

## THE U.S. NAVY CHARGED AEROSOL RELEASE EXPERIMENT (CARE) PROGRAM

**On September 19th, 2009**, the U.S. Navy and NASA sent a sounding rocket into the atmosphere over the Atlantic Ocean and released a “cloud” of charged aluminum oxide particles so they could study artificially created noctilucent “clouds” and other effects. They called this CARE, the Charged Aerosol Release Experiment. Paul Bernhardt is the principal investigator for the Navy’s Research Lab in Washington, DC. In a September 21, 2009 article by Rachel Courtland in *New Scientist Magazine*, Mr. Bernhardt stated, “The CARE experiment could also pave the way for future launches that would use the uppermost part of the Earth’s atmosphere as a large physics laboratory for studying charged dust.” Some of us take exception to this. Where is the public awareness and where is the legislative oversight?

**On October 9, 2009** NASA “bombed” the Moon, ostensibly to force from the impact a dust plume which might contain frozen water droplets. Setting aside for a moment the sheer audacity of such an action - as though NASA *owns* the Moon - it is of interest that NASA is again creating a “dust plume.” Did it also “charge” this one, as it did the CARE package? Where is the public debate regarding such actions? Was this allowed by Congress?

**In an October 30, 2009**, MSNBC article by Miguel Llanos, titled “*Willing to give up blue skies for climate fix? Geo-engineering gets closer look at a ‘Plan B’ in case emissions don’t fall*” he states that “A new study describes pros and cons of cooling Earth via a thin cloud of aerosols [Solar Radiation Management]. Techniques cited to do that are... artillery cannons, a miles-long tower, military aircraft and stratospheric balloons.” It seems to us that this kind of reporting, which has become increasingly prevalent in the last months, intends to prepare the public for the inevitability of geoengineering techniques like SRM. It is also of concern to us that these techniques may be a military program.

Could this be the “Sunshield,” recommended by Edward Teller before his death in 2003, intended to defend Earth from the sun’s burning rays? It’s important, I think, to remember that Teller is also the Father of the Hydrogen Bomb.

Is Dr. Teller's "Sunshield" also US Patent 5,003,186 - March 26, 1991: the "Stratospheric Welsbach seeding for reduction of global warming," assignee: Hughes Aircraft Company? In this patent "a method is described for reducing atmospheric or global warming resulting from the presence of heat-trapping gases in the atmosphere, i.e., from the greenhouse effect. Such gases are relatively transparent to sunshine, but absorb strongly the long-wavelength infrared radiation released by the earth."

When was the public's permission given for a program that admits to "seeding" our sky with *aluminum oxide, thorium oxide, or other Welsbach-like material*? These are materials characterized by wavelength-dependent emissivity or reflectivity, having high emissivities in the visible and far infrared wavelength regions and low emissivity in the near infrared wavelength region in particle sizes from ten to one hundred microns. Once the tiny particles have been dispersed into the atmosphere, the particles may remain in suspension for up to one year. Then what?

**Where are the Environmental Impact Statements? Why is Congress not addressing the effects on Agriculture, Forestry and essential life processes? Loss of direct sunlight and chemical fallout are critical issues which remain unaddressed.**

The Bonnefire Coalition has the documents available which support every item listed here. If it will be helpful we can email them to you. [bonne\\_fire@yahoo.com](mailto:bonne_fire@yahoo.com)