

# Project Woodpecker

By Cal  
1-9-5

In the Tulsa World (1-11-94), there was a small article entitled: "Weapons Designers Win Secret Award". It said this: "The Lawrence Livermore National Laboratory won an award. The staff is very proud. The award is on display. But, they can't say what the honor was for. It's a secret. Its 21 member "Project Woodpecker" team was cited. It won the Intelligence Community Seal Medallion. That's an award from the CIA and National Security Agency. The citation says the award was for solving complex problems."

PROJECT WOODPECKER pertains to the "Electron Cyclotron Resonance Heating Method" now being used to alter the earth's magnetic field---inorder to modify weather, create or trigger earthquakes and volcanoes, spread viruses, create the phenomnom known as "electromagnetic pulse", and, to modify behavior control among the populous. The HAARP (i.e. High Frequency Active Auroral Research Program) transmitter site, that is located NE of Gakona, AK, is large enough to cover most of the Northern Hemisphere. It is however but one of other such sites (some of which are known as "Ionospheric Research Instruments") scattered around the world. And, many of them here in the U.S. are able to tie into the much smaller GWEN (i.e. Ground Wave Emergency Network) remotely controlled transmitter sites that have been built all over the U.S. in a grid pattern, with their antennas spaced about every 200 miles or so.

The original research concerning the "Electron Cyclotron Resonance Heating Method" was done by Nikola Tesla, and later expanded upon by not only Soviet scientists, but also by U.S. scientists, such as Bernard J. Eastland---a scientist who was associated with ARCO (Atlantic Richfield Oil Co.). ARCO has traditionally been controlled by members of the CFR (i.e. Council on Foreign Relations). Eastland, who was the "front man", now resides in TX. He transferred the patent rights to APTI, Inc. (i.e. ARCO Power Technologies Industry, Inc.) in the late 1980s, which was a Los Angeles, CA subsidiary of ARCO. APTI, Inc. then sold out to "E-Systems" on June 10, 1994, which company has pretty much, over the years, been under the control and influence of the CIA. On April 3, 1995, "E-Systems" sold out to the still larger Raytheon Corp. I don't know what has happened, by way of "transfers" since that time.

The U.S. and the Soviet Union first began secret cooperation on world weather engineering in about 1971. On July 4, 1976, the Soviets began generating powerful electromagnetic transmissions, that were dubbed "The Russian Woodpecker" by western ham radio operators. On June 18, 1977, the US government OFFICIALLY became covert partners with the Soviets in these operations by sending them sophisticated scientific material and equipment for further research and development. The secret code name given US operations was Project Woodpecker. The Lawrence Livermore National Laboratory located at Livermore, CA was and is the main research center for US development of the Project. Covert funding for the Project was funneled through the CIA and the National Security Agency. The DOD and NASA have, of course, been cooperating in the Project from the beginning stages.

On Jan. 10, 1985 there was officially filed of record a Patent No. 4,686,605 entitled: a "Method and Apparatus for Altering a Region in the Earth's Atmosphere,

Ionosphere, and/or Magnetosphere". The Patent was approved on Aug. 11, 1987. This Patent explains and describes the "Electron Cyclotron Resonance Heating" method that is presently being covertly and cooperatively used by the two super powers to help bring about their coveted NEW WORLD ORDER, which is a "One World Government".

In 1993, researchers announced that they had discovered (back as early as perhaps 1985) a never before seen network of rivers, some of which flow for thousands of miles ABOVE earth's surface, that transport as much water in the form of vapor as the Amazon River.

Apparently, these narrow streams of ATMOSPHERIC rivers are transient, but at any given time, there are at least a few of them in the atmosphere, typically around five in each Hemisphere. The longest of them runs for about 4800 miles. They are generally about 150 miles wide (the largest being almost 500 miles wide), and about a mile deep, with some 364 million pounds of vapor flowing past a given spot each SECOND---which is comparable to an average flow of the Amazon River. These atmospheric rivers are flowing at an altitude of no more than 1.9 miles above the earth's surface, which makes them readily reachable by low pressure weather cells. In general, the atmospheric rivers head for the poles, but on the way, they can get deflected by the earth's Jet Stream. Their flow originates from along the equator. These vapor rivers sometimes get sucked into low pressure systems, and are the major sources of the massive flows of water that rains out of the storms and into the sky river's counterparts on land. US and Soviet scientists are now cooperatively "tracking" these atmospheric rivers for use in covert activities of Project Woodpecker.

In order to fully understand how the conspirators are able to use high powered r.f. transmissions to trigger earthquakes and/or volcanoes, one must have some

knowledge of the "principle of sympathetic vibratory resonance". Von Nostrand's SCIENTIFIC ENCYCLOPEDIA (Seventh Edition) defined RESONANCE: "Every physical system (i.e. all bodies, structures, mediums, etc.) has one or more NATURAL (or Fundamental) VIBRATION FREQUENCIES, characteristic of the system itself and determined by constants pertaining to the system. If such a system is given impulses with some arbitrary frequency, it will necessarily vibrate with that frequency, even though it is not one of those NATURAL to it." These "forced vibrations" may be very feeble, but if the impressed frequency is varied, the response becomes rapidly more vigorous whenever any one of the NATURAL (i.e. Fundamental or a harmonic of that Fundamental) frequencies is approached. Its amplitude often increasing many fold as an exact synchronism (i.e. or at a harmonic of the NATURAL) frequency is reached. This effect is known as RESONANCE. The greatest vibration will be induced in a system at its NATURAL or FUNDAMENTAL frequency (or at a harmonic thereof).

The Earth's NATURAL (or Fundamental) frequency (also sometimes referred to as the Schumann Resonance) is about 10 Hz. This appears to be the Resonant Frequency of our Galaxy, so, all bodies, structures, mediums, etc. within our particular Galaxy will be found to be RESONANT at either this Natural frequency or around 10 Hz, or at a harmonic thereof.

In the triggering of Earthquakes or Volcanoes, the trick is in determining the unique resonant frequency of the Earth's mantle AT THAT PARTICULAR SPOT (or target!) ON THE EARTH. Once the conspirators determine this, they can unleash an ELF carrier frequency through the earth, and then SUPERIMPOSE the harmonic frequency of the "target zone" using a second set of transmitters. This might be called: "Selective Targeting". Of course, the conspirators will

also have predetermined that the target zone will have built up enough stress within the zone to be "ripe" for activation.

This system of using ELF radio waves as a technique has many other applications. Not only is it being used to artificially trigger earthquakes and volcanoes, to develop high and low pressure weather cells that are used to steer the Jet Streams, to transport and deposit microscopic entities such as viruses and chemical agents, but, they are able to create a phenomenon known as an earth damaging "electromagnetic pulse" (EMP).

To understand how they do it, one must have at least some knowledge about the earth's magnetic field. The earth's magnetic field is comprised of atoms which are gyrating about a magnetic field line as its guiding center. The atoms are comprised of negatively charged electrons and positively charged protons. If you would look at a cross section of earth at the equator, you would see a solid core at the center, ringed by a liquid layer of molten iron, which is in turn surrounded by the solid mantle and crust. Within the liquid layer are several constantly circulating streams of iron called convection cells which work like oval conveyor belts. Driven by heat from the core, material in these cells rises towards the mantle, where it cools and sinks back down, until the heat pushes it up again. Geologists believe, that after these cells formed, early in the earth's history, the weak magnetic field that permeates the galaxy generated in them an electric current which in turn generated the earth's "magnetic field".

Now, in order for you to understand how the magnetic field lines of our earth work, you must understand the basic principal of how a simple "magnet" works. And, the way that most of us learned it back in our earlier school years, was **WRONG WRONG WRONG!** There is a "old concept" and, a "new concept" of the laws of magnetism. In the "new concept", you will note that there

is a "NEGATIVELY charged NORTH MAGNETIC POLE, and, a POSITIVELY charged SOUTH MAGNETIC POLE. (Draw it out on a piece of paper). The atom leaves the South Magnetic Pole spinning to the right (or clockwise). It then dips to the surface of the earth (at its Equator), and changes its spin (or phase relationship) by 180 degrees. When it leaves the Magnetic Equator of the Earth, it travels with a left (or counterclockwise) spin to re-enter the earth at the North Magnetic Pole. The negatively charged electrons and positively charged protons both follow helical paths around a field line, but they rotate at a certain gyromagnetic or 'CYCLOTRON FREQUENCY' in opposite directions. There is therefore linear movement along the earth's magnetic field lines. Thus, one can see, that this change in phase relationship between electrons and protons creates a different potential of magnetic energy in the Northern as compared to the Southern Hemisphere. By way of analogy, winds in low pressure weather cells circulate counterclockwise in the Northern Hemisphere, but they circulate clockwise in the Southern Hemisphere.

When side-by-side earth magnetic field lines are "altered" by speeding up one line's flow of negatively charged electrons, the magnetic field strength will combine to form a larger and stronger field. If the electron flow around one line is reversed or slowed down, the magnetic field strength between any two lines can be made to oppose each other and tend to cancel or lessen the magnetic field strength. The "force of gravity" in that particular local can thus be made to increase or decrease.

The atmospheric media that is being crossed by the earth's magnetic field lines is itself comprised of various molecules whose elements have different energy levels and which gyrate at different frequencies. Relatively recent discoveries have established that there are

naturally occurring radiation belts (sometimes referred to as the Van Allen belts) of trapped ionized particles, which particles bounce or oscillate back and forth at a specific cyclotron frequency, between so-called magnetic mirrored boundaries, along the earth's magnetic field lines. The scientific conspirators have also discovered that they can artificially increase the density of the charged particles within these radiation belts, and even create a radiation belt where none had existed, by injecting large clouds of gases---such as lithium, barium, hydrogen, etc.---from orbiting satellites or from earth launched rockets. These injected gases become ionized by the ultraviolet light of the sun, and by injecting them at a certain critical velocity. The procedure is enhanced when they are injected during periods of so-called "high tidal forces"---such as at New or Full Moon. And, when the Moon is at "perigee" and/or when it is over the "Equator". Also, when the Sun is directing large Solar Flares and/or Coronal Ejections towards the Earth.

By using extremely high powered radio transmitters to transmit a "tuned circular polarized ELF radio wave along or parallel to selected earth magnetic field lines, the charged electrons within that radiation belt will become "excited" or "heated". This causes the charged particles to move outward in a "plum" out of their mirrored boundaries. The plume of heated rising plasma is replaced by new plasma within the radiation belt. The aforementioned Patent states that temperature within the target radiation belt can be raised by hundreds of degrees, which incidentally is sufficient to cause an air glow or a phenomenon known as aurela borealis. This might be the only way that you might know that such covert operations are taking place. There may also be a sonic boom or noise that might occur from the rf bombardment. To continue: The kinetic energy of the moving particles so developed is on the same order of magnitude as the total kinetic energy of stratospheric winds known to exist. These changes in temperature and

winds aloft gives rise to the creation of high and/or low pressure weather cells that can alter the paths of the earth's Jet Streams. By using multiple transmitters, these weather cells can be made to move or hover over selective locations on earth, thus causing torrential damaging moisture to occur in some areas, while devastating droughts are made to occur in other areas. When the electromagnetic energy is suddenly released (by DECREASING the earth's magnetic field strength along that specific earth magnetic field line), the low pressure cell with its rising plume of air can be made to collapse---thus dumping the high winds and moisture that was present in that particular cell. This would be called a microburst by the weather guys reporting on your local TVs. These damaging hurricane strength winds would be "straight line winds".

When the rf bombardment of a target radiation belt is extremely powerful, the negatively charged electrons and positively charged protons can be forceably made to separate. This will cause an earth damaging electromagnetic pulse to occur, that is similar to lightning. This EMP will couple to surface antennas and power transmission lines, which will destroy sensitive electronic equipment. Thus, power outages can be so induced over selective targets.

That is basically as best that I can explain to you, the capability of this technique for world conquest. Sorry it took so long to read. But, as you can see, it aint easy

Regards,

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