

Are We Good; Or Just Lucky?

Presented By:

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Security and Anti-Terrorism Systems

Are We Good; Or Just Lucky?



The dots indicate the locations of the 103 U.S. commercial nuclear reactors operating at 65 sites in 31 states

The Concerns

1. Radioactive Materials



2. Biohazard Materials



3. Chemical Materials



4. Water Resources ..



Sources of Radioactive materials

1-Department of Energy DOE

I.Nuclear Power generating facilities

II.Nuclear waste

2- Medical Facilities

I.Cancer treatment centers

II.Diagnostic centers

3- Academic Facilities

I.Universities

II.Research labs

4- Industrial Use

I.Irradiators

II.Industrial Radiography

Department of Energy (DOE) Sites

“Controlled Environment”



Rocky Flats *Golden Colorado*



Pantex nuclear weapons assembly and
disassembly facility *Amarillo Texas*



Hanford Waste Treatment Plant *Washington State.*



Savannah River *South Carolina*

Nuclear Power Station

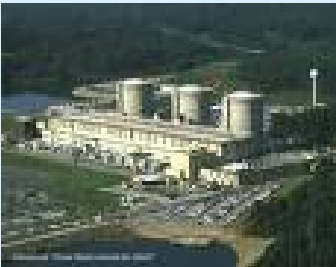
“Controlled Environment”



Calvert Cliffs Nuclear Power Plant MD



Crystal River Power Station FL



Oconee Nuclear Station SC

DOE Research Labs

“Semi controlled Environment”



ARGONNE NATIONAL LABORATORY



OAK RIDGE NATIONAL LABORATORY



IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY

Biohazard Materials

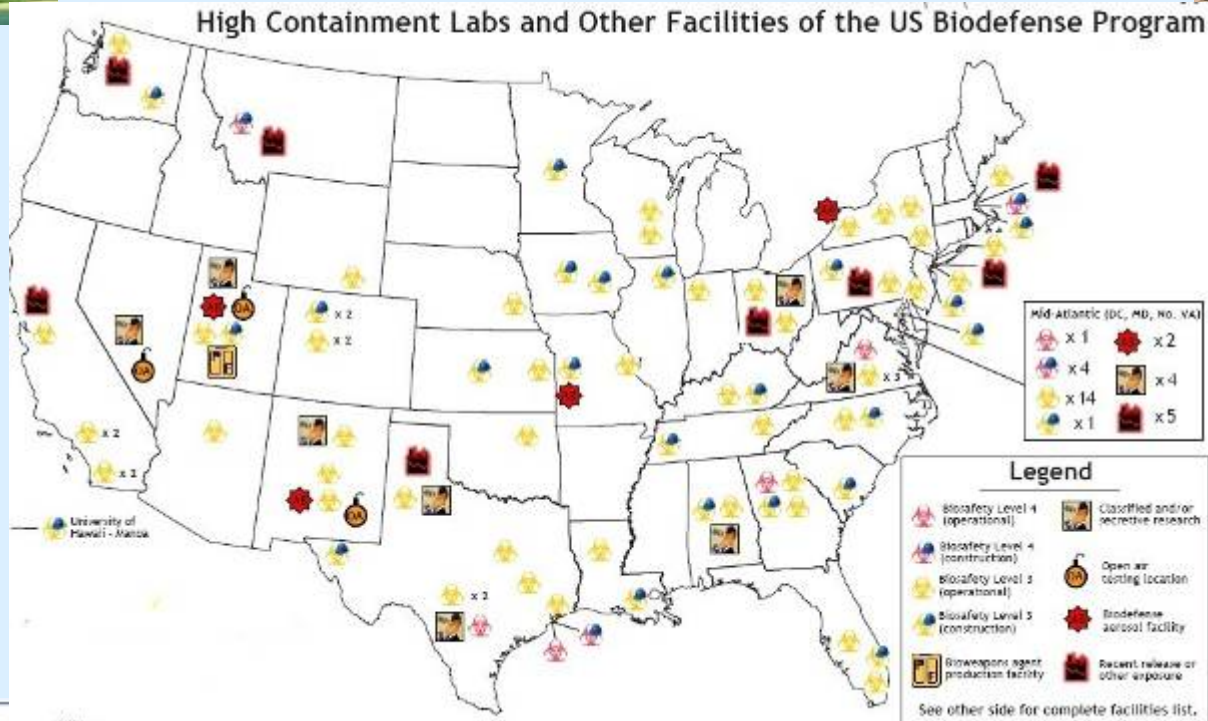
“Semi controlled Environment”



Southwest found.



Plum Island Center



Rocky mountain

Biotech Six



Academic And Medical Facilities

“Open Environment”



**Nuclear Waste Research Laboratory
University of California, Berkeley**



Arthur James
Cancer Hospital Ohio



Memorial
Sloan-Kettering
Cancer Center NY

Chemical and Water Resources

“Open Environment”



Chemical Plants



Water Resource

Conclusion

- Yes, We Are Good
- Yes, We Have Been Lucky But to Continue Our Luck We Need:
 1. Intelligence and Communication Among Government Agencies
 2. Personnel Education and Training
 3. Physical Security of Critical Infrastructure
 4. Local; Regional and National Emergency Response Centers
 5. Ongoing Monitoring, Control and Upgrade of Intelligence and Security Programs