



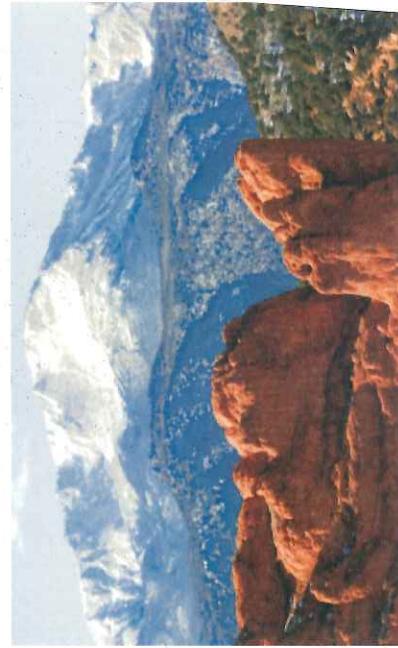
## Randall White, CEO

Jaxon is a woman-owned, small business founded in 2009, headquartered in Colorado Springs, CO, USA.

- Specialty engineering regarding Nuclear Survivability (especially EMP) to select military, classified government and commercial clients.

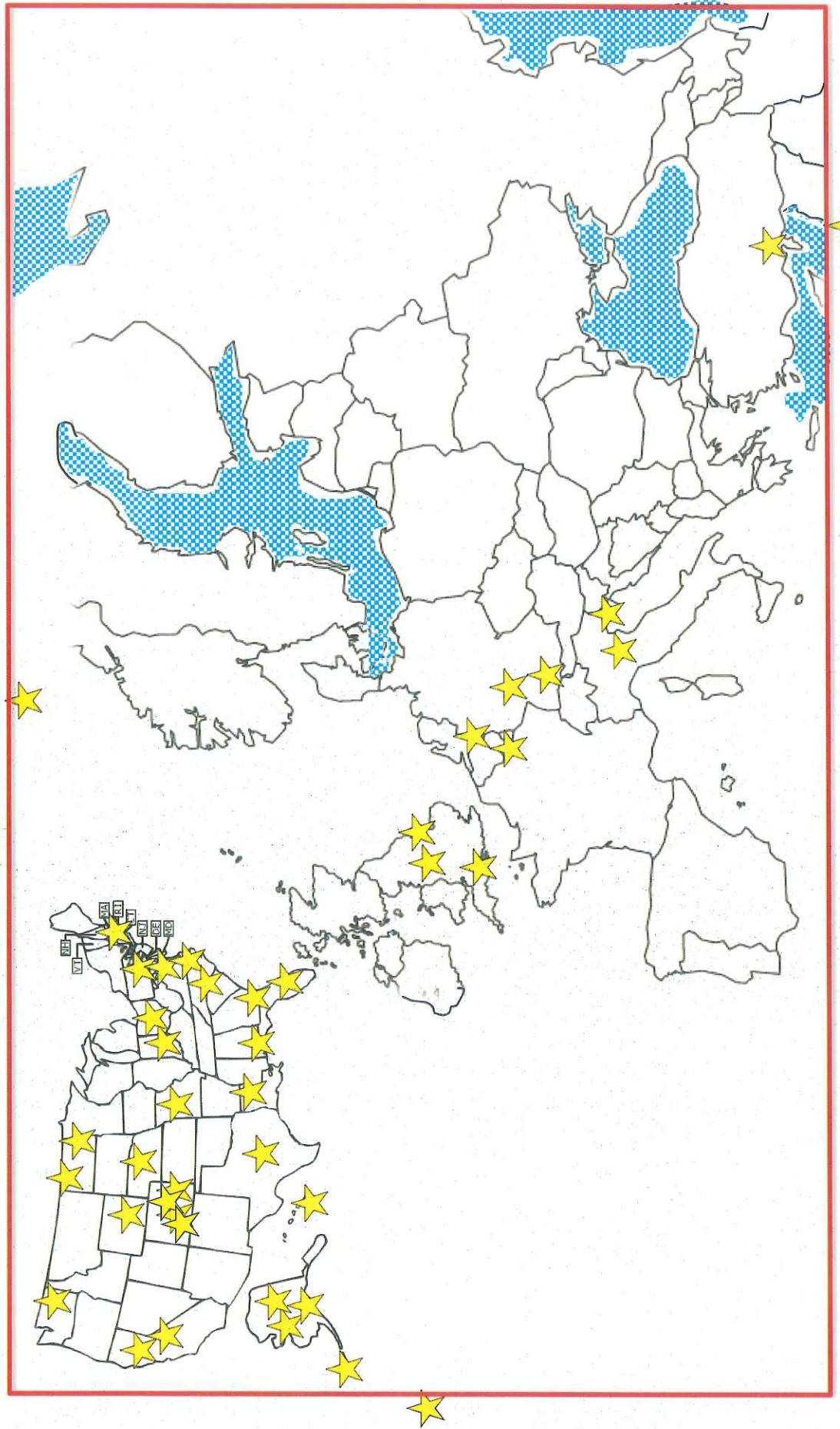
*Our Charter is: “We are driven to Serve” and help our technical counterparts and friends solve difficult problems.*

- We have recused ourselves from working on the Study promulgated by this Bill. This frees us up to help without an OCI.
- I have been crafting a Technical Solution/SOW to get the best results that we can from the Study phase.





## Some of Our EMP Hardening or "Fix-it" Task Locations (Just in our Brief 5 Years)





*Is this an important issue?*

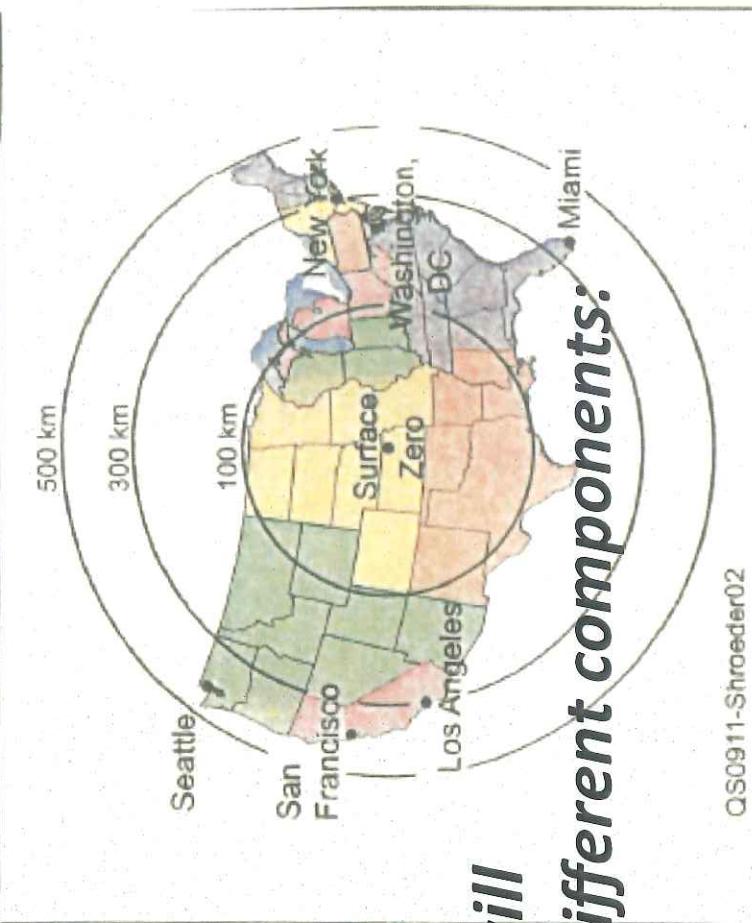
*The DoD has been EM hardening our most critical assets for nearly 25-30 years.*

*10 years ago the emphasis switched mainly to HEMP due to the ROI for just one weapon.*

*Any object in this footprint will get hit 3 times by 3 very different components:*  
*E1, E2 and E3*

*But the fourth form of EMP*

*(Small weapon at ground level creates E1, E2 and E3)*  
*... is becoming a very big concern.*



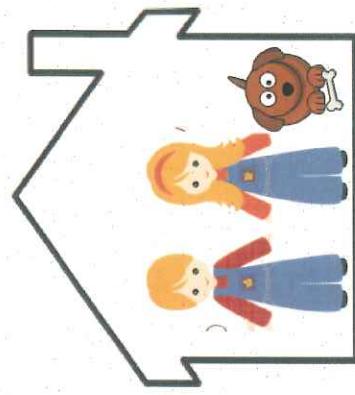
## The Important Part

*What about the people?*

*The impact on humans of a man-induced attack on our power system would be immediate, devastating and very long term.*

*Forget the Physics, What's important is that -*

- “Too Late would be Too Late.”
- *It's our nature to ASSUME that someone will be at the ready to “fix” things. Not true.*
- *Our lives, logistics, life support, food, commerce, wallet, savings, gas, etc. are all dependent on a resilient grid.*





## *So what should we do?*

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### **Fix it. Fix enough to make it functional and resilient.**

- Including our ancillary systems. We have the technology.
- I recommend that we DO NOT try to fix it all.  
i.e., Build a Thin Line.

*Even with a 'Thin Line approach', it will take skilled teams years to get all the treatments installed and in-place.*

- Right now, we can perform a design charrette: to determine the size, the extent, the key players, the approach.

*Please don't ASSUME that there will be people or companies available in the future to "fix it" later when the infrastructure is gone. We won't, or may not have that capability then, but we do now.*