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August 8, 2003

RECEIVED

Laurie A. Woodall, Chairperson
Power Plant and Transmission Line Siting Committee
Assistant Attorney General, Environmental Enforcement Section,
Office of the Attorney General
1275 West Washington
Phoenix, Arizona 85007

2003 AUG -6 A 11:20

DOCUMENT CONTROL

RE: Arizona Public Service (APS) West Valley-South Power Line and Substation Project,
Maricopa County, Arizona; Docket No.L00000D-03-0122

Dear Ms. Woodall,

We are concerned citizens that will live very near or possibly directly under the APS proposed transmission line. It will definitely, substantially and detrimentally affect all of our lives due to new found evidence of the EMF exposure caused by this proposed transmission line. APS is using data from 1999; new studies up to 2001 show a whole new picture. Not only will we be continually be bathed in the EMF, it will also cause a "Cancer Causing Phobia" corridor. There are some citizens already at risk due to past cancer cases.

Our property values will plummet. And as we would NOT want to live under this risk, we would be forced to TRY and sell our property but, would get less than what we owe due to the fact this land will be deemed "WORTHLESS."

The one and only mountain view that we enjoy, especially when the sun is going down will be destroyed.

This petition is from all the concerned citizens along Perryville Rd. and surrounding neighborhood south of the I-10. We respectfully ask that you consider our request to find an alternate route less detrimental. We ask , would you want this for yourself and your loved ones?

Arizona Corporation Commission
DOCKETED

AUG 06 2003

DOCKETED BY *CHC*

Mr. And Mrs. Silvey

Mrs. Joan Silvey
Mr. Gene Silvey

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03-0122

PETITION AGAINST
The
WEST VALLEY SOUTH POWERLINE
and SUBSTATION PROJECT

This petition holds the signatures of the residents along Perryville Rd. and surrounding neighborhood. I am/we are against the project, in the event for whatever reason I/we cannot attend the meeting(s), our signature on this petition will represent me/us.

NAME and ADDRESS

FRED WALK 18614 W MORELAND ST, GOODYEAR AZ
 MR & MRS TONY & ALICE REDWING 1185 N. 186TH DR. Goodyear AZ. 85338
 JEFF & Kim JONES Jeff Jones 1130 N 186th DR
 Goodyear AZ. 85338 Ken Jones
 Latonya Nueso 1102 N. 186 DR. Goodyear AZ 85338
 Anna Dominguez 18617 W. Moreland Goodyear, AZ 85338
 Monique " " " "
 Ang'el " " " "
 Anita Santa Maria " " " "
 Jose Rojas 1142 N 186 N Goodyear AZ 85338
 Lourdes Rojas 1142 N 186 N Goodyear AZ - 85338
 Mansel G Flores 18602 W Moreland ST Goodyear AZ
 FRANK GRANT 18601 W MORELAND ST Goodyear AZ.
 Jeanette Morris 15533 W moreland ST Goodyear AZ.

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SHAM RAD 12919 W LUCHANA LN LITCHFIELD PK 85340
OWNER(S) OF ~~LAND~~ LOTS IN QUINTANA ESTATES (Goodyear, AZ)

Allen Bohm 18401 MORELAND ST GOODYEAR AZ
Michael G Padlock 18382 W MORELAND
Louis Huel 18331 W. Luchana Goodyear AZ
Jeffrey Ehlert 4401 S Perryville Goodyear, AZ
Dunn G. Bann 43085 Perryville Rd, Buckeye, AZ
Mary Leister 18430 W. L. Buckeye Rd, Goodyear, AZ
Martin Gonzalez Cruz 18161 W. Yuma Rd. Goodyear AZ 85338
Teresa Peres 18161 W. Yuma 85338
Jose Perez 18161 W. Yuma Rd 85338 Goodyear AZ
Julio Ruiz. 18466 W Yuma Rd 85338 Goodyear AZ
Mella Guzman 18616 W. Yuma Rd Goodyear AZ 85338
Martha Tapia 18616 W. Yuma Rd Goodyear AZ 85338
Antonia Orozco 18616 W. Yuma Rd Goodyear AZ. 85338
Leonor De La Rosa 18666 W. Yuma Rd. Goodyear AZ. 85338
Carlos Baltierra 18161 W. Yuma Rd. Goodyear, 85338
Susana Hernandez 18616 W Yuma Rd Goodyear, 85338
FRANCISCO TOMES 18616 W Yuma Rd GOODYEAR. 85338
ARLON LEE YATES 105 NORTH PERRYVILLE RD. GOODYEAR AZ. 85328
John R. & Dolene Lindley JR. 205 N. PERRYVILLE R. Goodyear, AZ.
Elaine J. Scott 18645 W. VAN BUREN Goodyear AZ
Sylvia S. McFee 18645 W VAN BUREN Goodyear AZ
Kieran Benedict 515 N. Perryville Rd Goodyear AZ
Larry W HANSEN 615 N. PERRYVILLE RD Goodyear AZ
Edith Hansen 415 N PERRYVILLE RD Goodyear AZ
Nell L. Hansen 10111 Perryville Rd Goodyear AZ

Anna M. Smith 901 N. Perryville Rd. Goodyear AZ
 Maximino MORALES 919^B N PERRYVILLE RD. Goodyear
 Sergio N. Benedict 919 N Perryville Rd Goodyear
 Roberto Castillo V. 1116 N. 186 Drive Goodyear
 Shavell K. Blodgett 18631 W. Latham St. Goodyear
 Amy K. Blodgett 18631 W. Latham St. Goodyear
 Michael Stewer 18631 W. Latham St. Goodyear
 Ysabel Juarez 18617 W. LATHAM ST. Goodyear
 Rogelia Torres 18602 W. ROOSEVELT. Goodyear, AZ
 now se vive 18534 W ROOSEVELT. ST Goodyear
 Rick C. All 18632 W. ROOSEVELT. Goodyear
 John J. Min 1129 N. 183 DR Goodyear.
~~John J. Min~~ 18347 W. Moreland Goodyear.
 Tracey Stewart 18347 W. Moreland St Goodyear
 Mr & Mrs Jose Rodriguez 18433 W Moreland St Goodyear
 #8550 W. Moreland St. Jorie Callahan Goodyear AZ.
 Wayne C. Jones 18347 W. LATHAM ST.
 John Cephalo 18402 W. LATHAM ST GOODYEAR AZ
 John Ray 18348 W. LATHAM ST Goodyear AZ
 Phillip R. Lantz 18421 W. LATHAM ST GOODYEAR AZ.
 Linda Amelny 18518 W Latham Goodyear AZ
 Jennifer Bowen 18518 W. Latham goodyear AZ
 Mike B. 18518 W. Latham goodyear AZ
 Bud Z. Belford 18534 W. Latham Goodyear AZ.
 Steven Koutch 18601 W. Latham Goodyear AZ
 Kim Herrera 18602 W. Latham Goodyear AZ

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~~Buy L. Budyjak~~ 18618 W Latham Goodyear AZ 85338
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Janet Budyjak 18618 W. LATHAM Goodyear AZ 85338

Michelle Wilson 18614 W. Moreland ST Goodyear AZ 85338

Lore B. Silvey 1102 N 186th Dr Goodyear AZ 85338
Joan A. Silvey 1102 N. 186th Dr. Goodyear AZ 85338

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TRENTHAM ENVIRONMENTAL ACTION CAMPAIGN

51 Earlsbrook Drive Trentham Stoke on Trent ST4 8DL

[Revolt > Trentham Home >](#)

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Summary of acknowledged health risks associated with living near high voltage power lines Research 1979 - 2001

CHILDHOOD LEUKAEMIA

AHLBOM A, DAY N, FEYCHTING M, ROMAN E, SKINNER J, DOCKERTY J, MCBRIDE M, MICHAELIS J, OLSEN JH, TYNES T and VERKASALO PK, 2000. A pooled analysis of magnetic fields and childhood leukaemia,

British Journal of Cancer 83(5), 692-698.

GREENLAND S, SHEPPARD AR, KAUNE WT, POOLE C and KELSH M A, 2000.

A pooled analysis of magnet fields, wire codes and childhood Leukaemia.
Epidemiology, 11, 624-634.

Microwave News, Vol.XX, No. 5, Sept/Oct. 2000, ISSN 0275-6595, PO Box 1799, Grand Central Station, New York, NY 10163.

An implied relative risk of 2.0 above 0.4uT and 1.7 above 0.3 uT.

FEWS AP, HENSHAW DL, KEITCH P A, CLOSE JJ and WILDING RJ, 1999 B.

Increased exposure to pollutant aerosols under high voltage power lines.

International Journal of Radiation Biology, 75(12), 1505-1521

Predicted excess cases annually in the UK near high voltage power lines 2-8 cases

SKIN CANCER

FEWS A P, HENSHAW D L, KEITH P A, CLOSE J J, and WILDING R J, 1999B. Increased exposure to pollutant aerosols under high voltage power lines.

International Journal of Radiation Biology, 75(12), 1505-1521

Assessment of Skin Doses. Documents of the NRPB, Volume 8, No. 3,

L-000000-03-0122

1997.

Chilton, Didcot, Oxon, OX11 ORQ

Risk assessment based on increased skin exposure to radon decay products and other via 50 Hz oscillation of aerosols.

Predicted excess cases annually in the UK near high voltage power lines 14 cases

LUNG CANCER

MCDOWALL M E, 1986. Mortality of persons resident in the vicinity of electricity transmission facilities. **British Journal of Cancer**, **53**: 271-279

KATSOUYANNI K and PERSHAGEN G, 1997 Ambient Air Pollution Exposure and Cancer. **Cancer Causes and Control**, **8** 284-291

Risk assessment based on increased exposure to air pollution via corona ion effects

Predicted excess cases annually in the UK near high voltage power lines 250-400 cases.

OTHER ILLNESSES ASSOCIATED WITH AIR POLLUTION

SEATON A, MACNEE W, DONALDSON K and GODDEN D, 1995. Particulate air pollution and acute health effects. **The Lancet**, **345**,176-78.

Risk assessment based on increased exposure to air pollution via corona ion effects.

Predicted excess cases annually in the UK near high voltage power lines ~ a few thousand cases

SUICIDE AND DEPRESSION

REICHMANIS M, PERRY F S, MARINO A A and BECKER R O, 1979. Relation between Suicide and the Electromagnetic Field of Overhead Power Lines. **Physiology Chemistry & Physics**, **11**, 395-403.

PERRY F S, REICHMANIS M, MARINO A A and BECKER R O, 1981. Environmental Power-Frequency Magnetic Fields and Suicide. **Health Physics**, **41**, 267-277.

PERRY S, PEARL L and BINNS R, 1989. Power Frequency Magnetic Field: Depressive Illness and Myocardial Infarction. **Public health**, **103** 177-180

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POOLE C KAVET R, FUNCH D P, DONELAN K, CHARRY J M and DREYER N A, 1993 Depressive Symptoms and Headaches in Relation to Proximity of Residence to an Alternating-Current Transmission Line Right-of-way. **American Journal of Epidemiology**, **137**, 318-330

SAVITZ D A, BOYLE C A, and HOLMGREEN P, 1994. Prevalence of Depression Among Electrical Workers. **American Journal of Industrial Medicine**, **25**, 165-177.

VERKASALO P K, KAPRIO J, VARJONEN J. ROMANOV K, HEIKKILA K and KOSKENVUO M., 1997. Magnetic Fields of Transmission Lines and Depression. **American Journal of Epidemiology**, **146** 1037-1045

BEALE I L, PEARCE N E, CONROY D M, HENNING M A and MURRELL K A, 1997. Psychological Effects of Chronic Exposure to 50 Hz Magnetic Fields in Humans Living Near Extra-High-Voltage Transmission Lines. **Bioelectromagnetics**, **18**, 584-594.

VAN WIJNGAARDEN E V, SAVITZ D A, KLECKNER R C, CAI J and LOOMIS D, 2000. Exposure to Electromagnetic Fields and Suicide Among Electric Utility Workers: A Nested Case-Control study. **WJM**, **173**, 94-100.

Considered biologically plausible via magnetic field exposure. Apparent low threshold ~ 0.1 uT.

Predicted excess cases annually in the UK near high voltage power lines

Suicide 60 cases

Depression Up to 9,000 cases of mild depression.

TOMOXIFEN, MELATONIN & EMFS

DON MAISCH Australian Electromagnetic Forum Volume 1. No 4 Spring 1997

LIBURDY R.P. et al (1993) ELF Magnetic Fields, Breast Cancer and melatonin

HARLAND J.D., LEE M.Y. LEVINE R.P. (1997) Differential inhibition of Tamoxifen's Oncostatic Functions in a Breast Cancer line by a 1.2 microtesla Field .COOGAN P.F. et al (1996) Occupational Exposure to 60-Hz Magnetic Field Risk of Breast Cancer in Women. *Epidemiology*; 7:p.459-464. LUBEN R.A., SARAIYA S and MORGAN A.P. (1996) Replication of 1.2 microtesla EMF Effects on Melatonin Responses of MCF-7 Breast Cancer Cells in vitro. STEVENS R.G., DAVIS S, THOMAS D B, ANDERSON L E, WILSON B W, (1992) Electric Power, Pineal Function and the Risk of Breast Cancer: A Hypothesis. *FASEB J*. 6: p. 853-860

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There is repeated evidence that fields above one microtesla stop the anti-cancer action of the widely used breast cancer treatment drug Tamoxifen.

MAXIMUM EMF EXPOSURE EMERGES AS STRONG MISCARRIAGE RISK

CALIFORNIA HEALTH DEPARTMENT REPORT ON ELECTRIC AND MAGNET FIELDS FROM POWER LINES, APRIL 2001

This report highlights the added risk of miscarriage, childhood Leukaemia, brain cancer and a greater incidence of suicide as some of the health risks associated with exposure to electric and magnetic fields such as from power lines. The new information concerning miscarriage is particularly disturbing. Women exposed to magnetic fields of 16 mG (1.6 uT) or more while pregnant are up to six times more likely to have a miscarriage. See the following websites and find Environmental News Service: Power lines, Wiring pose health risks Press Release enclosed.

<http://www.electric-fields.bris.ac.uk/> (Access Latest Updates: California News)

<http://ens.lycos.com/ens/jul2001/2001L-07-16-02.html> (Press Release)

<http://www.dhs.ca.gov/ehib/emf/RiskEvaluation/riskeval.html> (California EMF Health report)

MICROWAVE NEWS 10/07/01 here as pdf file also enclosed

THE LIST GROWS

The situation regarding permitted exposure to electric and magnetic fields in this country is quite ridiculous. For magnetic fields the NRPB guide lines for maximum exposure are set at 1600 uT. This is 4000 times higher than the level of 0.4 uT where a doubling of childhood Leukaemia risk has been observed. Even the international guidelines which are set at 100uT are 250 times higher than 0.4 uT.

We need a sensible limit on magnetic field exposure such as that adopted by the Swiss Government on December 23 1999. Their limit is 1 uT.

When can we expect to see this limit (or an even stricter one) in the UK?

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Risks to health are too high

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Thursday, August 9, 2001
 Risks to health are too high
 BY ROGER CONANT, PH.D.

Source: PioneerPlanet.com.

Magnetic fields emitted by transmission power lines in backyards likely cause miscarriages, leukemia, brain cancer and Lou Gehrig's disease. They may cause breast cancer, Alzheimer's disease, suicide and heart problems. These are the findings of a recent \$7 million evaluation conducted by the California Department of Health Sciences. The department determined these magnetic fields could lead to a six-fold increase in miscarriages.

The Washington State Department of Health says exposure to intense magnetic fields explains the five-fold historical increase in childhood leukemia.

The British National Radiological Protection Board found an association between magnetic fields and childhood leukemia. The German Federal Ministry for the Environment concludes sleeping children in their beds are especially vulnerable. The World Health Organization has just characterized these magnetic fields as a Group 2B Carcinogen. (All of these studies and many more are available through the Power Line Task Force Web site, at www.powerlinefacts.com.)

Fortunately, the studies are unanimous in agreeing the danger from magnetic fields appears only at intensities greater than four times the average household intensity. Those who live in old houses with badly outdated wiring may have a problem. Microwave ovens and electric blankets can be dangerous. Children appear to be especially vulnerable.

And those who live very near transmission power lines have a big problem. They are continuously bathed in high-intensity magnetic fields.

This is not an abstract issue. Xcel Energy is proposing to build a transmission line through the southeast metro on the site of an existing line. Xcel's own data suggest those who live next to the line currently are exposed to between 54 and 256 times the average household magnetic field intensities – well into the recognized danger zone. While the proposed new line would temporarily cut these exposures in half (the California evaluation suggests this will not help), the fields would soon return to nearly their original levels.

Similar lines exist all over the state. Xcel data (available on our Web site) show nearby power lines threaten hundreds of homes located in the metropolitan area. Low-frequency magnetic fields have been a concern ever since 1979. The concern was somewhat alleviated by major studies conducted between 1997 and 1999, which yielded results some claimed showed there was no evidence of a problem.

Xcel wrote in 1999, "There is no evidence of health effects from power lines or exposure to

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EMF, even at high levels." The utility industry's research arm, the EPRI, found the "data concerning EMF and other cancers to be inadequate."

But last year, three separate groups of researchers reviewed these studies, and all agreed the three studies should have identified an association between magnetic fields and disease. The three studies' original authors led one of these groups.

Unfortunately, the earlier invalid results continue to confuse the issue. The National Institutes of Health was misled, as was the National Research Council and even our own Department of Health. All have expressed concern over magnetic fields, but, influenced by the three studies, said they could not conclude there was a problem. These outdated positions are still cited by those who wish to downplay the issue.

~~Xcel no longer claims there is no evidence. It now says the evidence is not "convincing enough" does not constitute "proof." It thereby parrots the tobacco industry, which in 1954 claimed the association between smoking and lung cancer "is questioned by numerous scientists" and asserted, "There is no proof that cigarette smoking is one of the causes."~~

The tobacco industry was wrong then, and Xcel is wrong now. There is strong evidence, and it is frightening.

As individuals, most of us can avoid the dangers of magnetic fields. Children should not be permitted to sleep in vulnerable bedrooms. Pregnant women should avoid sources of such fields.

However, those who live near transmission power lines cannot avoid the dangerous magnetic fields. Without relief, members of these families will get sick and may die. The utility industry should move or bury those lines that represent a clear and present danger.

Conant (e-mail: rconant@capresources.com) of Sunfish Lake is president of the Power Line Task Force.

To order our films: "Public Exposure: DNA, Democracy and the Wireless Revolution" and, "Dr. Ted Litovitz's EMR Research Presentation to U.S. Congressional Staff" [click here](#).

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Power Line Health Blog

A JOURNAL OF SIGNIFICANT EVENTS REGARDING ELECTROMAGNETIC FIELDS EMITTED BY TRANSMISSION POWER LINES.

Brief Summary

When properly analyzed, scientific data convincingly and consistently show a link between magnetic fields greater than 2-4 mG and cancer. New analyses of older data have induced a wholesale revision in the views of high-level authorities, including the utilities themselves, who have very dramatically revised their own statements on EMF.

See also our companion sites:

[Power Line Health Facts and Frequently Asked Questions](#)

[email us.](#)

[Sign up for our newsletters.](#)



100-150
325

2-4 mG

Monday, May 19, 2003

The reason we have not been updating this blog recently is because we have been concentrating on preparing our court case against Xcel. Basically, we are claiming that Xcel has to obey the law and get permission from the Minnesota Environmental Quality Board and the Minnesota Public Utilities Commission before construction its proposed new line. Xcel claims that it does not have to get these permissions because it "began" the line before the effective date of the law with those requirements (August 1, 2001). We do not see the law as providing for any such exemptions. Full copies of the many briefs on this case can be found at the SE Metro section of www.powerlinefacts.com. The case will be heard tomorrow at 9:00 AM in Judge Hedlund's courtroom in the Hennepin County Courthouse.

Wednesday, May 07, 2003

A new site, www.broken-trust.org, outlines Xcel energies allegedly fraudulent activiteis.

Tuesday, April 22, 2003

Pittsburg's FirstEnergy Corp. has agreed to shift part of the route for a 69,000-volt transmission line in Frankin Park, but the change will cost homeowners as well as the utility. The owners of 10 homes in Northmont Farms have agreed to pay the utility \$45,000 to cover most of the costs of moving the power line out of an existing easement that crossed through or near their properties and onto vacant land. The payment will not cover all the costs for revising the route and acquiring land for a new right of way, a FirstEnergy spokesman said. "We've also put in many man-hours on redesign, negotiations and other back office work," spokesman Joe Mosbrook said. FirstEnergy has said scientific studies have found no correlation between electromagnetic fields and health risks from such lines. Aerial maps of the project show houses 100 feet to 150 feet from the path of the cable.