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February 22, 2014

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Arizona Corporation Commission

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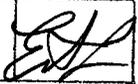
Arizona Corporation Commission
Docket Control

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1200 W. Washington St. Phoenix, AZ 85007

CORP COMMISSION
DOCKET CONTROL

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RE: DOCKET NO. E-013458-13-0069

Arizona Public Service Application for Automated Meter Opt-Out Service Schedule 17

My name, address and telephone number are listed below.

ORIGINAL

Smart Meters and Smart Grid a National Security Threat

The following is from www.sedonasmartmeterawareness.com/HACKING.html :

Running wild at this time is the Stuxnet virus. This virus was allegedly developed by the USA in collaboration with the Israelis to disrupt the Iranian nuclear program. Stuxnet virus can be introduced into the IT network by a USB stick or CD ROM running Windows, but then spreads to the industrial microprocessors running purpose-built software. In the Iranian case, it increased the speed of the centrifuges in their uranium enrichment plant so that they exploded. Stuxnet is an extremely clever piece of computer code that may lie dormant in the control gear, perhaps for months, recording what the device was doing and then activate itself to disrupt that process and at the same time kidnap the process monitors that everything was still OK. The Iranians literally didn't know what had hit them.

It transpires that the same virus can carry other payloads; e.g. to turn computer-controlled valves on and off without anyone knowing until it is too late. What is of concern is that this virus is now in the wild and can attack pretty much any computer-controlled equipment, which includes automated meters and their computerized control systems. According to Symantec this virus has now spread to many countries including European states and the USA. Experts believe that hackers may be copying the Stuxnet technology to develop their own viruses. www.symantec.com/connect/blogs/stuxnet-05-missing-link

Is this why British Gas has been instructed to remove all of its Automated Meters as soon as possible? If the virus could turn our gas and electricity supplies on and off at random (which should not be too difficult for an experienced hacker to arrange) it could cause widespread disruption and, in the case of gas meters, result in many explosions as flames become extinguished and then fail to reignite properly when the supply returns.

This alone is reason enough the Corporation Commission should halt the installation of Automated Meters. If this threat becomes widely known it could result in something approaching public panic.

Here is another attack:

Reuters, January 16, 2013

A computer virus attacked a turbine control system at a U.S. power company last fall when a technician unknowingly inserted an infected USB computer drive into the network, keeping a plant off line for three weeks, according to a report posted on a U.S. government website.

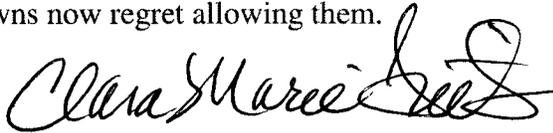
The safety of our energy infrastructure is critical and it is at stake right now. There is no guarantee in place against cyber attack. At this time there is no technology with the capability of preventing cyber attack. The Department of Energy is working on this problem right now, however, scientists do not know if cyber attack could ever be prevented.

Arizona Statute 40-202 B-4.(b), 40-321, 40-336. We currently have evidence of an imminent or ongoing hazard to the safety to people and property due to automated metering and an automated grid system.

40-322 - Plans to install the smart grid system should be set-aside until health and safety feasibility studies can be made. I believe this statute gives you the authority to request this.

Mounting evidence of automated meter hazards is accumulating. The issue has changed since installation across our nation first began. In light of all the recent new hazard evidence I imagine many towns now regret allowing them.

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Cc: Arizona Corporation Commission (13)
Sedona Town Council (11)
Sedona City Attorney (1)

p.s. Page 5 line 16 – 19, of the APS Application states analogue meters soon will no longer be made in the USA. I found through my research that Automated Meters are all MADE IN CHINA, all 13.6 million of them and counting. None made in good ole' USA.