Katie Mickey	Radiation Sickness; Katie Mickey Comments
326	9357-9360	Sep. 3, 2013	Karen Nold	Radiation Sickness; Karen Nold Comments
327	9361-9362	Jul. 8, 2013	David DeBus, PhD.	Radiation Sickness; David DeBus, Ph.D. Comments
328	9363-9365	Jun. 20, 2013	Jamie Lehman	Radiation Sickness; Jamie Lehman Comments
329	9366-9367	Jun. 12, 2013	Jane van Tamelen	Radiation Sickness; Jane van Tamelen Comments
330	9368-9379	Jun. 10, 2013	Sebastian Sanzotta	Radiation Sickness; Sebastian Sanzotta Comments
331	9380-9383	Mar. 7, 2013	Taale Laafi Rosellini	Radiation Sickness; Taale Laafi Rosellini Reply Comments
332	9384-9387	Mar. 7, 2013	Robert E. Peden	Radiation Sickness; Robert E. Peden Reply Comments

INDEX TO DEFERRED APPENDIX

333	9388-9391	Mar. 7, 2013	Marilyn L. Peden	Radiation Sickness; Marilyn L. Peden Reply Comments
334	9392-9393	Mar. 5, 2013	Doreen Almeida	Radiation Sickness; Doreen Almeida Reply Comments
335	9394-9395	Mar. 5, 2013	Oriannah Paul	Radiation Sickness; Oriannah Paul Comments
336	9396-9397	Sep. 3, 2013	Heather Lane	Radiation Sickness; Heather Lane Comments
337	9398-9399	Aug. 15, 2013	John Grieco	Radiation Sickness; John Grieco Comments
338	9400-9401	Sep. 29, 2016	Linda Kurtz	Radiation Sickness & ADA/FHA; Linda Kurtz Comments
339	9402-9406	Feb. 5, 2013	Lisa Drodt-Hemmele	Radiation Sickness & ADA/FHA; Lisa Drodt-Hemmele Comments
340	9407-9409	Aug. 26, 2013	Robert S Weinhold	Radiation Sickness & ADA/FHA; Robert S Weinhold Comments
341	9410-9411	Jul. 12, 2016	Dianne Black	Radiation Sickness & ADA/FHA; Dianne Black Comments
342	9412-9415	Jul. 13, 2016	Derek C. Bishop	Radiation Sickness & ADA/FHA; Derek C. Bishop Comments
343	9416-9435	Aug. 21, 2013	Steven Magee	Radiation Sickness & ADA/FHA; Steven Magee Comments
344	9436-9437	Sep. 3, 2013	Melissa Chalmers	Radiation Sickness & ADA/FHA; Melissa Chalmers Comments

INDEX TO DEFERRED APPENDIX

345	9438-9440	Aug. 30, 2013	Garril Page	Radiation Sickness & ADA/FHA; Garril Page Comments
346	9441-9444	Sep. 5, 2013	Laddie W. Lawings	Radiation Sickness & ADA/FHA; Laddie W. Lawings Comments
347	9445-9446	Sep. 4, 2018	Fern Damour	Radiation Sickness & ADA/FHA; Fern Damour Comments
348	9447-9449	Aug. 28, 2013	Rebecca Rundquist	Radiation Sickness & ADA/FHA; Rebecca Rundquist Comments
349	9450-9451	Sep. 3, 2013	JoAnn Gladson	Radiation Sickness & ADA/FHA; JoAnn Gladson Comments
350	9452-9453	Jul. 13, 2016	Jonathan Mirin	Radiation Sickness & ADA/FHA; Jonathan Mirin Comments
351	9454-9455	Jul. 12, 2016	Mary Adkins	Radiation Sickness & ADA/FHA; Mary Adkins Comments
352	9456-9458	Sep. 3, 2013	Ian Greenberg	Radiation Sickness & ADA/FHA; Ian Greenberg Comments
353	9459-9462	Sep. 3, 2013	Helen Sears	Radiation Sickness & ADA/FHA; Helen Sears Comments
354	9463-9464	Mar. 4, 2013	Janet Johnson	Radiation Sickness & ADA/FHA; Janet Johnson Comments
355	9465-9467	Aug. 20, 2013	Mr. and Mrs. Gammone	Radiation Sickness & ADA/FHA; Mr. and Mrs. Gammone Comments
356	9468-9475	Sep. 10, 2013	Shelley Masters	Radiation Sickness - Disability; Shelley Masters Comments

INDEX TO DEFERRED APPENDIX

357	9476-9479	Sep. 12, 2016	Tara Schell & Kathleen Bowman	Radiation Sickness; Disability; Tara Schell & Kathleen Bowman Comments
358	9480-9481	Feb. 6, 2013	Patricia Burke	Radiation Sickness; Disability; Patricia Burke Comments
359	9482-9484	Aug. 19, 2013	Deirdre Mazzetto	Radiation Sickness; Disability; Deirdre Mazzetto Comments
360	9485-9486	Mar. 5, 2013	Jim and Jana May	Radiation Sickness; Disability; Jim and Jana May Comments
361	9487-9488	Jun. 10, 2013	Lisa M. Stakes	Radiation Sickness; Disability; Lisa M. Stakes Comments
362	9489-9490	Sep. 3, 2013	Veronica Zrnchik	Radiation Sickness; Disability; Veronica Zrnchik Comments
363	9491-9493	Sep. 12, 2013	J.A. Wood	Radiation Sickness; Disability; J.A. Wood Comments
364	9494-9495	Jul. 3, 2016	Sherry Lamb	Radiation Sickness; Disability; Sherry Lamb Comments
365	9496-9500	Aug. 28, 2013	April Rundquist	Radiation Sickness; Disability; April Rundquist Comments
366	9501-9502	Jul. 21, 2016	Charlene Bontrager	Radiation Sickness; Disability; Charlene Bontrager Comments
367	9503-9506	Jun. 19, 2013	Michelle Miller	Radiation Sickness; Disability; Michelle Miller Comments

INDEX TO DEFERRED APPENDIX

368	9507-9514	Sep. 3, 2013	James C. Barton	Radiation Sickness; Disability; James C. Barton Comments
369	9515-9526	Sep. 3, 2013	Diane Schou	Radiation Sickness; Disability; Diane Schou Comments
370	9527-9532	Jun. 24, 2013	Alison Price	Radiation Sickness; Disability; Alison Price Comments
371	9533-9535	Sep. 10, 2013	Shari Anker	Radiation Sickness; Disability; Shari Anker Comments
372	9536-9538	Aug. 30, 2013	Paul Vonharnish	Radiation Sickness; Disability; Paul Vonharnish Comments
373	9539-9548	Aug. 26, 2013	Heidi Lumpkin	Radiation Sickness; Disability; Heidi F. Lumpkin, Comments
374	9549-9550	Sep. 3, 2013	Kaitlin Losansky	Radiation Sickness; Disability; Kaitlin Losansky Comments
376	9551-9556	Nov. 12, 2012	Monise Sheehan	Radiation Sickness; Disability; Monise Sheehan Testimonial
376	9557-9558	Mar. 1, 2013	Ruthie Glavinich	Radiation Sickness; Disability; Ruthie Glavinich Comments
377	9559-9682	Sep. 3, 2013	Ed Friedman	Radiation Sickness; Testimonials of Nine People; 2013
VOLUME 25 – Tabs 378-404				
378	9683-9771	Sep. 3, 2013	Ed Friedman	Radiation Sickness; Testimonials of Twelve People; 2013
379	9772-9854	Sep. 3, 2013	Ed Friedman	Radiation Sickness; Testimonials of Nine People; 2013

INDEX TO DEFERRED APPENDIX

380	9855-9936	Sep. 28, 2016	Kevin Mottus	Radiation Sickness; Testimonials of Twenty People, Collected by StopSmartMeters; 2013
381	9937-9938	Sep. 3, 2013	Amanda & Ryan Rose	Radiation Sickness: Doctor's Diagnosis Letter for Peter Rose; 2010
382	9939-9940	Jun. 10, 2013	Steven Magee	Radiation Sickness; Doctor's Diagnosis Letter for Steven Magee
383	9941-9964	Sep. 30, 2016	Patricia Burke	European Manifesto in support of a European Citizens' Initiative (ECI)
384	9965-10012	Jul. 7, 2016	Environmental Health Trust	ADA/FHA; Verified Complaint, <i>G v. Fay Sch., Inc.</i> , No. 15-CV-40116-TSH (U.S.D.C. Mass. Aug. 12, 2015)
385	10013-10015	Aug. 13, 2013	John Puccetti	ADA/FHA; Organizations; American Academy of Environmental Medicine, Letter to the FCC
386	10016-10018	Feb. 5, 2013	Rachel Nummer	ADA/FHA; Rachel Nummer Comments
387	10019-10023	Feb. 5, 2013	Barbara Schnier	ADA/FHA; Southern Californians for a Wired Solution to Smart Meters Comments
388	10024-10057-	Feb. 5, 2013	Barbara Schnier	ADA/FHA; Opening Brief of Southern Californians for Wired Solutions to Smart Meters, Application 11-03-014 (July 19, 2012)
389	10058-10066	Sep. 2, 2013	Barbara Li Santi	ADA/FHA; Barbara Li Santi Comments
390	10067-10077	Oct. 22, 2013	Kit T. Weaver	ADA/FHA; Kit T. Weaver, Reply Comments

INDEX TO DEFERRED APPENDIX

391	10078-10086	Mar. 3, 2013	Sandra Schmidt	ADA/FHA; Sandra Schmidt Reply Comments
392	10087-10099	Feb. 11, 2013	Antoinette Stein	ADA/FHA; Antoinette Stein Comments
393	10100-10103	Feb. 5, 2013	David Morrison	ADA/FHA; David Morrison Comments
394	10104-10107	Apr. 16, 2014	MK Hickox	MK Hickox Reply Comments
395	10108-10009	Sep. 3, 2013	Annemarie Weibel	ADA/FHA; Annemarie Weibel Comments
396	10110 - 10117	Sep. 3, 2013	Omer Abid, MD, MPH	Individual Rights; Dr. Omer Abid MD. MPH Comments
397	10118-10120	Sep. 2, 2013	John A. Holeton	Individual Rights; John & Pauline Holeton Comments
398	10121-10129	Sep. 2, 2013	Grassroots Environmental Education, Inc. o/b/o Nancy Naylor	Individual Rights; Nancy Naylor Comments
399	10130-10143	Sep. 2, 2013	Deborah M. Rubin	Individual Rights; Deborah M. Rubin Comments
400	10,144-10149	Sep. 2, 2013	Kevin Mottus	Individual Rights; Kevin Mottus Comments
401	10150 - 10157	Aug. 30, 2013	Alexandra Ansell	Individual Rights; Alexandra Ansell Comments
402	10158-10161	Aug. 25, 2013	Steen Hviid	Individual Rights; Steen Hviid Comments
403	10162-10165	Aug. 21, 2013	Molly Hauck	Individual Rights; Molly Hauck Comments

INDEX TO DEFERRED APPENDIX

404	10166-10171	Feb. 5, 2013	Olle Johansson	Individual Rights; Prof. Olle Johansson PhD., Comments
VOLUME 26 – Tabs 405-443				
405	10172-10174	Mar. 4, 2013	R.Paul and Kathleen Sundmark	Individual Rights; R. Paul and Kathleen Sundmark Reply Comments
406	10175-10180	Feb. 5, 2013	Cynthia Edwards	Individual Rights & ADA; Cynthia Edwards Comments
407	10181-10185	Feb. 4, 2013	Diana Ostermann	Individual Rights; Diana Ostermann Comments
408	10186-10193	Jul. 13, 2016	Chris Nubbe	Individual Rights; Chris Nubbe Comments
409	10194-10201	Nov. 17, 2013	Katie Singer	Individual Rights & ADA; Katie Singer Comments
410	10202-10203	Aug. 21, 2013	John Puccetti	Individual Rights; BC Human Rights Tribunal approves smart meter class action, Citizens for Safe Technology
411	10204-10207	Sep. 30, 2016	Catherine Kleiber	Individual Rights; Wireless Technology Violates Human Rights, Catherine Kleiber
412	10208-10212	Oct. 28, 2013	Kate Reese Hurd	Individual Rights; Kate Reese Hurd Comments
413	10213-10214	Sep. 30, 2016	Patricia Burke	Individual Rights; Wireless ““Revolution” Must Be Supported by Scientific Proof of Safety for Human Health and the Environment, Patricia Burke

INDEX TO DEFERRED APPENDIX

414	10215-10216	Sep. 3, 2013	Ed Friedman	Individual Rights; Transcript of Hearing, Vol. 10, Application 11-03-014, Application of Pacific Gas and Electric Company for Approval of Modifications to its SmartMeter™ Program and Increased Revenue Requirements to Recover the Costs of the Modifications, California Public Utilities Commission; Dec. 20, 2012
415	10235-10248	Dec. 1, 2013	Julienne Battalia	Individual Rights; Letter of Complaint and Appeal, and Notice of Liability Regarding ‘Smart Meter’ and Wireless Networks, Julienne Battalia, Washington State
416	10249-10270	Jul. 7, 2016	Environmental Health Trust	Precautionary Principle; Mobile Phone Infrastructure Regulation in Europe: Scientific Challenges and Human Rights Protection, Professor Susan Perry, (international human rights law) Professor Claudia Roda (Impacts of digital technology on human behavior and social structure)
417	10271-10275	Jul. 11, 2016	Environmental Health Trust	Precautionary Principle; Wi-Fi - Children; Saying Good-Bye to WiFi A Waldorf School Takes a Precautionary Step, Dr. Ronald E. Koetzsch PhD.

INDEX TO DEFERRED APPENDIX

418	10276-10290	Jul. 7, 2016	Environmental Health Trust	Precautionary Principle; Wireless Devices, Standards, and Microwave Radiation in the Education Environment, Dr. Gary Brown, Ed.D. (Instructional Technologies and Distance Education)
419	10291-10294	Nov. 18, 2013	Richard H. Conrad, Ph.D.	Precautionary Principle; Dr. Richard H. Conrad Reply Comments
420	10295-10304	Sep. 3, 2013	Holly Manion	Precautionary Principle; Smart Meters-Firefighters; Letter from Susan Foster to San Diego Gas & Electric, California Public Utilities Commission; Nov. 8, 2011
421	10305-10348	Jul. 7, 2016	Environmental Health Trust	Precautionary Principle; Letter to the Montgomery County Board of Education Members, Theodora Scarato
422	10349-10352	Oct. 30, 2013	Diane Hickey	Precautionary Principle; Diane Hickey Comments
423	10353-10356	Sep. 3, 2013	Monnie Ramsell	Precautionary Principle; Monnie Ramsell Comments
424	10357-10409	Aug. 29, 2013	Kevin Kunze	Precautionary Principle; Kevin Kunze Comments
425	10410-10429	Feb. 6, 2013	Clara De La Torre	Precautionary Principle; Clara de La Torre Comments
426	10430-10431	Sep. 30, 2016	Center for Safer Wireless	Precautionary Principle; Center for Safer Wireless Comments

INDEX TO DEFERRED APPENDIX

427	10432-10440	Sep. 27, 2016	Gary C. Vesperman	Precautionary Principle; Possible Hazards of Cell Phones and Towers, Wi-Fi, Smart Meters, and Wireless Computers, Printers, Laptops, Mice, Keyboards, and Routers Book Three, Gary Vesperman Comments
428	10441-10443	Jul. 11, 2016	Cecelia Doucette	Precautionary Principle; Cecelia Doucette Comments
429	10444-10446	Aug. 31, 2016	Chuck Matzker	Precautionary Principle; Chuck Matzker Comments
430	10447-10460	Sep. 3, 2013	Diane Schou	Precautionary Principle; Dr. Diane Schou PhD, Dr. Bert Schou, PhD., Comments (letter sent to FCC's OET)
431	10461-10465	Sep. 3, 2013	Evelyn Savarin	Precautionary Principle; Evelyn Savarin Comments
432	10466-10468	Jun. 19, 2013	Jamie Lehman	Precautionary Principle; Jamie Lehman, Comments
433	10469-10470	Mar. 7, 2013	Marlene Brenhouse	Precautionary Principle; Marlene Brenhouse, Comments
434	10471-10474	Jul. 11, 2016	Lynn Beiber	Precautionary Principle; Lynn Beiber Comments
435	10475-10489	Sep. 2, 2013	Kevin Mottus	Precautionary Principle; Kevin Mottus Comments
436	10490-10491	Jul.13, 2016	Mary Paul	Precautionary Principle; Mary Paul, Comments
437	10492-10493	Jul. 11, 2016	Stephanie McCarter	Precautionary Principle; Stephanie McCarter Comments

INDEX TO DEFERRED APPENDIX

438	10494-10496	Feb. 4, 2013	Rebecca Morr	Precautionary Principle; Rebecca Morr Comments
439	10497-10505	Feb. 3, 2013	Nancy Baer	Precautionary Principle; Nancy Baer Comments
440	10506-10507	Sep. 2, 2013	Holly LeGros	Precautionary Principle; Holly LeGros Comments
441	10508-10509	Aug. 18, 2013	Loe Griffith	Precautionary Principle; Loe Griffith Comments
442	10510-10555	Nov. 18, 2013	EMR Policy Institute	EMR Policy Institute Reply Comments
443	10566-10572	Sep. 3, 2013	Leslee Cooper	Leslee Cooper Comments

Radiation Sickness; Catherine Morgan Comments, Feb. 4, 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)

And

Service Rules for the Advanced Wireless Services
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

)
)
) ET Docket No. 03-137
)
)
)

) WT Docket No. 12-357
)
)
)
)

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

Comment Filed by: (Name Catherine Morgan)
(Street or P.O. Box - 32)
(City State ZIP Code - OL11 3TH)
(E-mail - cathmorgan91@gmail.com)
(Telephone Number)

February 5th , 2013

AFFIDAVIT OF CATHERINE MORGAN

State of Greater Manchester, England

Britain

I, Catherine Morgan 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 Catherine Morgan. My address is 32 Fenton St, Rochdale, Greater Manchester, England
2. I am an Adult Educator and Web Designer.
3. I experience discomfort when in proximity to wireless networks. This includes headaches, inability to concentrate and increased stress levels.
4. I am concerned for my own health and that of others, particularly children
5. RF safety rules are inadequate because they are based on physics theories rather than direct biological studies. Mounting evidence points to side effects that were not initially identified or considered. The risks of proceeding without additional studies and investigation are unacceptable.

Respectfully submitted by

Name: Catherine Morgan

Address: 32 Fenton St

Rochdale, Lancashire, England, OL11 3TH

February 5th 2012,

Radiation Sickness; Angelica Rose Comments, Feb. 4, 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: Angelica Rose
21122 NE 93rd Pl
Redmond, WA 98053
Angelicarose8@hotmail.com
425-868-1497

February 4, 2013

AFFIDAVIT OF Angelica Rose

State of Washington]

King County]

I, Angelica Rose, 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 Angelica Rose. My address is 21122 NE 93rd Pl, Redmond WA 98053.
2. I am small business owner / mother.
3. **(Use concise (numbered) paragraphs to describe your interest and involvement that support your desire to change the FCC RF safety guidelines. We provided some sample text below. Please briefly discuss your personal experience with electromagnetic radiation (EMR). E.g.):**
I am an individual who is very sensitive to electromagnetic radiation. I had to hard wire my home for Ethernet because WiFi makes me dizzy, tired, and creates other nervous system problems. Being around cellphones gives me headaches and earaches, even when they are on speaker phone, and if I'm holding the phone it makes my hands shake after a few moments.
4. Dozens of scientific studies have shown negative impacts of EMR on human health, even at low levels of exposure. The most commonly accepted guidelines are the Building Biology recommendations that list 1,000 microwatts/m² as the threshold for "extreme concern"
(http://www.baubiologie.de/downloads/english/richtwerte_2008_englisch.pdf). On May 31, 2011, the World Health Organization's International Agency for Research on Cancer (IARC) classified radiofrequency fields as "possibly carcinogenic to humans." The FCC does not use biologically determined guidelines that affect health, but rather uses a standard that measures thermal heating of biological tissue. The premise that there are no adverse impacts of EMR on the human body until it is cooked is

completely ridiculous.

5. I urge the FCC to adopt new RF safety guidelines that take into account published research on the biological effects brought on by the ability of RF signals to communicate with living tissue, and more specifically, to consider the Building Biology guidelines for human health.

Respectfully submitted by

Angelica Rose

21122 NE 93rd Pl

Redmond, WA 98053

February 4, 2013

Radiation Sickness; Brian J. Bender Comments, Feb. 4, 2013

AFFIDAVIT OF BRIAN J. BENDER

State of Oregon

Lane County

I, Brian J. Bender, attest that my statement is 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 Brian J. Bender. My address is 2225 Hayes St, Eugene, Oregon 97405.
2. I am a sales associate at Down to Earth Gardening Supplies.
3. It is my opinion that the current RF safety rules are inadequate because they do not take into account biological studies, especially studies concerning residents living in high RF areas.
4. I am RF sensitive and I experience headaches and dizziness from technology the FCC deems safe (WiFi internet and Smart Meters).

Respectfully submitted by,

Brian J. Bender
2225 Hayes St.
Eugene, Or 97405
February 5, 2013

Radiation Sickness; Maggie Connolly Comments, Jul. 11, 2016

ID
1071285093899
Proceedings
GN 14-177
IB 15-256
WT 10-112
IB 97-95
ET 13-84

Name of Filer
Maggie Connolly

Type of Filing
COMMENT
Filing Status
DISSEMINATED
Viewing Status
Unrestricted

Date Received
Jul 11, 2016
Date Posted
Jul 12, 2016

Address
831 west Anapamu st
3
City
Santa Barbara
State
CA
ZIP
93101
Zip4+

Brief Comment

I am opposed to current and further wireless technologies. I have had forced on me 5 smart meters (because I live in a HOA and the electric meters are on my house). Since then I have suffered from migraines, buzzing in my brain and sleep disruptions.

Radiation Sickness; Gregory Temmer Comments, Sep. 2, 2013

The FCC non-ionizing radiation limits are unacceptable for cell phones and other wireless devices. They need to be biologically based, NOT based on theoretical limits of removing an electron from an atom. What the standards do not account for is the density of the amount of wireless devices around us. I write these comments out of being personally effected by the lack of biologically based standards. I am electro-hypersensitive and my quality of life has been directly affected by these inadequate standards. Where I work, shop, and where I stay in motels is directly impacted by the placement of cell phone towers. I avoid cell phone towers like the black-death. And in recent news, my health has gotten even worse because of the roll out of smart meters in my neighborhood. Enough! Change the standards so that people like me don't feel the energy from the wireless devices.

Please do your job and protect the public's health and your health. This is like Big Tobacco all over again times 1000. I am afraid that we are going to wake up 10 years ? 20 years from now and find that the limits that you set were horribly inadequate, and consequently all our health will be compromised as well as infertility rates will sky rocket. This issue is so important to address. Please have biologically based standards.

And remember if you don't address this issue today, I am sure this issue will come up on the next election. And what will the public think of the FCC when they find out that once again Big Wireless trumped the Public Health?

Do the right thing, have biologically based limits.

Radiation Sickness; Bernice Nathanson Comments, Sep. 3, 2013

HELP...

PLEASE HELP!

Our daughter has been SEVERELY injured by the installation of smart meters. She is only one of thousands of people in the U.S. who have experienced this pain and suffering, due to the radiation in the smart meters. As a result, she and countless others experience severe pain with exposure to EMFs and RFs. They cannot be in the presence of wi-fi, satellite tv or internet, cell towers or use their cell phones, fluorescent lighting, etc.

She has been suffering over three years with severe pain in her chest, head, and feels currents of radiation in her throat and torso, all day and night. She is kept from sleeping for 4 to 6 hours/night as a result of the severe pain. This started in the summer of 2010. It is now over three years later and she is still suffering daily and cannot find a safe place—painfree – to live, far enough away from RF sources. She is a psychotherapist. She had to close down her medical practice over three years ago and has no way of earning a living. How can we let this continue?

The utility companies financially benefit at the cost of so much human suffering. Smart meters must be permanently done away with, everywhere. We need your help.

WE DESPERATELY NEED YOUR HELP!

I am writing this with tears in my eyes, seeing the suffering that she and others are experiencing.

Radiation Sickness; Terry Losansky Comments, Sep. 2, 2013

Comments on Notice of Inquiry, ET Docket No. 13-84

September 1, 2013

Office of the Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Terry Losansky
P.O. Box 1461
Snoqualmie, WA 98065
terry@nerva.com

Dear Federal Communications Commission,

I respectfully ask the FCC to create stricter and realistically defined safety standards with regards to Radio Frequency Radiation, as I believe the current, ill-defined standards and standing exemptions have allowed unsafe and unhealthy community and work environments to emerge over the last two decades.

I am a software architect with a Bachelor of Science in Computer Science, a strong background in physics, twenty years of professional experience, and fifteen more years as an enthusiast of science, technology, computers and history. I have both a professional and personal understanding of the 'digital revolution'. It is with this experience that I have come to the conclusion the current RFR standards, practices, and enforcement in the use of wireless technologies have become a danger to public health, and is comparable to Tobacco, DDT, Lead, and Asbestos.

I came to this conclusion by several means. For years my family has been eating organic whole foods, exercising, and maintaining a healthy lifestyle. Then my wife was diagnosed with cancer, naturally leading us to research additional healthful directions, such as the removal of carpet and memory foam from our house. Still, my wife continued to feel ill in our own home, fatigued and in pain and with a host of other ailments, only feeling better when we left the neighborhood, into more remote areas.

The next vital realization was when my wife began to learn about 'Radiowave Sickness' or 'Electro-Hypersensitivity'. I was skeptical at first, but we took steps to make more changes in our home environment. We removed the cordless DECT phones. We turned off our cellphones at night and when not needed during the day. We disabled Wi-Fi in our home and used only wired internet access. We turned the power off at night. My wife had some minor positive results at first, but this did not last. She still felt better when we left the area.

We had our home evaluated for Electromagnetic Radiation sources. It became apparent the neighborhood itself was the source of the problem, with every home having several 'smart meters', most neighbors now using Wi-Fi for internet access and cordless phones in several rooms and baby monitors, local cellphone towers, and the local elementary school – a few hundred feet away – using Wi-Fi throughout the school. There was nowhere in the community that did not have a significant level of RFR exposure, a state which did not exist when we purchased the home twelve years before.

We were forced to sell our home of twelve years, virtually abandoning it in December 2012, to go stay with family as my wife's health began to plummet. The cost of further changes to our home to protect ourselves was too costly and would not protect us in our own yard, let alone the neighborhood.

It was in the process of selling our home that I personally experienced the suffering my wife has felt, though to a much lesser extent, but left me knowing with certainty the health risks we faced. Over the years we lived in our home, I had increasingly experienced pain in my teeth, around my fillings, yet I had no new dental caries or disease. I would sometimes suck on ice-chips to alleviate the pain. As we prepared the house for sale, I returned to work in the yard and within an hour the intense pain in my teeth returned as I worked a few feet from the 'smart meters' in the back yard. I realized, like my wife, I felt better when removed from the constant exposure to wireless technologies that so filled our neighborhood, and since leaving our home, I only experience the pain in my teeth when I am in locations with sever Wi-Fi-like sources.

I no longer doubt the seriousness our society faces with poorly regulated, often involuntarily high, levels of radio frequency radiation.

Since the sale of our home, we have lived in our motor home traveling from one RV park to another, staying in remote areas where we are most distant from the modern wireless 'conveniences'. We home school our daughter to reduce involuntary exposure to the constant Wi-Fi in the schools. I have walked away from actively teaching and practicing martial arts in the community.

We are searching for a community to live a safe and healthy life. Yet, with current regulatory exemptions and lax standards, there is no guarantee that any community we find will be long free of 'smart meters', WiMax, cell towers, and a host of other RFR emitting systems, both public and private that have a cumulative negative effect.

I urge the FCC to:

- Use the precautionary principle
- Remove categorical exemptions, especially for commercial interests
- Implement standards which account for multiple, simultaneous sources of exposure
- Require industry to test and publish the specification of each product
- Protect our health and environment.

Respectfully,

Terry Losansky

Radiation Sickness; Ronald Jorstad Comments, Sep. 2, 2013

PG&E installed a Smart Meter April 2009. About 2011, I started to feel sick. My joints in the hands and lower back pain began to hurt, I had numbness in my lower legs.

I also started to have bloody nose bouts when I would go in the kitchen or living room where the Smart Meter was located on the other side of the wall.

In 2012, I had the chance to Opt-Out from the Smart Meter program and DID Opt-Out. About 2-months later my symptoms

began to go, and I am feeling much better than the last two years. The Wi-Fi that this Smart Meter puts out is way over the top for the people that live in their homes 24 hours a day.

Radiation Sickness; Liz Menkes Comments, Sep. 2, 2013

The current radio frequency exposure limits have caused me to experience health problems. I moved to my new home in July of 2012. I opted out of my own smart meter as a precaution, and I have no other wireless in my home (no corded phone, no wireless router, etc.) Shortly after moving in, I noticed that my blood pressure spiked. It had consistently been about 120/70 but I was now getting 140-150/80-90. I assumed it was stress from the move. I tried different things over the next few months-- I exercised more, lost 5 pounds, focused on my diet, but nothing made a difference. This went on for 8 months. Then I saw a documentary on smart meters and realized how powerful they are (max peak signal strength of 250 uW/cm²). My neighbor's smart meter is about 12 feet from both my bedroom and my home office. I paid my neighbor the fees required to opt out. About a week after their smart meter was replaced by an analog meter, my blood pressure was back to normal-- 120/68. I believe that the smart meter was responsible for my spike in blood pressure.

According to information from our utility company (PG&E) the max peak signal of the smart meter is 2,500 mW (or 250 uW/cm²), and the average exposure over 30 minutes is .058% of the FCC allowable emissions (as per PG&E's November 1, 2011 response to the administrative law judge's October 18, 2011 ruling).

Immediate changes are needed to protect the public health. This includes the maximum exposure limit as well as the using an "average" to calculate smart meter compliance. The maximum exposure limit should be based on biological standards, not thermal standards. The current standard is outdated, based on old science from the 1980's and does not protect the public health.

Radiation Sickness; Katie Mickey Comments, Sep. 2, 2013

Eleven years ago, my business the Santa Barbara Body Therapy Institute became the site of 3 new cell towers. We were not informed and on premise when they tested the new towers. We all got a major radiation exposure on that day due to bursts of power emitted during the testing.. One employee was sitting at a desk fifteen feet from the tower and his face became red as though sunburned on the side of his face facing the tower. I felt as though I had a sunburn. these effects lasted for days afterwards.

Since then I have been extremely sensitive to exposure to RF frequency. I only get real relief in ability to rest and recharge my body, when I am outside city Cell Tower exposure.

Smart Meters are another grave menace to public health, so much so that they are banned in some European countries. Why are we requiring the population to be irradiated? Since when is it the governments job to require irradiation of its population? This is an assault on our basic rights as citizens.

I request that Smart Meters be banned as well in the US, not mandated and that the radiation limits from cell towers be raised, not lowered and that all testing of towers be done after occupants of the building have left the building for the day, or in the case of residents such as a hospital or fire station, that occupants be allowed to evacuate.

Sincerely,

Katie Mickey

Director of the Santa Barbara Body Therapy Institute

Radiation Sickness; Karen Nold Comments, Sep. 2, 2013

Comments on Notice of Inquiry, ET Docket No. 13-84

September 1, 2013

Office of the Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Karen Nold
P.O. Box 1461
Snoqualmie, WA 98065
Karen@MeansForChange.com

Dear Federal Communications Commission,

I am writing to inform you, as others are, of the deleterious effects of Radiofrequency radiation and the very dire need for more restrictive exposure standards, independent research regarding adverse health effects of RFR, and policy making from agencies more invested in public health than the interests of industry.

I have a Bachelor of Science in Environmental Policy and Assessment and have been a stay-at-home mom with my home being my primary place of 'occupation' for 8,760 hours per year for the past 13 years as I managed my families' health and well-being. I learned about the three smart meters at my home in October 2011 while doing research after a breast cancer diagnosis. I discovered smart meters emit RFR continuously, as do the cordless phones and Wi-Fi routers situated on my neighbor's wall just 15 feet from my kitchen, where I experienced the majority of my 'occupational' exposure. I learned that communities world-wide are bathing in voluntary and involuntary RFR exposures from Cell and Cordless Phones, Bluetooth, Wi-Fi, Wi-Max, Smart Meters, DECT, TETRA, and Cell Phone Towers/Masts, etc., and will continue to in a much more fervent manner if industry has its way.

After the original diagnosis, cancer returned. It is interesting to note that upon entering my home I felt pain which subsided when I left. My home had become uninhabitable. According to Dr. Dietrich Klinghardt, a measurement of microwave radiation over 5 Microwatts per square meter is unacceptable in the sleeping area. I located a Building Biologist and Environmental Consultant – an expert in the field of Electromagnetic Radiation Assessment. The report indicated measurements of 142, 206, and 280 $\mu\text{W}/\text{m}^2$ in my bedroom. Our front door had the highest reading of 650 $\mu\text{W}/\text{m}^2$, from an unknown source, and our neighbor's Wi-Fi and cordless phones were detected, as were the smart meters and other sources. I unwittingly sunbathed and watched the children play within 4 feet of our backyard smart meters which lacked any kind of distance or health warning.

During a visit to Seattle's Space Needle observation deck my heart started to race and I felt weak and nauseous. I was certain I was going to lose my lunch in front of everyone! My husband's analyzer confirmed a strong Wi-Fi signal so I returned to the bottom of the Space Needle where the symptoms dissipated. On the way home as we drove past the local fire station, I felt my heart race again, which subsided as we passed.

I had massive unexplained hair loss, racing heartbeat, persistent shortness of breath, excessive stress hormones, tingling, vision impairment, metabolic and digestive issues, chronic inflammation, pain and burning under my arm, noise disturbances in various buildings (from smart meters), and a general loss of strength, energy and vitality.

Prior to Christmas 2012, I couldn't stand it anymore and we evacuated our home to stay with relatives two hours away – my daughter ripped from her school, friends, community and routine. We were forced to sell our house as death was eminent if I stayed. I wrote a 30 page letter to the FCC and others and slowly regained some solid ground with my health as we moved three times to the homes of friends who were willing to turn off their Wi-Fi and cordless phones – some noticing a decrease in their symptoms with the disabled wireless. We couldn't move to an apartment and be subjected to the wireless habits of adjoining neighbors, or risk a bedroom wall with a dozen or more smart meters on it. After daunting medical bills from cancer, we didn't have the money to buy a large enough piece of property to evade the smart meter infrastructure and cell towers, etc.

We bought a motorhome and now travel to RV parks keeping our distance from the abundance of RFR; however, I am unable to spend time at family activities in the lodges because they use Wi-Fi. I've had to sit in pain as other RVs pull in and set up their wireless devices. With each additional exposure, I am becoming more affected by RFR – now I experience pain just sitting at a table when people have their cell phones in transmit mode. I can feel pain as I pass through the microwave path of cell towers when I drive. Coming from a person who notices – cell towers are unsightly, intrusive and everywhere. They are inappropriately located dangerously close to the most vulnerable, at retirement homes, schools, playgrounds and churches.

My daughter shops for me now while I sit in the car, away from Wi-Fi. I can no longer dine in public because even if they don't have wireless, it bleeds in from multiple adjoining businesses. I am unable to carelessly go to the mall, visit friends, stay in a hotel, go to the doctor, get a massage, go to any WiMax-fortified city, or care for my daughter in society, unless I choose to risk the pain, exhaustion, brain-fog, and growth of existing cancer. Yes, I feel, intensely, wireless technology affecting the cancer as it resides in a tight location densely populated with nerves.

In addition to my own experience with adverse health effects of RFR, I think it important to share how local utilities treat their customers, given their unfettered regulation. Our utility, Puget Sound Energy (PSE), was evasive as I was told I didn't have a smart meter – like in California. A manager informed my customer service rep that our AMR system “puts out less rays than a smart meter – about the same as a phone module.” I was told a signal is transmitted up to 4x/day or 1x/day near midnight, only to hear from another representative that the meter sends a signal 1x/5minutes. **Interestingly, our EMR Assessment indicated 160 $\mu\text{W}/\text{m}^2$ with bursts about every 30 sec to 300-420 $\mu\text{W}/\text{m}^2$.**

When I asked if I could forward them a video about the health effects of smart meters, I was informed that PSE has all the information out there and their meters are not smart meters. In a later conversation with PSE, my husband was told that PSE was aware of the issue and were working on it. We can't 'opt out' because there are no analog meters. When I asked PSE, “Does the Cellnet AMR system use a Switching Mode Power Supply?” their written reply was, “PSE does not track this information.” Really?! **Utilities are not required to track health/safety data of devices they force upon us?**

PSE even emailed me a few methods that other customers have shared to shield their meter and protect themselves from exposure. Although, I think it kind of PSE to offer some remedies that may have helped

other customers, this confirms that other customers are experiencing concerning issues with their smart meters.

Some may argue that I must be sensitive – everyone doesn't respond this way. I didn't respond this way either... before. I have become sensitized to the chronic and multiple RFR exposures just as others have before me, worldwide, and will continue to after me, until governments make public health a priority. There is something seriously wrong with a society that values profit over public and environmental health – that makes consumers bear the burden of proof of the ill effects of a product, instead of requiring the manufacturer to prove safety BEFORE it goes to market.

There are hundreds of studies showing biological/health effects below the current FCC thresholds. Instead of the FCC taking action to increase public safety, they have taken steps to reclassify the pinna, or outer ear, as an extremity, creating less stringent exposure standards. This is clearly not an action with the interest of public health and safety in mind, just the interest of industry.

I am suggesting before more people, animals or plants are injured, or dead, due to the frivolous expansion of this Wireless Age that the FCC decrease maximum permissible exposures; take the advice and direction of the 29 international experts who authored the 2012 BioInitiative Report after studying over 1800 new (post 2007) peer-reviewed scientific studies and concluded again "that exposure to EMF and radiofrequency radiation (RFR) produces biological effects and adverse health effects at levels significantly below existing public exposure standards, and substantially below levels identified in 2007;" and place the health/safety of the United States before the interests of industry. I hope the FCC finds these numerous public comments as 'proof' enough of a serious problem.

Respectfully,

Karen Nold

Radiation Sickness; David DeBus, PhD. Comments, Jul. 8, 2013

Comments on Notice of Inquiry, ET Docket No. 13-84

Dear FCC,

Please consider how sensitive our biology has recently proved to be to electro-magnetic fields and radio frequencies. It is past time to lower to acceptable limits drastically on these fields and frequencies.

The World Health Organization and quite a number of researchers from many European countries have reached this conclusion—how emf and rf affect pregnancies, mental and emotional life, biological functions like transfer-DNA in the replication of genetic material, and the human heart.

It is this last that is so dramatic for me—I did not want to believe that the pulsing of a “Smart Meter” would produce profound and threatening arrhythmias in my own heart, but it did.

David DeBus, Ph.D.

Radiation Sickness; Jamie Lehman Comments, Jun 20, 2013

Dear Sir or Madam:

The FCC limits on radio frequency need to be severely lowered. Multiple layers of electro smog are not being accounted for in the safety limits. More and more people are becoming severely sickened, are living out of their cars as a result of the so-called Smart Meters on and about their homes, and some are becoming severely violent from wireless radiation. People are having to give up their life savings and flee to the Radio Free Zone just to escape the unbearable health symptoms of environmental radiation exposure. There are over two thousand studies that have come across my computer indicating the horrific adverse biological effects of wireless radiation. We need to adopt the Precautionary Principle.

A single home may have forced pulsed radio frequency signals continuously, 24 hours a day, 365 days per year from:

- Wireless water meter transmitters
- Electric supplier meter transmitters with two wireless modems
- Gas company wireless meters
- Utility routers on poles

Non-pulsed radio frequency from:

- Cell towers
- Wireless home routers
- Personal cellular phones
- Wireless computer devices
- Wireless home security systems
- Cordless phones
- Baby Monitors

I had serious central nervous system injury and was hospitalized due to pulsed radio frequency via utility Smart

Meters. I began to develop a stutter, my memory was failing, I had heart attack symptoms, my internal organs began to heat up and felt like they would explode, I received shocks to my head and metal on my teeth, lost control of my bladder after walking up to a Smart Meter, had severe insomnia, chronic bronchial infection, numbness and tingling in my extremities, and extreme anxiety just to name a few of my symptoms. Our electric Smart Meter was removed, but I was not able to begin to function again at our home until two neighbors removed their electric Smart Meters. Nine months later, I have still not fully recovered.

The adverse biological effects of wireless radiation affect every cell in a person's body. Your tissue does not have to be on fire in order for damage to occur any more than your tissue has to be on fire to know that there are long term consequences to tobacco smoke, alcohol, and other drugs.

I urge you to act now to lower the permitted wireless radio frequency levels before you or someone you love begins to show the signs of radiation sickness. You too may find yourself facing a horrific health situation that is extremely difficult to cope with.

Sincerely,

Jamie Lehman

Sent From My Plugged In Computer
Wi-Fi Injures Your Family & Pets
doctorsforsaferschools.org
radiationrescue.org

Radiation Sickness; Jane van Tamelen Comments, Jun. 11, 2013

Comments on Notice of Inquiry, ET Docket No. 13-84

A “Smart Meter” was installed in our home near my mother’s bedroom with no explanation or warning of the possible radiation dangers. About a year later she was diagnosed with breast cancer and had to have a mastectomy. We had to pay a fee to have the meter removed.

Jane van Tamelen

23570 Camino Hermoso

Los Altos Hills, CA 94024

Radiation Sickness; Sebastian Sanzotta Comments, Jun. 9, 2013

RF exposure is extremely hazardous & the FCC must take immediate action to roll back the onslaught of the Telecommunications industry, before this country virtually collapses from a disabled population! I have 9 years experience in Health Care, with 5 years of in-school (not online) College training. I am also a 5 year Navy Vet with two tours in the Persian Gulf. I am currently on the verge of losing my job/career due to Electrohypersensitivity (EHS). I am 38 years old, a physically active person, with 3 marathons & countless road races under my belt, & now I have been virtually reduced to a disabled person being forced to live like a prisoner because there is almost nowhere to go without extremely high levels of RF exposure. I live in NE Ohio, & over the past 2 years it has become an electrosmog cesspool. I own two very accurate RF detection meters to measure RF exposure, & I can definitely confirm that it is impossible to drive down a road, go into a store/any building, or go to work without massive continuous RF exposure! Almost all stores, restaurants, & places of employment have wi-fi now. The cell towers have gone up at such an alarming rate in just this past year that they are nearly on every street corner. In some cases there are 8 or 9 towers in a 1-3 mile radius! My RF meter has read some towers emitting many thousands of mV/m at continuous levels, blanketing entire local towns. In addition to the cell tower radiation, most people are getting blasted by continuous RF radiation in their own homes by wireless routers provided by their phone & cable companies (AT&T, Time Warner, etc). Their DECT cordless phone bases are also emitting constant high levels of RF. Smart phones also emit a constant high level of RF even when not being used. I have proven this over & over to my friends with my RF meters. Now First Energy is currently vigorously trying to install wireless smart meters

over all of NE Ohio! **They are trying to get them put in before the FCC makes a decision.** The FCC needs to stop dragging their feet & take action to establish much safer RF exposure limits now! All the necessary scientific data showing RF to be harmful has been known for decades! Americans are starting to become aware now as more & more health problems undeniably & obviously related to RF exposure are showing up. If the FCC does not take action to stop this RF poisoning of our society now, then they will end up as complicit in a mass genocide! They have already pulled off a miracle in deceiving Americans from making the connection between the ever increasing autism epidemic & RF exposure. The FCC needs to establish safety standards for RF & at the very least **acknowledge the hazards involved with exposure & mandate the Telecom Industry to include hazard warnings on all their products!** RF is a carcinogen & the public needs to be informed. This is why parents allow their children of all ages to use & be exposed all day long to RF. As a result, children are becoming so addicted to RF technology that the great majority of them are sleeping with their constantly emitting smart phones under their pillows! Most children keep their smart phones in their pockets directly on their bodies. Smart phones are so powerful that using them on speaker phone is not safe either! In fact, the high powered constantly emitting smart phones & wi-fi technology has doomed anyone who wishes not to use RF technology to either constant exposure or living a life of a prisoner in their homes.

Now they want to put RF emitting smart meters for Gas, Electric, & Water on our homes! Recently **First Energy installed *digital meters* in our area & is telling us that the digital meters do not emit RF. That is a flat out lie! My RF detection meter reads constant high levels of RF**

emissions from the digital non-smart meters as well! Even the PUCO stated to me that the digital meters are wireless! They do have labels on them that state they comply with part 15 of the FCC rules, so they definitely have wireless transmitters....but **First Energy denies that they emit anything.** In fact they are saying all their meters only emit 1/10 of a second every 15 minutes & that it is less than a baby monitor. Many people like myself with RF detection meters have proven that a complete lie!!! All digital meters constantly emit higher than advertised levels of RF. IT HAS COME TO THE POINT HERE IN North East OHIO WHERE AN EHS PERSON LIKE MYSELF HAS VIRTUALLY NO WHERE TO GO WITHOUT BEING HIGHLY RADIATED BY RF. The RF levels from the cell towers just driving down the street in any direction are staggering! My parents are also having negative health problems in their own home since they recently erected 3 towers very close to their home. Now they have to move! And that is a complete gamble because there is no regulation on the Telecom Industry, so they can build a tower anywhere anytime. **THIS IS TRULY RADIATION WITHOUT REPRESENTATION!** Currently Ohio does not have any opt out legislation to even give the people a choice on smart meters. The PUCO is currently making a law for allowing an opt-out however, they are working in the interests of the monopoly tyrant company First Energy & penalizing anyone who opts out with high meter reading fees! These fees could range from \$60-80 per month!

The Telecommunications Act of 1996 prohibits the removal of a cell tower due to human health hazards. This Act MUST be amended!!!!

There are currently no warnings on the packaging of RF devices.

Warnings need to be implemented so parents can make an informed decision on how to protect their children. This technology is like an addicting drug to any person, but for children it is like Crack!

The FCC needs to quit pretending that RF does not damage cells! The FCC needs to start acknowledging hard proven scientific facts concerning damage to human cells & DNA! It is because everyone today are constantly being bathed by RF in their homes, on the road, at work, & at the stores/restaurants that we are in a drastic Nationwide (actually Global) health hazard epidemic NOW! **Our bodies are not able to recover at a cellular level due to the constant RF exposure. I see it every day & it has become especially apparent in the last 2-3 years. I have seen this first hand in my health care career.** I have extensive training & experience as a licensed Radiographer, Bone Densitometry, & Blood Lab. I have a very good understanding of both ionizing & non ionizing radiation from my Military & Health Care training. **The problem is that the FCC & the FDA do not recognize RF as an official hazard & they have kept the medical doctors/community largely in the dark. Therefore, people get bounced around to doctors & completely drugged up on serious medications like Adderall, when the root of their problems (RF) is not even considered or diagnosed.** In fact I discovered that recently **the entire city of Detroit ran out of Adderall!** Doctors are giving powerful sleeping pills & psychotropic drugs out like candy, which is only masking the RF epidemic! Official Gov't data shows that the entire country is fatigued & sleep deprived!

During the past 2-3 years I have personally witnessed hundreds of patients suffering from RF exposure & both they & their doctors have NO IDEA where the problems are coming from! I can't even count how many times patients have broken down in tears & actually asked me for help! I am just a tech, & hundreds of people ask me for help because they can't get it from their doctors! The FCC needs to act immediately because the lid on this healthcare catastrophe of epic proportions is ready to blow at any minute right now!

Here is why I know this: **It only takes me 60 seconds or less to get a person who has been suffering for 2-3 years (under physician's guidance) to get to the "ahhh haaa" moment, & make the realization that all of their health problems EXACTLY correlate with when they got their smart phone, or wireless router in their home!** It is the constant RF exposure that is causing the most common symptoms that I see on a daily basis.

Those symptoms are: **Fatigue, insomnia, headaches/migraines, ADHD symptoms, short term memory loss, weight gain/obesity, hormone trouble, thyroid trouble, vision loss, ringing in the ears, joint pain, & muscle pain.** And if a full grown healthy adult gets ADHD symptoms out from nowhere (after constant RF exposure from their device, cell tower, or wi-fi)...then what do you think it's doing to do to children (*both born & unborn*) in regard to autism???? It is common sense.

Because the FCC & the FDA have failed to inform the people as to the hazards of RF exposure, people can have joint degeneration or cysts on their fingers where they hold their phones, waist line, or any part of their body in direct contact with a wireless device, & they fail to make

the mental connection as to the source of the problem! Everyone believes wireless is safe because it so available & there are no hazard warnings! The Media has also completely failed to inform the public as to the hazards of RF. **Obviously the same people that own *Big Telecom* also own the Media.**

The Government does not get a pass either! I made inquiries at the local libraries here in NE Ohio & all 80 of them have constantly emitting wi-fi & it was mandated by the Government. **The libraries were ordered to install wi-fi with Government dollars or else all future funding would be cut off!** I also confirmed that local schools are actually targeted by officials for cell tower placement! This is easily confirmed by driving around & seeing that the majority of schools around here either have cell towers on school properties, or directly adjacent, or nearby. I continually witness children playing sports out on the school fields while being bathed in very high levels of constant RF. And if the kids aren't getting it outside, then they are getting it from wi-fi in the schools! This policy has been vigorously pushed by President Obama himself! **Last year (2012) Mr. Obama campaigned at a local school in Mentor & as a parting gift he gave them 200 wireless "teaching aids".** Less than a year later, the entire Mentor school system has gone wireless & they require all their students to carry & use wireless devices. I have personally seen the President promote super wi-fi, wi-max, & super broadband in many televised speeches. This lethal technology is obviously being pushed on us from the highest levels!

Even though endless mountains of decades of evidence showing RF to be hazardous, has poured in, the FCC continues to get away with arguing it is safe based on ridiculous assumptions about “thermal heating”. The FCC seems to think that they can stall from taking action indefinitely based on the argument that no one can prove RF to be “unsafe”.

Here is what I propose the FCC should consider when deciding whether or not to prevent the entire US population from being murdered by this absolutely proven lethal technology:

Instead of arguing that it can't be proven “unsafe”. Before ramming this lethal technology down all of our throats *in our homes, on the road, at the store, & at work....***why doesn't the FCC PROVE THAT IT IS SAFE!!!!**

Where is the documented absolute proof that constant long term RF exposure is safe to humans???? Why is the FCC allowing the entire population to be radiated at very high constant levels, by a technology that has not been definitively proven SAFE? If the FCC is so sure that this RF radiation exposure is safe, then **will the FCC please put it in clear writing that they guarantee this radiation exposure will not cause us or the animals biological harm?**

Is the FCC ready to put a guarantee in writing that RF is safe, & that they assume all responsibility for any health problems incurred from RF exposure??? The lid is ready to blow off this thing now. It won't take people much longer to make the mental connection as to where their health problems are coming from. The FCC should have taken action on this issue at least 25-30 years ago! I was a healthy productive person who has been reduced to a disabled person. I know many

others like me, & who are quickly on their way to it! There can be no doubt as to the cause, because both myself, & people I know, clearly react & have symptoms only during RF/EMF exposure! My reactions have been clearly documented by MD's that I work with! **All my EHS symptoms go away when I isolate myself in the lead lined x-ray room!** I know others that have documented proof by co-workers that they react to RF exposure at work. More & more full-fledged MD's are educating themselves (with no help from the FDA) on EHS & hazards of RF. I have witnessed a number of doctors realize that people's sleep problems & fatigue are absolutely directly correlated to their RF exposure! More doctors are becoming aware that RF affects the glands, & epidemic population-wide issues are being caused by this!!! Standard blood tests do not show it & doctors are figuring it out on their own. Now is the time for the FCC to start looking like the good guy in this terrible disaster before it is too late! Please help us now!!!!!!!!!!!!!!!!!!!!!!!!!!!!

This is a quote from a fellow commenter & it deserves to be posted again!

Archives of Zory Glaser documenting health effects of RF exposure seen by the Navy
available at magdahavas.com on line.

It is even more unconscionable that the FCC is actively promoting the unhealthy exposure of all American to RF radiation by promoting the use and expanded use of WiFi in all settings of our life. We are literally being slowly microwaved 24 hours a day to the

detriment of our health. This must stop immediately; the FCC must take corrective action to rid all Americans of this unhealthy exposure. Just because we cannot see, feel or taste this agent does not mean it is not harming us on a cellular level because it is. The FCC guidelines governing RF exposure must reflect Radio Frequency radiation's inherently harmful nature and be lowered 1 million times to .0001uW/cm² as recommended and defended by the recent update of the BioInitiative Report to avoid known harmful biological effects above this level. Please see the entire BioInitiative Report at bioinitiative.org and enter it into the official record. FCC guidelines must immediately acknowledge and exposure levels of RF radiation permitted be reduced to take into account non-thermal biological effects of RF radiation. They need to be adjusted significantly downward to account for special populations such as children, pregnant women and the elderly. The exposure level of the guidelines must be additionally lowered to account for long term exposures inherent to cell tower admissions and other continuous exposures of our population to RF radiation.

The FCC needs to stop immediately facilitating, encouraging, and supporting the reckless, aggressive and pervasive expansion of WiFi and other wireless exposures due to the involuntary exposure of our population to RF radiation which is inherently biological harmful to humans. By exposing us to WiFi in our homes, workplaces, retail locations and in other forms like smart meters and whole communities with WiMax, you are making people sick with Electrosensitivity which has been recognized as a medical condition by other countries. You are giving people cancer; see sworn declarations discussing the association between Leukemia and other cancers and EMF or RF radiation levels similar to that used by WiFi.

The FCC needs to immediately inform each and every Americans of the inherently harmful nature of RF radiation as a biotoxic agent so they can take corrective action to

protect their health and the health of their families, coworkers and communities. People are getting electrosensitive and I can bring them to the FCC to testify. People are getting cancer due to heavy long term exposure to cell phones and other RF radiating devices. I can bring them and/or their surviving family members to the FCC to testify. Without adequate safety standards in place, we are the experiment-the research as you allow mass microwaving of our population with RF radiation. The FCC is currently allowing wireless companies and manufacturers of wireless devices to experiment with our health and our lives. People are getting sick. You are disabling our work force; you are killing our workforce with cancer.

The FCC needs to immediately post every scientific article ever published regarding the biological effects of all EMF's but especially RadioFrequency Radiation. The FCC needs to immediately make available on their website all of the warnings from every

country in the world regarding the dangers of RF radiation to humans. Because almost every American is effected by RF radiation exposure and relatively few visit you site, you need to immediately warn each and every American of the science available showing non-thermal effects from RF radiation used by WiFi and all other wireless devices.

Instead of actively expanding RF exposure, the FCC needs to actively reach out to the medical field and inform them of the symptoms of Electrosensitivity and cancers prone to be associated with RF radiation exposure, to aid with diagnosis and treatment of their patients and actively collect and synthesize information regarding observed health effects of RF radiation on our population. As it is now no one is actively communicating with our medical professionals or collecting necessary data to track Electrosensitivity in our population or track the increase in cancer amongst heavy wireless users (3-8 hours a day) and/or those highly RF radiation exposed. To ignore this responsibility or place it on others while actively promoting the spread and mass exposure of this harmful agent is irresponsible and willfully destructive to our population. Finally, the FCC guidelines

governing RF radiation emissions need to immediately be lowered 1 million times to provide a protective exposure level that avoids known non-thermal biological effects as articulated, supported and defended in the Bioinitiative Report. For the FCC to continue to deny the evidence indicating the existence of non-thermal biological effects of RF is irresponsible, malicious and criminal due to the harm and death that it can cause.

Radiation Sickness; Taale Laafi Rosellini Reply Comments, Mar .7 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

Reply Filed by: Taale Laafi Rosellini
P.O. Box 630
Santa Cruz CA 95061-0630
taale@africanfamily.org
831-531-2199

March 6, 2013

AFFIDAVIT OF Taale Laafi Rosellini

State of California

Santa Cruz County

I, Taale Laafi Rosellini, 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 Taale Laafi Rosellini. My address is PO Box 630, Santa Cruz CA 95061-0630.

2. I am a Teacher, Writer, Lecturer, Founder/Executive Director of African Family Film Foundation, an all-Volunteer 501(c)(3) Educational Nonprofit Organization, Independent Stemtech Distributor and Award-winning Independent Documentary Filmmaker. As a Peace Corps Volunteer I set the record for years of service in one country. I speak in nine languages, and am fluent in at least four of them.

3. Over the past five years I have studied and read extensively the issue of Electromagnetic Fields and Electromagnetic Radiation with particular focus on the biological effects on living tissue and the long-term implications for the very survival of life on planet Earth, and I take this matter with utmost seriousness and urgency. As a concerned citizen, alarmed by the exponential increase in adverse health conditions worldwide that parallel—and are now documented with over 6,000 scientific studies showing a causal relationship—the exponential increase in the use of wireless technologies and the clear and present danger they pose to all humanity, fauna and flora, I have taken it upon myself to alert the public. I have addressed numerous City Council Meetings in Santa Cruz County and Monterey County, Board of Supervisors Meetings in the Counties of Santa Cruz and Monterey and the California Public Utilities Commission in San Francisco.

4. I speak from personal experience of actually feeling the harmful effects of wireless radiation. In my own neighborhood, County and State, PG&E and the Water Districts have installed countless wireless “Smart Meters” and mesh networks, Telecoms have set up cell towers, antennae, repeaters, etc., — all this exponential increase in microwave radiation has created a “soup” of radiation that is adversely affecting the health, ability to

function, to work, to sleep, to live at peace of not only myself, but also millions upon millions of human beings.

5. On November 18, 2010, I attended an enlightening conference on EMF/EMR that was held at the Commonwealth Club on Market Street in San Francisco: “Health Effects of Cell phones, Wireless Technologies & Electromagnetic Fields with Leading Experts”. I have come to the conclusion that the human race is in the process of maiming and “pushing over the cliff” countless human beings, in large part via microwave radiation, and has embarked upon on a path of no return, the path to the Sixth Great Extinction.

6. In the United States, we have the second worst EMF/EMR standards in the world, second only to the United Kingdom. What we are doing in the USA would be illegal in China, Russia and Vietnam. Austria, Liechtenstein, Switzerland and many other European countries protect their citizens and have stringent EMF/EMR standards. The officials of the FCC, of the government of the United States of America, have the ability to wake up and change the FCC RF safety guidelines. The guidelines are woefully inadequate and out-of-date and do virtually nothing to protect the public from numerous adverse health effects, conditions, diseases. We are already in the midst of a veritable Tsunami of cell death, death of brain neurons, chromosome aberrations, brain tumors, brain cancers, eye cancers, face cancers, shoulder cancers, acoustic neuromas, Alzheimers Disease, Parkinson’s, Fibromyalgia, Advanced Lyme Disease, MS, ALS, Autism, Diabetes (one form is entirely caused by EMF/EMR), Sleep and Learning Disorders, and the list goes on and on and on. PLEASE PLEASE PLEASE WAKE UP! Take Action that will reverse this trend and stop the madness, this insanity on steroids. Thank you for your kind attention to this matter.

Respectfully submitted by

Taale Laafi Rosellini

PO Box 630

Santa Cruz CA 95061-0630

March 6, 2013

Radiation Sickness; Robert E. Peden Reply Comments, Mar. 7, 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

Reply Filed by: (Robert E. Peden)
(5106 Lenore Street)
(Torrance, CA 90503)
(lopaka1998@yahoo.com)
(310-316-7673)

March 6, 2013

AFFIDAVIT OF Robert E. Peden

State of California]

Los Angeles County]

I, Robert E. Peden, 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 Robert E. Peden. My address is 5106 Lenore St., Torrance, CA 90503.
2. I am a Network Specialist.
3. I am writing to express my concerns on the current RF safety guidelines. I believe that the current established IEEE and ICNIRP guidelines are inadequate to protect people from biological effects of long-term exposure to his kind of RF radiation.
4. I have had some adverse, unintended effects due to the current safety guidelines – primarily tinnitus and trouble sleeping. These effects occurred shortly after the installation of a RF emitting smart meter by my electric utility, SCE.
5. In addition I often hear an odd humming in the early hours of the morning that did not exist before SCE forced these RF-radiating smart meters upon us.
6. I would like it noted that the IARC of the World Health Organization has classified radiofrequency radiation as a class 2B possible carcinogen in May 2011.
7. The current public safety standards are 1,000 to 10,000 times higher than levels that are now often reported in mobile phone base station studies to cause bioeffects – see <http://www.bioinitiative.org/conclusions/>
8. I am in favor of a SEVERE DECREASE in the current limits to protect us from further harm while the long-term effects are studied. In other words, the RF safety regulations

should recommend significantly lower limits than they currently do. This is the only safe action – to err on the side of caution until long term studies come out that can determine exactly what exposure level is safe on a biological level to humans.

9. We deserve a safety limit that is based on biological effects. I recommend that the FCC encourage Congress to allocate resources to the EPA to establish biologically based radiofrequency radiation safety limits. Several long and short-term studies should be performed. This is the only way to ensure that the studies are nonpartisan. This will ensure untainted results and help guarantee public safety in the future.

10. As an additional safety measure, I recommend that a moratorium be placed on sales of new spectrum, transmitting utility meter installation, and installation of additional base stations for a wireless service while the above recommended studies are underway.

Respectfully submitted by

Robert E. Peden

5106 Lenore St.

Torrance, CA 90503

March 6, 2013

Radiation Sickness; Marilyn L. Peden Reply Comments, Mar. 6, 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

Reply Filed by: (Marilyn L. Peden)
(5106 Lenore Street)
(Torrance, CA 90503)
(marilyn.peden@yahoo.com)
(310-316-7673)

March 6, 2013

AFFIDAVIT OF Marilyn L. Peden

State of California]

Los Angeles County]

I, Marilyn L. Peden, 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 Marilyn L. Peden. My address is 5106 Lenore St., Torrance, CA 90503.

2. I am retired.

3. I am worried about the current RF safety guidelines. I don't think that the current established IEEE and ICNIRP guidelines are adequate to protect people from biological effects of long-term exposure to RF radiation.

4. I have had an adverse effect due to the current safety guidelines - and that is tinnitus. This problem occurred just after SCE installed a RF emitting smart meter on my house.

5. I would like it noted that the IARC of the World Health Organization has classified radiofrequency radiation as a class 2B possible carcinogen in May 2011.

6. The current public safety standards are 1,000 to 10,000 times higher than levels that are now often reported in mobile phone base station studies to cause bioeffects.

7. I am in favor of a SEVERE DECREASE in the current public RF safety limits to protect us from further harm while the long-term effects are studied. In other words, the RF safety regulations should recommend significantly lower limits than they do now. This seems like the responsible thing to do.

8. We deserve a safety limit that is based on biological effects. I recommend that the FCC encourage Congress to allocate resources to the EPA to establish biologically based

radiofrequency radiation safety limits. It is imperative that several nonpartisan long and short term studies should be performed. This will help guarantee public safety in the future and allow a biologically safe limit to be set.

9. As an additional safety measure, I recommend that we restrict future sales of new spectrum, transmitting utility meter installation, and installation of additional base stations for a wireless service while the above recommended studies are ongoing.

Respectfully submitted by

Marilyn L. Peden

5106 Lenore St.

Torrance, CA 90503

March 6, 2013

Radiation Sickness; Doreen Almeida Reply Comments, Mar. 5, 2013

My life, and so many others around the world, has been severely adversely affected by electromagnetic pollution to the point that many of us are already homebound. Please consider lowering the acceptable safe limits of exposure to EMR.

I endorse the statement made by Joel Moskowitz, Ph.D. in his Comment filed on 02/04/2013 (<http://apps.fcc.gov/ecfs/comment/view?id=6017161984>), as excerpted below.

"In my professional opinion, the FCC should request the EPA to empanel a Working Group composed of health experts who have no conflicts of interest with industry to review the scientific literature on EMR. The Group should recommend biologically-based EMR standards that ensure adequate protection for the general public and occupational health based upon the precautionary principle. Finally, the FCC should adopt the standards, testing procedures, and appropriate precautionary warning language recommended by the Working Group.

The FCC should not take any actions that may increase exposure of the population to EMR from cell phones, base stations, Wi-Fi, Smart Meters and other RF- or ELF-emitting devices. The FCC must especially protect vulnerable groups in the population including children and teenagers, pregnant women, men of reproductive age, individuals with compromised immune systems, seniors, and workers."

Radiation Sickness; Oriannah Paul Comments, Mar. 5, 2013

*****PLEASE SUPPORT biologically-based radiofrequency radiation safety limits. Current standards are from 1996 and based on testing a physics model of a 6-foot, 180-pound man for radiofrequency/microwave heating effects during six-minutes. There are no standards or protections against non-thermal chronic exposures, or impacts on pregnant women, children, the elderly and ill.

*****SOME 4,100 scientific studies show effects, such as DNA damage, reduction of free-radical scavengers that prevent cancer, neurotoxicity, sperm damage, cognitive effects and fetal brain damage. This includes 2,300 studies compiled by Zory Glaser for the Naval Medical Research Center in 1971 plus 1,800 more in the 2012 BioInitiative Report.

*****AS A CITIZEN, I am experiencing increased problems as a result from the RF's from our smart meter. I cannot turn this equipment off like I can a cell phone. I am being exposed 24/7 against my will. Since the meter was installed, my health has markedly deteriorated. I am also at extreme risk for cancer. The radiation emitted from smart meters is documented as a class 2B carcinogen, which further increases my risks. It is no longer a matter of IF, but WHEN I will get cancer. Those are not my words, but my doctor's.

*****It's time to change the safety standards to protect citizens against the hidden dangers from radio frequencies and non-thermal chronic exposures.

Radiation Sickness; Heather Lane Comments, Sep. 3, 2013

?I AM BEING INJURED BY RF RADIATION THAT COMPLIES WITH CURRENT FCC EXPOSURE LIMITS.? I have been driven out of my home, and my city. I can no longer work at a job because of wireless technology. I can no longer go out in public, travel, visit a hospital, a bank, a department store, gas station, food store, concert venue, cafe, or even my local public park. I left my home in June to camp in a state park, with my two cats, and could not find a campsite safe from hotspots, cell phones, or bluetooth devices. My boyfriend brought us provisions from town, and we searched for other housing, but could find none even outside the city within financial reach, and free from signal.

When hit with even very low levels of RF (0.01 microwatts / square centimeter), I regularly suffer inflammation all over my body, which often causes extreme pain. My skin can often feel painfully prickly, similar to the intense tingling sensation we all feel after a foot that 'was asleep,' wakes up. Sometimes my feet, hands and areas of my head and neck go numb, I experience severe fatigue, difficulty with breathing and thinking and even tachycardia. My cognitive abilities are heavily impaired, and I begin to lose consciousness. At its most extreme, I have lost basic motor function which hinders my mobility, and disturbance with my magnetic field, which destroys my balance.

My neighbors refusal to mitigate their cell, and wifi signal (as well as other entertainment devices) forces me into a shielded room, and limits the use of the rest of my home and backyard. It is physical, and psychological torture, and there is no escape; no matter where I go I encounter cell towers, and buildings, and people spewing toxic, DNA altering gadgets. I have measured peak signal in the city repeatedly, and have to shield my body, and my car when I do venture out, then prepare to have recovery time of hours or days after a trip to the doctor, or a local store.

There are millions suffering as greatly as I am, and many more with undiagnosed EHS whose migraines, and body pain are completely debilitating. This technology has been known to be dangerous, and must be replaced with something safe. There is also science proving it contributes to colony collapse disorder in honey bees, and they pollinate 70% of our food!

You must stop this nightmare, and begin by limiting wireless use, and requiring it to be contained in homes and buildings by it's users. My life and many others are being ruined by this, and the cancers are on their way. Listen to the canaries; we can feel the damage to our bodies, and require the pernicious signal to end!

Radiation Sickness; John Grieco Comments, Aug. 15, 2013

Comments on Notice of Inquiry, ET Docket No. 13-84

August 14, 2013

We sleep within 12 feet of a meter installed last year and since installation I toss and turn all night. My heart races, my legs twitch, and my ears ring!

I can't take it anymore. The lack of sleep and my health are deteriorating rapidly. I want this RF emitting device off the house - now!

John Grieco
Simi valley, CA

Radiation Sickness; ADA/FHA; Linda Kurtz Comments, Sep. 29, 2016

Proceedings
GN 14-177
IB 15-256
WT RM-11664
WT 10-112
IB 97-95
ET 13-84

Name of Filer Linda Kurtz
Filing Status DISSEMINATED
Date Received Sep 29, 2016
Address 2150 Foss St
City Ann Arbor
State MI ZIP 48103

Type of Filing COMMENT
Viewing Status Unrestricted
Date Posted Sep 30, 2016

Brief Comment

I can no longer be outside my home on my property because of all the wireless frequencies invading my property. When I spend more than 20 minutes outside, I cannot sleep at night. I get heart palpitations. My head feels like sheet metal is rattling inside of it. My vision gets worse. The frequencies criss-crossing my suburban home include a Comcast WiFi hotspot 300 feet from my home, wifi router signals from all my neighbors, and a cell tower 1000 feet from my home, and the 24/7 transmissions from smart electric and gas meters. The only reason I am somewhat safer inside my home is that I have aluminum siding and aluminum screens in my windows. I have experienced increasingly worsened health as a result of all these wireless insult. Now, the FCC proposes to open up all sorts of spectrum that will devastate my health even further and depriving me of the use and enjoyment of my property. The frequencies will penetrate the window screen. They will make it impossible for me to be outside at all anywhere! Living in the country will not bring relief, because the transmissions travel such long distances. I've already experienced that. Many others will submit to you scientific documentation. I submit to you my personal history. Please read below on how this sensitivity increased over time as I was subjected to more and more wireless assaults. You might not feel it. Most people I know do not. But the National Toxicology Program study shows us that we don't have to feel it to experience harm. My sensitivity to wireless frequencies started with the installation of a cell tower 1000 feet from my home. I began to have trouble sleeping and had no idea why. I didn't know the tower had been installed, because it is hidden by trees. I didn't make the association until years later—I'd always slept well. In 2008, I bought a laptop with WiFi. I was excited to think that I could be outside an on the Internet at the same time. Within a half hour of being on the laptop, I felt sick, nauseated, absolutely horrible. Like nothing I'd ever experienced. I knew what it was, though. I'd had a client just a month before, a college student who said he was "EMF-sensitive" to the point he could no longer use a cell phone, be on the computer, or watch TV. This was all new to me. I called the computer store. They told me to turn the WiFi off. It helped a little. I had to physically remove the card to resolve the horrible effects. Between then and 2012, I occasionally used a cell phone. No apparent issues, even though computers with WiFi made me ill. All of that changed dramatically when DTE Energy installed smart electric and gas meters in my neighborhood (but not on my home). I suddenly became sensitive to all sorts of frequencies. In addition, Comcast installed a WiFi hotspot 300 feet from my home, and my neighbors all have wireless routers than transmit across my property. I can no longer even be near cell phones without having transient memory issues, throbbing in my head, and other symptoms. The worst is the insomnia. As a result of unremitting exposures to pulsed RF and pulsed ELF, I experience problems ranging from light sensitivity that is so extreme that driving has become difficult (and I can no longer drive at night), to cataracts (at age 52), to fatigue, to strange sensations in my body. I can't go anywhere anymore because wireless is nearly ubiquitous. I have to get groceries and other supplies on occasion. When I do, I get home fatigued beyond all reason, my ears ringing a high-pitched ring. I don't sleep that night. This is all with just a half hour of exposure. I don't go to the doctor even when I need to: It is now a trade-off between further harm from wireless or harm from not taking care of various health conditions or foregoing recommended check-ups.

Radiation Sickness & ADA/FHA; Lisa Drodts-Hemmel Comments, Feb. 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)

And

Service Rules for the Advanced Wireless Services
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

)
)
)
)
)
)

ET Docket No. 03-137

WT Docket No. 12-357

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

Comment Filed by: Lisa Drodth-Hemmele
7411 Ida East Road
Ida, MI 48140
ldhemmele@gmail.com
734.497.2990

February 5, 2013

AFFIDAVIT OF LISA DRODT-HEMMELE

State of MICHIGAN

MONROE County

I, LISA DRODT-HEMMELE, 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 LISA DRODT-HEMMELE. My address is 7411 IDA EAST ROAD, IDA, MI 48140.
2. I am a mother, currently a homemaker, a college graduate, and the spouse of a man employed by our local utility company.
3. I request consideration in significantly lowering current electromagnetic radiation standards and changing current electromagnetic radiation policy to include non-thermal biological effects. The evidence for production of harm is not ambiguous, nor unproven. There are over 4000 scientific studies and reports documenting ill-health effects resulting from RF exposure, many at rates far below current standards.

I would like to share my story. Early in December of 2012, I began experiencing periodic tachycardia upon waking, lasting anywhere from 10 to 30 seconds. Though disconcerting, I questioned whether perhaps I had succumbed to holiday stress. Soon after, I remember my heart gave off a single and sharp irregular beat in the middle of the day. This anomaly then began occurring with more frequency in following days.

Concurrent with the irregular beating of my heart, a pressure in my head began to build, constant pressure, unrelenting and growing in severity. It was unlike the occasional headache I've experienced in the past where the slightest movement produced a pounding sensation. This headache consisted of an all-over pressure with tingling on my scalp.

I also began noticing tinnitus, especially at night. Attributing this ringing to my inability to fall asleep, I must also note that I did not feel tired. During the day, sharp piercing pains emanated in and around my ears. Soon the earaches and ringing were accompanied by a popping sensation, the same sensation that occurs in one's ears when traveling between various altitudes.

As all of these symptoms quickened in frequency and worsened in severity, I was forced to acknowledge that something was very wrong with my body. I briefly entertained the notion that maybe this was the beginning of my end, wondered if I might have cancer. Never before in my life have I had a headache for more than a day, then to have one which remained for days, weeks, coupled with earaches and popping and ringing, and most alarming, an irregular heartbeat and tachycardia. I am not overweight, have no chronic diseases. I do not take any medications, prescription or over-the-counter. I cannot recollect the last time I was truly ill. But I did what many people do; I tried to ignore what I was feeling, and hoped it would just pass.

During Christmas vacation however, family members, which include our three children between the ages of 3 and 8, began complaining of identical symptoms, headaches and earaches. Our middle child suffered two nose bleeds. I witnessed abnormal sleep patterns, insomnia/restlessness like myself. Our children's occasional squabbles turned into many a day. There were many complaints of stomachaches. I was experiencing sharp abdominal pains from time to time as well. Perhaps we were going to come down with something awful.

I waited, but no one became sick, no flu, no cold, not even a runny nose or slight cough. We made sure to check our furnace, CO2 monitors, and gas lines. The air was extremely dry with the furnace running quite a bit more than in previous months, surely more particulates in the air. There had to be a cause for what we were all experiencing, and wondered if we should possibly check for black mold.

It was near the end of December when we read at the bottom of our electric bill that four wireless smart meters had replaced our analog meters. Our house was previously a duplex with separate meters for the water heaters. My husband wasn't surprised, he was aware his company had been

installing wireless smart meters. I had heard of them, remembered reading headlines concerning issues of privacy, but thought these meters were only being used in California. Ignorant and curious, I decided it was time to get caught up on this new technology.

I was genuinely surprised to learn wireless smart meters are being rapidly deployed all over the world, to learn they emit pulsed radio frequency radiation similar to cell phones and Wi-Fi, to learn so many groups of people have formed to protest not only an invasion of privacy, but to voice health concerns. And then, I was shocked to my core after stumbling upon person after person reporting identical symptoms to myself where wireless smart meters have been implemented. I also felt relieved; relieved to think I had possibly found the source of our ill health.

With my husband employed by our local utility, I was reluctant to report our ill-health and claim a correlation to their wireless smart meters. Moreover, I was troubled to learn these ill-health effects are not being addressed, falling on deaf ears, intentionally ignored and dismissed, unable to be submitted into evidence, and too often being questioned as psychosomatic and idiopathic. The crux of the issue, how can these individuals prove causation, how can someone medically document a semi-permanent headache, tingling of the skin, ringing and popping in the ears, earaches without infection, insomnia, sharp stomach pains?

An irregular heartbeat, this can be documented. My heart palpitations had become many dozen an hour, racing a daily occurrence in the mornings with additional occurrences in the middle of the night, but a visit to the doctor and subsequent EKG revealed nothing abnormal. Blood work results were normal aside from a slightly elevated Chloride reading of 109. Trying to document my irregular heartbeat was difficult, I had begun to note my symptoms lessened and often ceased when travelling from home, or away from the smart meters. My heart always the first to quiet, then my ears, and my headache would sometimes quell. I truthfully questioned if this observation could be just coincidence, a placebo effect. It is difficult to accept wireless smart meter emissions wreaking such havoc on one's health, on my health, my family's health.

With one of the four wireless smart meters placed on an obsolete box, we immediately scheduled its removal, the first available appointment in late January 2013. In the weeks that followed, prior to the service call, we sought an electrician to consolidate the upstairs and downstairs breaker boxes. We incurred a bit of sticker shock to find this carried a \$2000 price tag. Instead, we decided to remove our water heater from its separate meter and add it to the downstairs breaker box, eliminating another meter. After further discussion, my husband and I decided to turn off electricity on our second floor to eliminate a third meter. When three of the four 3-watt wireless smart meters were removed on January 23, 2013, my symptoms remained, but they lessened considerably in severity. What this did eliminate was any remaining doubt as to the cause of our ill health, especially my ill health.

My symptoms, in the weeks since, have begun to increase in severity. Outside of our home, I am now very much aware of being near a wireless smart meter, within or near a home area network (HAN). My ears begin popping almost immediately. I am taking daily drives into areas without wireless smart meters to seek relief. A recent trip to the emergency room prompted by continuous heart palpitations now provides documented proof of my irregular heartbeat, numerous tests offering no underlying cause.

After many phone calls, filed complaints, and additional calls, our local utility will not acknowledge the possibility wireless smart meters can cause ill health effects, nor will they honor our request in providing an analog meter. I have proposed to 'opt-out' now and pay their service fees retroactive, as we wait for our state's decision. "They're safe", they continuously tell me, "As safe as cell phones," "they meet FCC standards." My rebuttal, scientific evidence has indeed offered that cell phones are not safe, people have a choice whether or not to own a cell phone, a choice in whether or not to place it to their head or carry it against their bodies, a choice in turning it on and off. Wireless smart meters transmit RF bursts every few seconds 24 hours per day 7 days a week. This is forced compliance.

These devices emit RF well below current FCC standards. But there exists a growing body of evidence proving emissions from such devices to have detrimental effects on human health. Scientists are beckoning us to err on the side of caution with RF technology, to keep devices like cell phones and Wi-Fi away from pregnant women, children, the sick and elderly. There is nothing green or smart about a 'possible' class 2b carcinogen attached to our homes.

Wireless smart meters emit pulsed radio frequency (RF) radiation, or 'switching-mode power supply' (SMPS) function which emits short sharp spikes of millisecond bursts continuously. It is well known that this can generate electromagnetic interference (EMI), 'dirty electricity', which travels along wiring within walls and radiates outward. Constant pulsing of high frequencies, in addition to the RF function, causes not only interference with other electric and electronic equipment in many homes where smart meters are installed, but can also wreak havoc on biological systems within the field of exposure.

Radio-frequency sickness, microwave sickness, is not a disease, but an environmentally induced functional impairment. It has real and disabling consequences, including the possibility of death. Experts estimate 3-5% of the population has 'Electromagnetic Hyper Sensitivity' (EHS), and continued chronic exposure may drive figures to 50% within years. This is currently an unrecognized condition in the United States.

FCC standards are among the highest in the world. In reviewing current standards, it would appear they were set to accommodate the industry, not the public. Moreover, it is astonishing these standards have not included non-thermal biological health effects. Again, there are over 4000 scientific studies and reports documenting ill-health effects resulting from RF exposure, many at rates far below current standards.

Respectfully submitted by

Lisa Drod-Hemmele
7411 Ida East Road
Ida, MI 48140
February 3, 2013

Radiation Sickness & ADA/FHA; Robert S. Weinhold Comments, Aug. 26, 2013

Regarding FC C Notice of Inquiry – Proceeding Number 13-84

Date: August 24, 2013

Name of Filer: Robert S Weinhold
PO Box 19924
Colorado City, CO 81019

Written by: Thomas C Weinhold, brother
26738 N 114th Way
Scottsdale, AZ 85262
tweinhold@outlook.com

As drafted by Robert S Weinhold (with minor edits by Thomas C Weinhold):

I have become severely disabled by wireless emissions, and am now extremely vulnerable to both wireless and a range of wired emission sources.

The first major blow came in March 2011 when my electrical utility provider installed a wireless smart meter on my house. Within 15 minutes I began to have debilitating symptoms (muddled thinking, jitteriness, overall weakness and head pressure) even though I was inside my house 30-40 feet away from the meter. After a couple hours, it was clear that this set of symptoms, which I'd never had before, were a major problem. Within 5 hours of the installation, my utility responded to my ardent pleading and removed the smart meter and put my old meter back on. But to this day I'm still fighting my utility, which still wants to reinstall the smart meter even though many utilities around the country now allow opt-outs. Mine won't allow an opt-out, and won't even explain why, other than saying in a variety of ways that they don't want to.

It took me about two months to recover, but all of the unavoidable exposures since then (even though I have no wireless devices in my own home, and work very hard at minimizing exposures while in other settings) have continued to wear down my body's defenses. I now can't tolerate emissions from any computer or phone (wired or wireless), my radio, my TV, my electric oven, or electric razor. This is all extraordinarily limiting of course, since I have become unemployed due to my condition and can have very little interaction with the rest of society. It is devastating.

When I could still use a computer, I searched the research literature and found there is an appalling lack of research on health effects specific to smart meters and their unique characteristics; on the other hand, there are thousands of studies providing clues that there can be adverse health effects in many body systems caused by non-thermal emissions from all kinds of wireless devices. For you to allow widespread rollouts of various wireless devices, and not insist first on having supporting evidence for their safety, based on hundreds, maybe thousands, of studies that address a wide range of emission and exposure conditions, is extremely reckless and irresponsible. Before allowing any further spread of wireless devices, this severe science deficit must be remedied. After the appropriate science is done, it may well be relatively easy to properly design, install, and use these devices so that people like me aren't maimed for life. Until then, it remains impossible to know who will be affected, and how.

AS part of your efforts, you should make it possible, legal and easy for individuals to avoid wireless exposures as much as possible. For instance, it is absolutely inhumane that my utility can still forcibly reinstall my smart meter if they so choose (and I have found out there is absolutely no official or agency in my state who can stop them), despite dozens of pages of information and evidence I have given them, including several letters from my doctors and many people who have known me for decades.

Thank you for your consideration, and for effectively and rapidly addressing this serious public health threat.

Radiation Sickness & ADA/FHA; Dianne Black Comments, Jul 12, 2016

Comments on FCC Proceedings 14-177, 15-256, 10-112, and 97-95

Submitted by Dianne Black, Hampstead, MD

July 12, 2016

I oppose the development of Spectrum Frontiers 5G because of health issues.

I am a 65 year old retiree who invested her life savings in a residential condominium in 2015, just prior to the installation of 24 Smart Meters on the bedroom wall. I was healthy and active, often riding my bicycle on weekends and babysitting my infant and toddler grandsons during the week. Shortly after the meters arrived, I began to experience insomnia, anxiety, mood swings, a lack of motivation, pressure on my forehead, headaches, heart palpitations, loss of balance, discomfort using the computer, inability to tolerate fluorescent lights, and most troubling of all, an intermittent humming sensation at the base of my neck and head. I began to visit doctors, have extensive bloodwork and testing, and ultimately the diagnosis was ***EHS Electromagnetic Hypersensitivity***.

I find a great deal of relief from my symptoms when I sleep at a friend's house located on 10 acres at the edge of a wild life preserve, where Smart Meter installations have not yet arrived. **I can no longer live in my condo.** I live out of a suitcase. I cannot afford to sell and move on. Well, move on where? At present there are numerous large antennae/towers within 400 feet of my residence. These towers are everywhere and you want to add more?

I put my trust in our regulatory agencies and in our government to protect me from such harmful radiation. Now I find that governments around the world are calling for "precaution", yet the FCC plans to charge forward with a 5G plan that will increase radiation, creating even more electromagnetic fields, a 5G money-making technology, and a total disregard for human health. How can this be happening in our great country? At what price?

Those of you making this decision must have family, possibly children. How can you possibly protect your loved ones from the harmful, potentially cancer causing, radiation you are about to approve? I assure you that ***EHS*** is real. I live with it every day. I beg you to **vote NO to 5G.**

Radiation Sickness & ADA/FHA; Derek C. Bishop Comments, Jul. 13, 2016

D 107132543307627

Proceedings GN 14-177 WT 10-112 IB 97-95 IB 15-256 ET 13-84

Name of Filer Derek C. Bishop

Filing Status DISSEMINATED

Date Received Jul 13, 2016

Address 74923 US HWY 111 PMB 185

City INDIAN WELLS

State CA

Type of Filing COMMENT

Viewing Status Unrestricted

Date Posted Jul 14, 2016

ZIP 92210

Brief Comment

DATE: July 13, 2016 TO: Mr. Tom Wheeler, Chairman, FCC FROM: Derek C. Bishop SUBJECT: Opposition To Proceedings 14-177, 15-256, 10-112, and 97-95; Opposition To Development of Spectrum Frontiers 5G on Health Grounds Dear Mr. Wheeler: There are thousands of scientifically established negative health and behavioral effects caused by exposure to manmade wireless transmissions. I will not recount these; but at the end of this comment I will endorse and resubmit Harvard physicist Dr. Ronald M. Powell's review of the evidence and opposition to 5G deployment that he has already shared with you. I am one of millions of Electrohypersensitive citizens in the USA who are unwilling subjects in this ongoing corporate experiment in ever-increasing wireless exposures. For many people, their symptoms of difficulty sleeping, difficulty concentrating, general sluggishness and lack of productivity (among many others) go undiagnosed. In 1997, after living for years with this sensitivity, I went to the Environmental Health Center at Dallas (www.ehcd.com). There I demonstrated in a double blind procedure that my blood pressure rose and I was able to actually say that the transmitter was "on", whenever I was exposed to the signal. Due to this environmental illness, for the past twenty-two years I have had to live in homes without Wi-Fi and live as far from cell towers as possible. I don't own or use cellphones because they give me headaches. I can't travel to urban areas as the intensity of ambient EMF is too great, causing me headaches that persist for days. I am a schoolteacher. I have had to transfer to new schools or leave regions altogether because of cellular "upgrades" and other wireless telecommunication developments. I believe very strongly that the USA already has enough wireless "connectivity." Wi-Fi hotspots in local libraries and cafes like Starbucks are "immersive" enough. People can call loved ones from their cellphones from most places in USA. We need to allow the few remaining cellular "dead zones" for cellular reception to remain as such, in order to allow sensitive people like myself safe areas to retreat to. I believe strongly that people DO NOT need to stream video content from a nationally designated Wilderness area, or even from an Interstate Highway. Voice content is sufficient. If people want more bandwidth, then they should be able to access higher speeds at homes wired by fiber optic fiber. This nation could easily supply all residential and rural areas with fiber optic. If a resident wants to convert that signal to a short-range wireless Wi-Fi at their home, then that should be their choice. If a store wants to take its fiber optic signal and convert it to a hot spot to attract customers, that is their choice. The citizens of the USA should not be compelled to live 24/7 without respite from this increasingly powerful electromagnetic matrix. In our wisdom, the citizens of the USA should accept that limits should be placed upon technology. We should consider the impact of technology on our health, and upon the health of the wider ecosystem of which we are a part. Our motto in science should not be, "We did it because we could;" but rather, "We did it because it was the right thing to do." In your letter, "The Future of Wireless: A Vision for U.S. Leadership in a 5G World," you describe the financial benefits of 5G. I ask, What will the health costs associated with it be? If people want zero lag time immersive virtual realities to enter, may I suggest that there be small-scale zones where people can go to to experience such digital hyperconnectedness? It is not in our best interests as a nation -- whether it be financially, socially, or medically -- to make the entire country one seamless AI virtual reality field. Again, please oppose development of Spectrum Frontiers 5G on health grounds! Dr. Powell's opposition to this FCC proceeding: Page 1 of 3 Comments on Proceedings 14-177, 15-256, 10-112, and 97-95 Oppose Development of Spectrum Frontiers 5G on Health Grounds Submitted by Ronald M. Powell, Ph.D. Background of Ronald M. Powell Ph.D. I am a retired U.S. Government career scientist (Ph.D., Applied Physics, Harvard University, 1975). During my Government career, I worked for the

Executive Office of the President, the National Science Foundation, and the National Institute of Standards and Technology. For those organizations, respectively, I addressed Federal research and development program evaluation, energy policy research, and measurement development in support of the electronics and electrical-equipment industries and the biomedical research community. I currently interact with other scientists and with physicians around the world on the impact of electromagnetic fields on human health. Why Oppose 5G? The National Toxicology Program at NIH has demonstrated that cell phone radiation causes cancer. The National Toxicology Program (NTP) at the National Institutes of Health (NIH) has just published the "Partial Findings" of a \$28 million multi-year study of the impact of cell phone radiation on human health. The NTP study found a causal relationship between the radiofrequency radiation emitted by cell phones and the occurrence of malignant brain cancer (glioma) and benign nerve tumors (schwannomas) of the heart in male rats. Description of NTP study: <http://ntp.niehs.nih.gov/results/areas/cellphones/index.html> Published "Partial Findings" of the NTP study: <http://biorxiv.org/content/early/2016/05/26/055699> Informative Discussion of the NTP study: <http://ehtrust.org/science/facts-national-toxicology-program-cellphone-rat-cancer-study> The NTP regarded its findings as so important to world health that it issued the "Partial Findings" as soon as it could (May 2016) and formally presented those findings at an international conference (BioEM2016, June 2016) attended by 300 scientists from 41 countries. <http://www.alphagalileo.org/ViewItem.aspx?ItemId=164837&CultureCode=en> The International Agency for Research on Cancer at WHO has classified radiofrequency radiation as a possible human carcinogen. The NTP study reinforces the classification made in 2011, by the International Agency for Research on Cancer (IARC) of the World Health Organization (WHO), of radiofrequency radiation, including specifically radiation from cell phones, as a Group 2B carcinogen (possible carcinogen for humans) because of the associated Page 2 of 3 occurrence of brain cancer (glioma) and acoustic neuroma (a benign tumor of the auditory nerve) which is a form of schwannoma. http://www.iarc.fr/en/media-centre/pr/2011/pdfs/pr208_E.pdf In fact, the findings of the NTP study, in combination with the findings of other studies conducted since 2011, have greatly increased the likelihood that the IARC will raise its classification of radiofrequency radiation to Group 2A (probable carcinogen for humans) or even to Group 1 (known carcinogen for humans) in the near future. The world's scientists have appealed to the United Nations and the World Health Organization to warn the world population about the harm to health caused by radiofrequency radiation from wireless devices. 220 scientists from 41 nations submitted an international appeal to the United Nations and to the World Health Organization in May 2015. These scientists seek improved protection of the public from harm from the radiation produced by many wireless sources, including "cellular and cordless phones and their base stations, Wi-Fi, broadcast antennas, smart meters, and baby monitors" among others. Together, these scientists have published over 2000 peer-reviewed research papers on this subject. <https://www.emfscientist.org/index.php/emf-scientist-appeal> The most detailed and comprehensive analyses of international biomedical research show a broad variety of adverse health effects from exposure to radiofrequency radiation. The health risks posed by continued expansion of the use of radiofrequency radiation in wireless devices are not limited to cancer, as devastating as that consequence is. The much broader range of health effects was reviewed in immense detail in the BioInitiative Report of 2012. This 1479-page review considered about 1800 biomedical research publications, most issued in the previous five years. The BioInitiative 2012 Report was prepared by an international body of 29 experts, heavy in Ph.D.s and M.D.s, from 10 countries, including the USA which contributed the most experts (10). The review concludes that "The continued rollout of wireless technologies and devices puts global public health at risk from unrestricted wireless commerce unless new, and far lower[,] exposure limits and strong precautionary warnings for their use are implemented." BioInitiative Working Group, Cindy Sage, M.A. and David O. Carpenter, M.D., Editors, BioInitiative Report: A Rationale for Biologically-based Public Exposure Standards for Electromagnetic Radiation, December 31, 2012 (<http://www.bioinitiative.org>). Why is Spectrum Frontiers 5G so especially outrageous to the public? It would greatly extend FCC's current policy of the MANDATORY IRRADIATION OF THE PUBLIC without adequate prior study of the potential health impact and assurance of safety. It would IRRADIATE EVERYONE, including the most vulnerable to harm from radiofrequency radiation:

pregnant women, unborn children, young children, teenagers, men of reproductive age, the elderly, Page 3 of 3 the disabled, and the chronically ill. It would likely rely on the 1996 Telecommunications Act to continue to deny state and local governments and municipalities the right to bar the installation of wireless technology on environmental/health grounds, perhaps the greatest offense to local rule of all time. It would likely rely on the FCC's current outdated, excessively permissive, and thus widely criticized, radiation-exposure guidelines that enable many parties to make false claims of safety for wireless products. Those guidelines are based primarily on a 30-year-old analysis by the National Council on Radiation Protection and Measurements (NCRP),¹ many years before the emergence of most of the digital wireless technology in use today. And the FCC's proposed move to 5G would offer no further study of safety, even though the new study by the National Toxicology Program at NIH has already found those same FCC guidelines unprotective. It would set a goal of irradiating all environments, including the insides of homes, whether single family homes, townhouses, or apartments, ending any remnant of the notion that "your home is your castle" in which you are supposed to be safe and have a measure of control of your environment. Specifically, the proposed 5G technology would blast through walls and cribs just as the current wireless technologies do. The result would be to drive even more people out of their homes than are already being displaced by the current wireless technologies. It would force cell antennas onto residential streets, bringing the threat even more up close and personal to the public. It would bypass all current studies endeavoring to determine if radiofrequency radiation is a factor in the explosive growth of major health conditions, such as autism, attention deficit hyperactivity disorder (ADHD), and Alzheimers disease, that are ruining the lives of so many people, from their youngest years to their oldest years. It would increase the prospect for exploding health care costs, with a further worsening of the national debt, and with no clear assignment of responsibility to the providers of the harmful radiation. They would continue to export the costs of the harm that their wireless products cause to society at large. It would totally ignore the rapidly growing international biomedical research literature that demonstrates that radiofrequency radiation has a host of adverse effects on human health (and animal, insect, and plant health, too) at levels far below the current FCC exposure guidelines. It would dismiss, as too expensive, the tremendous potential of wired technologies (especially fiber optics) to provide higher data rates, greater cyber security, and greater safety for human health, as if those benefits should be excluded from any cost comparisons with wireless technologies. I urge you to oppose development of Spectrum Frontiers 5G. 1 Federal Communications Commission, Office Engineering & Technology, Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields, OET Bulletin 65, Edition 97-01, page 64 (August 1997). See the last paragraph on the page to find this statement: "The FCC-adopted limits for Maximum Permissible Exposure (MPE) are generally based on recommended exposure guidelines published by the National Council on Radiation Protection and Measurements (NCRP) in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, Sections 17.4.1, 17.4.1.1, 17.4.2 and 17.4.3. Copyright NCRP, 1986, Bethesda, Maryland 20814 (http://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet65/oet65.pdf)

Radiation Sickness & ADA/FHA; Steven Magee Comments, Aug. 21, 2013

ET Docket No. 13-84 & ET Docket No. 03-137

FCC 13-39

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

In the Matter of	)	
	)	
Reassessment of Federal Communications	)	ET Docket No. 13-84
Commission Radiofrequency Exposure Limits and	)	
Policies	)	
	)	
Proposed Changes in the Commission's Rules	)	ET Docket No. 03-137
Regarding Human Exposure to Radiofrequency	)	
Electromagnetic Fields	)	
	)	

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

Comment Filed by: Steven Magee CEng MIET
3618 S. Desert Lantern Road
Tucson, Arizona 85735
steviewmagee@yahoo.com
520-505-6558

21st August, 2013

ET Docket No. 13-84 & ET Docket No. 03-137

AFFIDAVIT OF Steven Magee Ceng MIET

State of Arizona]

Pima County]

I, Steven Magee, attest that my statements are true to the best of my knowledge.

Comment round for FCC ET Docket No. 013-84 and ET Docket No. 03-137

1. My name is Steven Magee. My address is 3618 S. Desert Lantern Road, Tucson, Arizona 85735.
2. I am a Chartered Electrical Engineer, a Member of the Institution of Engineering and Technology (IET), electromagnetic radiation researcher and author of many books.
3. During many plant tests performed at my home I became aware that I could not grow vines in certain areas of my garden. The area of my garden where the vines will not grow well is the direct line of sight to the west cell phone tower located on the junction of W. Bopp Road and S. Tucson Estates Parkway approximately 700 meters away. They are clearly being retarded by the radiation transmissions from this direction. The same vines that are not in the line of sight grow vigorously. I would like to invite the FCC to study this effect at my home and request that the approval of cell phone towers is halted by the FCC until this plant retardation effect is fully understood. This is shown in photograph 1 below.
4. Transmitter towers create solar radiation reflections and interference. They also create radio and microwave reflections and interference from other wireless transmission systems in the area. They short circuit the atmospheric layers that they pass through and may increase the rate of lightning strikes in the area if they are taller than the nearby surrounding structures. A complete study should be performed to fully understand these effects in each area that a cell tower is installed into. These effects will be unique to each tower installed. Transmitter towers should not be

ET Docket No. 13-84 & ET Docket No. 03-137

approved until these effects are fully understood in residential areas. This is shown in Diagram 1 & 2 and photograph 2 below.

5. It appears that transmitter systems short circuit the local atmospheric direct current (DC) voltage layers in the area that they are installed into. This short circuiting of the DC voltage atmospheric layer appears to have links to plant growth defects and metal corrosion. Metal corrosion is widely acknowledged to be driven by DC galvanic effects. A study should be performed by the FCC to fully understand this loss of atmospheric DC voltage in the area before installing transmitter systems into residential areas. I have been able to replace the atmospheric DC voltage in plants by using a 1.5 volt DC battery connected between the roots and the stem of the Dieffenbachia (Dumb Cane) plants and this rectifies the growth defects. This is shown in photograph 3 below.
6. The installation of large amounts of transmitting electronic equipment contaminates the local electrical utility system and home electrical systems in the area with harmonics, dirty electricity and stray voltage/current/frequency. This may turn the ground, utility power lines and poles, streetlights, home electrical wiring and the trees in the area into unlicensed radiation transmitter systems. It may increase the various fields and emissions from electrical systems. It is known for its harmful affects on animals and plant life and may deform and retard the plants in the area. Transmitter systems should not be approved in residential areas until the effects of injecting large amounts of electronic harmonics, dirty electricity and stray voltage/current/frequency into the surrounding area are fully understood. A stray voltage/current/frequency deformed Dieffenbachia (Dumb Cane) plant is shown in photograph 4 and an electronic stray voltage waveform is shown in oscilloscope waveform 1.
7. I found that my garden was filled with many retarded and deformed plants and that their growth was greatly improved when I removed my wireless devices from service. I have observed the following effects:
8. Found that Smart/AMR/AMI utility transmitting meters can have a toxic effect on the various biological systems that are near to them. The harmful biological effects can occur for at least 76 feet from some of the devices and can kill plants.

ET Docket No. 13-84 & ET Docket No. 03-137

9. Found that the radiation emissions from ionizing smoke detectors can retard cellular growth and may actually kill certain types of plants.
10. Found that wireless radiation puts plants into a dormant state where they follow the changes in the seasons but do not actually grow nor bear fruits. They become sterile and stunted. Removing the wireless radiation exposures resurrects them.
11. Found that wireless radiation affects the growth and branching structure of some plants. Plants that grow tall may instead grow low to the ground.
12. Some vines will not grow into areas of biologically unnatural radiation.
13. Found that wireless radiation fields are patchy and unpredictable. Just moving a few inches can be the difference between a plant being healthy or it being stunted and deformed.
14. Found that pulsed radiation from wireless weather station sensors and wireless utility meters can really retard and deform plants that are close to them. In some cases they will kill the plants.
15. Discovered that certain electromagnetic exposures deform and retard plant growth and when removed, the plant drops all of the previous deformed leaf growth and starts growing normal growth from the tips of electromagnetic exposed part of the plant. The previously exposed part of the plant stays bald.
16. Discovered that certain plants in unnatural radiation fields will only grow leaves on their branch tips at the edge of the plant. The interior of the branches of the plant stay bald. This growth pattern rectifies itself when the unnatural radiation field is removed.
17. Found that the pomegranate tree will drop all of its leaf growth when the harmful wireless radiation field is removed and put up new growth from its base. The existing

ET Docket No. 13-84 & ET Docket No. 03-137

- branches stay bald. The following year, it will put new leaf growth on both the old and new branches and bear fruit.
18. Found that certain plants in biologically unnatural electromagnetic fields will turn their normally patterned leaves into dark green glossy leaves with no patterning. The leaf size of the Dieffenbachia (Dumb Cane) plant varies with the type of electromagnetic exposure. This is shown in photograph 5 below.
 19. Found that the human gets painful sensitive teeth for a few weeks after taking domestic wireless devices out of service. It appears to be a withdrawal reaction to the changed radiation environment.
 20. My diagnosis of electromagnetic hypersensitivity (EHS) is shown below in diagnosis 1 and 2. This is consistent with the growth defects that are observed in the plants at my home that is between 600 to 700 meters from three separate cell phone towers and all homes in the area have Itron transmitting gas and electric meters installed at them.
 21. The rate of Autism has been closely following the rise in cell phones and cell phone towers for the past decade and this is shown below in graph 1. It appears that radio frequency exposure may be affecting brain development in the children.
 22. People are now reporting curing Autism by electromagnetically shielding the child's bedroom. This is consistent with Autism being an electromagnetic disease and may indeed be easily preventable.
 23. The human is supposed to be exposed to the DC atmospheric voltage and the lack of it may make the human sick and possibly cause development problems in the young. This is shown in diagram 3 below.
 24. I observed the following symptoms occurring after the installation of Itron 100G transmitting gas meters in my area in January 2013: January: Fatigue. February: Fatigue, waking up feeling hung over and lethargic. March: Fatigue, waking up feeling hung over and lethargic, fuzzy thinking and concentration problems. April: I abandoned my bed and started to sleep on the floor. I also increased the

ET Docket No. 13-84 & ET Docket No. 03-137

electromagnetic screening around the transmitting AMR meters. This reduced the severity of the symptoms.

25. I observed the following conditions occurring during sitting within 2 feet of a Wi-Fi computer printer in a 1,000 mV/m radiation field daily: Day 1 - Fuzzy thinking. Day 2 - Dizziness, fuzzy thinking, headaches. Day 3 - Dizziness, fuzzy thinking, headaches, insomnia. Day 4 & 5 - Dizziness, fuzzy thinking, headaches, insomnia, fatigue.
26. Regarding wireless radiation exposures, the EMFields Acousticom 2 radio frequency meter manual states: 6 to 3 V/m: Too high for ambient levels. 1 to 0.3 V/m: Too high for many people. 0.1 to 0.05 V/m: Many people have symptoms. 0.02 to 0.01 V/m: Most people with EHS are okay.
27. One of the dilemmas with Radio Wave Sickness (RWS) and Electromagnetic Hypersensitivity (EHS) is to get sick from living in an unnaturally man-made high radiation environment, or to get sick from an electromagnetically screened natural radiation deficient environment. Either way, many humans will eventually get sick! Even pregnant mothers are electromagnetically shielding their unborn babies with a product called "Belly Armor". This action may eventually make them sick from radiation deficiency problems, similar to what astronauts show that live on the International Space Station for many months. The only known effective solution to RWS and EHS is to return your radiation environment back to natural levels.
28. Radio Wave Sickness (RWS) and Electromagnetic Hypersensitivity (EHS) are rapidly accelerating plagues in modern society. Sweden appears to be the only country that currently recognizes the conditions. In Sweden approximately 300,000 people are registered as having EHS. Sweden has a population of 9,555,893 as reported in the 2012 census. This equates to 3.12 percent of the population, or 1 in 32 people, that is aware that it is being affected by unnatural radiation exposures which include electrical, electronic and wireless systems.
29. Radio Wave Sickness is well categorized today and the top reported radio wave sickness symptoms in order of frequency are: Fatigue, sleep disturbance, headaches,

ET Docket No. 13-84 & ET Docket No. 03-137

feeling of discomfort, difficulty in concentrating, depression, memory loss, visual disruptions, irritability, hearing disruptions, skin problems, cardiovascular, dizziness, loss of appetite, movement difficulties and nausea. (Source: Symptoms experiences by people in the vicinity of cellular phone base station, Santini 2001, La Presse Medical.)

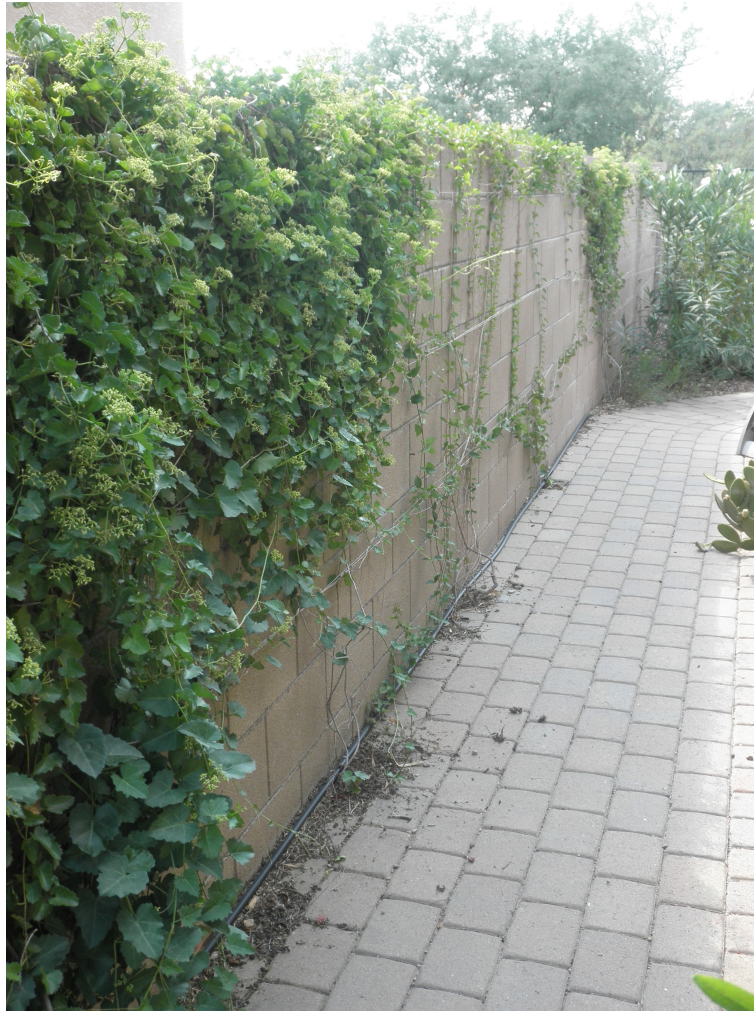
30. Videos that support the above points can be found at the StevenMageeBooks channel on www.youtube.com.

31. Expanded information on the above points can be found in the second edition of the book "Toxic Electricity" which is available on www.amazon.com.

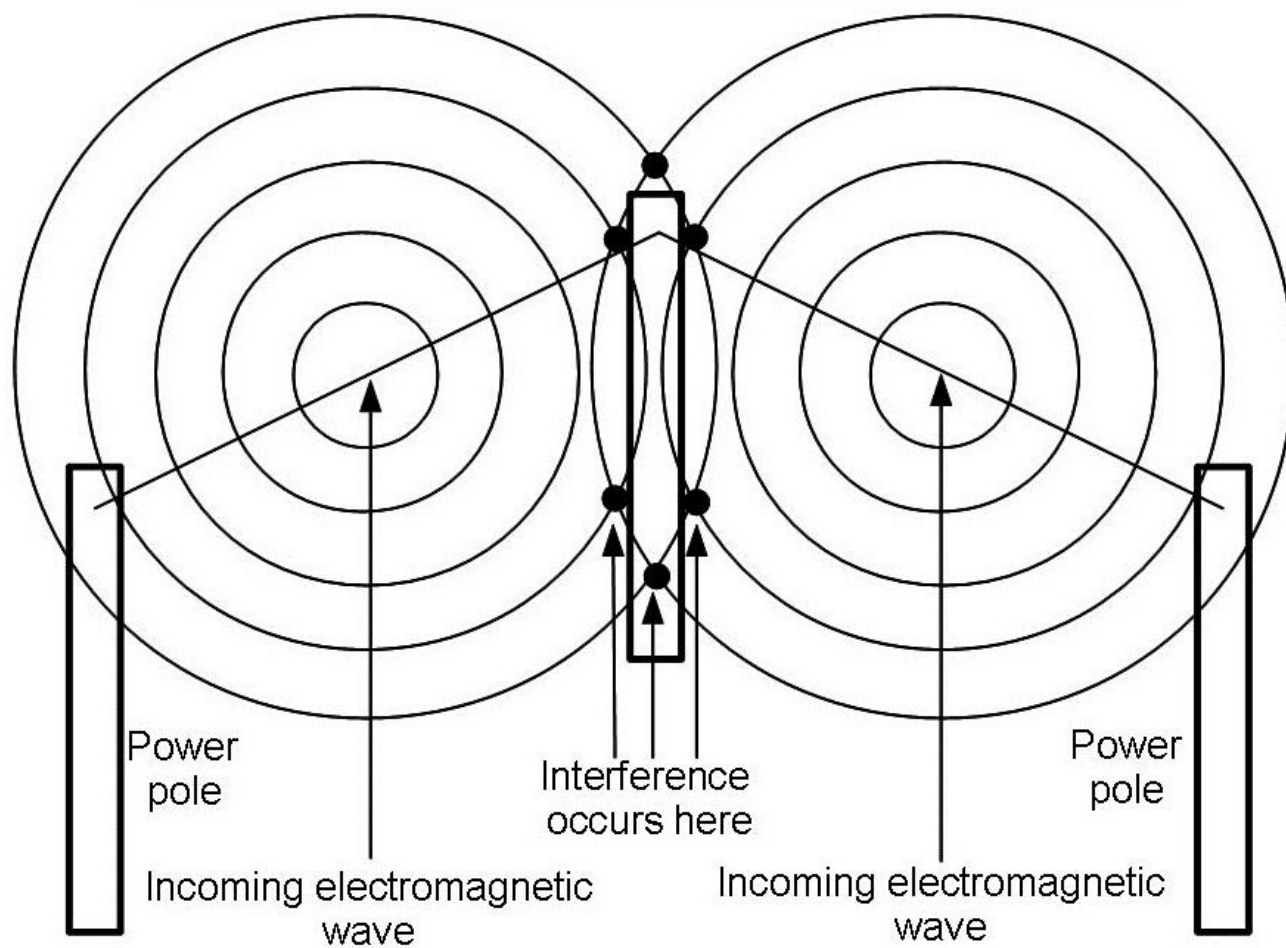
Respectfully submitted by: Steven Magee – Chartered Electrical Engineer

ET Docket No. 13-84 & ET Docket No. 03-137

Photograph 1



ET Docket No. 13-84 & ET Docket No. 03-137

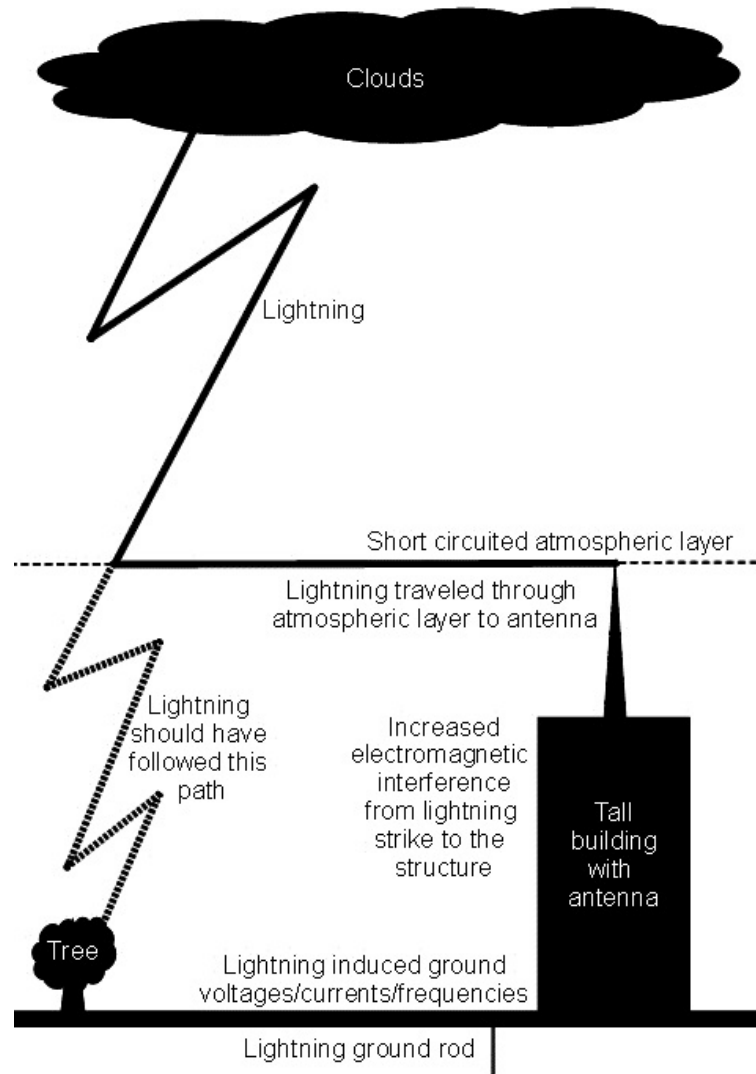
Diagram 1Power Line Radio Frequency Reflections and Interference

ET Docket No. 13-84 & ET Docket No. 03-137

Photograph 2



ET Docket No. 13-84 & ET Docket No. 03-137

Diagram 2Lightning & Short Circuited Atmospheric Layers

ET Docket No. 13-84 & ET Docket No. 03-137

Photograph 3

