



The Honorable Peter T. King
339 Cannon House Office Building
Washington, D.C. 20515-3203

June 18, 2010

Dear Congressman King,

I'm writing to you in your capacity as the Chair of the National Security Solutions Group. This letter has special significance in light of how easily a lone terrorist penetrated the security around Times Square and almost succeeded in detonating a conventional car bomb. Imagine if the bomber had been more skilled and more resourceful and his device had been a "dirty bomb." The State and City might have had to deal with the contamination of thousands of individuals as they sat trapped in their cars as a radioactive cloud enveloped them as they tried to flee the confines of Manhattan.

However, a solution is ready for production that would reduce the impact of this nightmare scenario. My company is the patent holder of a product that allows a homeowner, business, government office, school, hospital, command center, critical infrastructure facility, etc. to **retrofit** existing, usable space and create a WMD shelter-in-place (SIP). Equipped with the proper CBRN filtered air supply (which we supply), the occupants can stay indefinitely inside the SIP until the danger has passed or until evacuation routes are clear.

The product is ideally suited for:

- Major metropolitan areas that are vulnerable to a radiological dispersal device ("dirty bomb") or attack with chemical agents such as Sarin, VX or mustard gas. In the U.S. alone, this risk is shared by over 48 million people.
- Areas within 50 miles of the 103 nuclear power plants in the U.S. that would typically require evacuation in the event of an accident. More than 166 million people live within these zones.
- Areas through which trains and trucks pass carrying HAZMAT materials; or cities surrounding major ports in the U.S. where huge quantities of hazardous chemicals are off-loaded
- Areas surrounding the 823 chemical production plants in the U.S. where a toxic release could affect more than 100,000 people. Calculations from the data provided by DHS reveal that more than 93 million people who are at risk in such areas.



The product, in its simplest form, is a self-adhesive, lead-lined, over-lapping system of 6-inch tiles. These “RBC Shield® Tiles” and their construction can be viewed in the enclosure to this letter and at the company’s website.

An entire test shelter has been built using the RBC Shield® Tiles to line the walls, ceiling and floor. The SIP was also equipped with a CBRN filtered air supply. In this configuration, the shelter was tested by two independent testing laboratories to determine the extent of protection it affords from radiological, biological and chemical hazards. A summary of these tests is included for your review. Two significant results from the various tests are:

- Radiation Hazard Protection: The radioactive tests revealed that there was less radiation inside the shelter (while being subjected to a radioactive source) than there was in the normal ground and air.
- Biological & Chemical Risk Protection: The SIP meets the criteria of a Class I Collective Protection Shelter as specified by US Army Corps of Engineers in Technical Letter No. ETL 1110-3-498.

In short, our company has a proven, tested, affordable solution to a national security problem that has been identified as a priority by the Department of Homeland Security.

Despite visits to the offices of Senator Mikulski, Rep. Bachus, Senator Cardin, Senator Shelby, and Rep. Bennie Thompson; and letters to Rep. Sessions, Senator Byrd, Rep. Artur Davis, Rep. Mike Rogers and to Alan Hanson of your office, I can’t break through the “system” to get Federal funding *NOW* to get the plant built and get this vital product deployed to the American people and to state and local governments.

Funding for this product shouldn’t be languishing until the next appropriation cycle. And it shouldn’t be delayed until a more capable terrorist than Faisal Shahzad comes along to finally spur the government to action.

You recently were quoted in Government Security News as saying, “*Keeping the American people safe and secure must be the number one mission of our federal government. Republicans in Congress have long recognized this critical fact.*” I hope this isn’t just more political rhetoric. I would like to meet with you as soon as possible to discuss how this project can be put on a fast track.

Sincerely,

Jim Rodgers
Managing Member
RBC Shield, LLC



RBC Shield, LLC

Patent licensing of Protective Technologies

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Enc: RBC Shield® Tile Components & Construction

Test Results: Executive Summary