A High Powered PEMF Story

At the time of this writing there have been 3 field PEMF failures in the last week. It is believed I know why I'm getting a variety of failures and also **why the PEMF unit works so well.** This also might explain why industrial grade PEMF units are being sold for multi-thousands of dollars. It is a fascinating story.

First it has to be understood what a PEMF machine is. It is a '***P***ulsed ***E***lectro ***M***agnetic ***F***ield' generation unit. Did you notice anything in underscored letters? How about a little rearrangement to '***EMP F***ield' ! I've created an '**EMP'** machine! Yes, the same kind of energy that can be generated by a nuclear bomb, an '**E**lectro **M**agnetic **P**ulse', is generated by this very powerful PEMF unit.

The Mono or Bifilar Coil is a significant part of this design and also a part of the failure problem. The coil is a device that can focus the **EMP** much more effectively than even a Nuke can. Whatever the coil is pointing at gets a huge focused **M**agnetic **P**ulse. I warn about keeping the coil away from magnetic recording devices, like five feet away from a computer! A computer has a hard drive which is extremely sensitive to strong **M**agnetic **F**ields. The warning probably isn't good enough to prevent damage if the coil is actually aimed at the computer, but five feet away is a good start in the right direction and protection.

The recording hard drive of a computer is not the only thing that can be affected by a strong **M**agnetic **P**ulse. The very electronics of the computer can be affected as well. So here is the problem, the High Powered PEMF unit has an Arduino micro processing unit in it. An Arduino is very much like a miniature computer. It has memory and sensitive electronics that can be destroyed by a strong **M**agnetic **P**ulse. So accidently aiming the Coil at the PEMF unit itself could easily cause a failure. The Arduino can get out of step when the pulse hits the stored program in the Arduino memory. With good fortune, just reloading the Arduino program memory can potentially restore everything. However, with bad fortune the Arduino could cause critical timing functions to not run properly and then destroy everything.

Yes, EVERYTHING could mean your house wiring and fusing system, the TV, stereo, microwave, phone system, and the ignition system in nearby parked cars! OK, I'm just kidding in this paragraph.

Are you getting an idea of the problem? An Industrial grade PEMF is so expensive that only professionals can afford to buy them. However along with the professionalism, comes rule(s) for keeping everything working! For several thousand of dollars, the professional owner of such a PEMF unit will insure the rules are followed. Additionally, a professional PEMF unit is somewhat harden by internal shielding from the **EMP** generating field. This hardening adds to the price of the PEMF unit.

There is another problem with a good working High Powered PEMF unit and that is the EMP field can play havoc with house wiring. Devices on the same line that the **EMP** field hits could also be affected. So a good working PEMF unit is also a good source of EMP energy that can make a good working PEMF unit turn into a broken PEMF unit. Other nearby sensitive electronic devices could also be damaged. Place a smart phone near or on top of the PEMF energized coil and you might be saying good-bye to the smart phone. Something that isn't so smart to do!

For the non-professional user and often non-technical users not acting professionally, there is a high risk of a High Powered PEMF unit taking a permanent vacation from the working world. The question is how

does the designer of a really High Power PEMF unit protect himself from the liability of failure? The answer is simple, I can't. So by charging several thousand dollars for a unit, there is plenty of FRNs, (Federal Reserve Notes/ money), for repairs! This is not my modus operandi! However when one tries to make a High Powered PEMF unit available for the average user in need, the potential of an accidental mistake becomes a serious problem. **So it is with a heavy heart that I must take the completely packaged 'High Powered PEMF' unit design off my build list.**

My personal units don't fail because I take precautions to insure I am careful when pointing the coil. I pretty much point the coil only in the direction I want to use it. Additionally I no longer use the unit near my own electronics. Yes, I accidentally took out a channel on one of my Spooky2 function generators. Much like how I handle a gun or a bow and arrow, I handled the High Powered PEMF unit very carefully. This attention to detail makes all the difference and allows me to take advantage of the wonderful health modality tool that a really High Powered PEMF is. My units just run and run without failures!

Because the High Powered PEMF unit can do so much as a health modality device, those needing help with building a PEMF unit from what is provided on www.aurorasky.net can email or call me. I will do what I can to help with the construction to the limits of my available time and resources.