
The Sandia Center
for
Global Security and Cooperation



Sandia Center for Global Security and Cooperation (SCGSC)

Overview for Ambassador Steven Pifer

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Exceptional service in the national interest

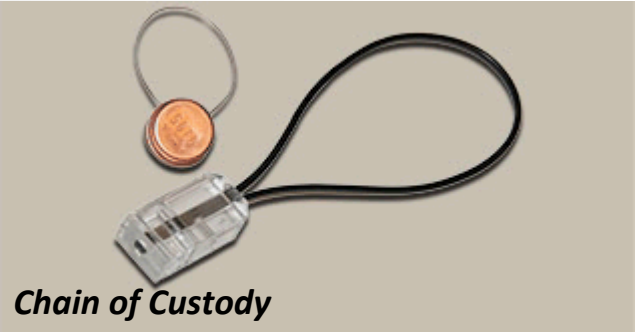


The Sandia Center for Global Security and Cooperation

We seek a SAFE, SECURE
WORLD through global
technical engagement



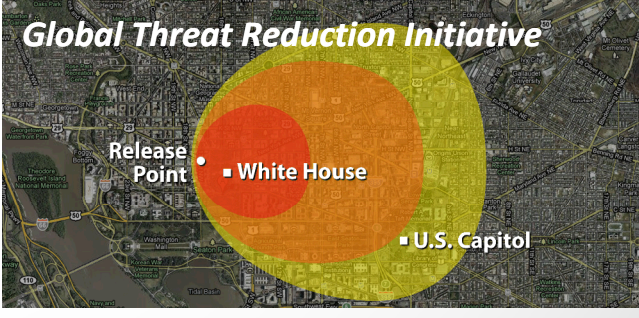
RESEARCH, DEVELOP, and
APPLY innovative SCIENCE
AND ENGINEERING
SOLUTIONS to strengthen
nonproliferation and
reduce global threats.



- ENDURING PARTNERSHIPS
- POLICY ENGAGEMENT
- SYSTEM SOLUTIONS



- RESEARCH and DEVELOPMENT
- SYSTEMS ANALYSIS
- SOLUTIONS ENGINEERING



Sandia's engagement in global security challenges spans over 50 years



The Cold War

NPT
INFCIRC/225
Open Skies
INF



Post - Cold War

START I/II
CTR
CTBT



Post-9/11

New START

What emerges is a systems approach where S&T intersects to both inform and implement policy...

National Nonproliferation Systems



... and a focus on risk reduction

The THREAT

ACTORS – what are their intentions and capabilities?

VULNERABILITIES

What TARGETS might be attacked

CONSEQUENCES

The SEVERITY OF the humanitarian, political, economic, and military IMPACTS resulting from a successful attack

Looking ahead, reducing global nuclear dangers continues to be at the forefront of our work...

NONPROLIFERATION SYSTEMS



TREATIES and NEGOTIATED AGREEMENTS



COOPERATIVE PROGRAMS



...but the threat has evolved to include the misuse of chemical, biological, and radiological materials.

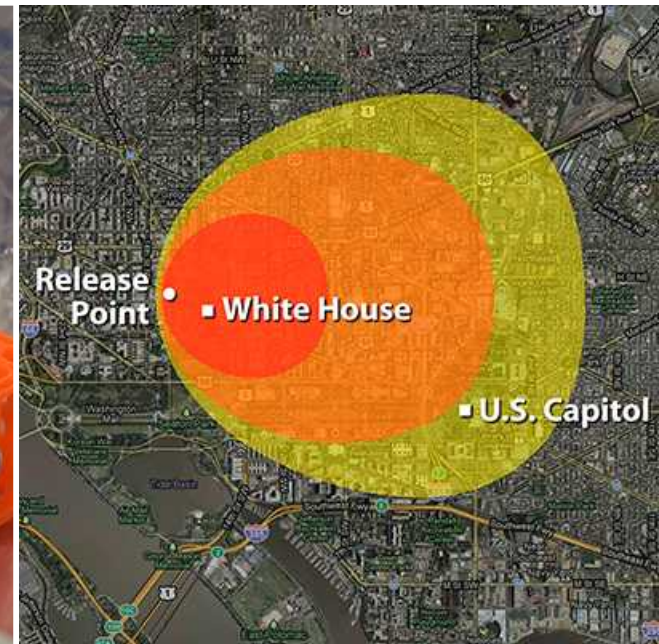
CHEMICAL



BIOLOGICAL



RADIOLOGICAL



Summary

As proliferation and terrorism threats continue to increase and evolve, Sandia will anticipate US needs and develop systems solutions to the challenges presented in a dynamic and complex international environment:

- Building on Sandia's science and technology foundations that are strengthened by strong relationships with the nation's top universities
- Building on more than 50 years of experience in domestic and international security
- Building on strong relationships with the nation's industrial base
- Building on relationships with and experiences in more than 120 countries

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