

# EM radiation tests opposed

President Clinton  
The White House  
1600 Pennsylvania Avenue, NW  
Washington, D.C. 20007

Dear Mr. President:

As the Russian threat diminishes, the international technological threat and license by the United States Patent Office is on the increase. Recently, the Department of the United States Air Force and the Office of Naval Research have been solicited by Atlantic Richfield Oil Company Power Technology, Inc. to develop, implement, and test the use of high-power electromagnetic radiation (EM) in the upper atmosphere. Otherwise known as "High Frequency Active Auroral Research Program" (HAARP).

The use of high-power EM radiation in the upper atmosphere is raising concerns over its potential massive environmental impact. On August 11, 1987, Dr. Bernard Eastlund of Spring, Texas was granted a patent (No. 4,686,605) for a way of heating charged particles in the earth's atmosphere with radiation in the 20-100 kHz frequency band, which he says

could result in the "total disruption of communications over a large portion of the earth."

Alternatively, the system could be used to modify weather. Eastlund points out that his system "would have significant military implications, particularly as a barrier to, or confusing factor for, hostile missiles or airplanes." The patent has been assigned to APTI, Inc., a subsidiary of Atlantic Richfield.

Writing in the April issue of *Physics and Society*, Dr. Richard Williams, a physicist based in Princeton, New Jersey, warns that Eastlund's invention "might become a serious threat to the earth's atmosphere" and that it is not known how Eastlund's ideas might be applied because two other patents concerning this same invention are classified secret.

In his unclassified patent, Eastlund notes that a phased array of antenna would be ideal for generating the desired signal and the North Slope of Alaska would be a good place to test the weapon. Although a lot of energy - 10 to the 9th or 11th watts - would be needed, the capability is within the state of the art. Indeed, Eastlund

told Williams that "a secret project is already underway to study and implement the invention."

We urge that you request your National Security Advisor, Anthony Lake, to give you a full briefing upon the negative effects of the HAARP Project. Dr. Richard Williams, of the David Sarnoff Research Center at Princeton, believes that a first test of the HAARP Project would cause irreversible damage because the upper atmosphere is extremely sensitive to small changes in its composition.

The Inupiat People of Alaska are cognizant of Article 35.3 and 55.1 of the Environmental Modification Convention of 1977:

"Of course, some environmental devastation can be opposed because of the indirect effects on humans, not for the sake of the environment as such. But it appears that instrumental protection is covered separately under Article 55.1, which also mandates that 'care shall be taken to protect the natural environment' which in that section specifically includes 'such environmental damage' as would 'prejudice the health or survival of the population.' Attacks

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against the natural environment by way of reprisals are also prohibited under the provisions of Article 55.2. Both the United States and the Soviet Union are among the more than forty nations signatory to the related Environmental Modification Convention of 1977 (ENMOD)."

In times of peace there is no moral justification for this awesome weapon system which has the potential to destroy Earth as we know it today. We have real-

ized that the United States government has developed an international High-frequency Active Auroral Research Program along with Norway and Russia. There are several High-frequency transmitters located throughout the world which conduct research similar to that proposed by HAARP.

However, no facility, located either in the United State or elsewhere, has the transmitting capability needed to address the broad range of research goals which

HAARP proposes to study. The most capable High-frequency transmitters currently operating are located in Russia and Norway and have effective radiated powers (ERP) of roughly one billion watts (1 gigawatt). One gigawatt of wave generation and analysis of key ionospheric phenomena. The HAARP facility is designed to have an ERP above one gigawatt.

There is an ethical question to consider as the world has watched you take your oath to be faithful to the American people and to the Constitution of the United States. However, your good office appears to be in conflict through Atlantic Richfield's (ARCO) contribution to your presidential campaign. Mr. President, we the American People, do not desire the likeness of the Teapot Dome Scandal within your administration. It appears in Alaska that your influence via the Secretary of the Interior has already demonstrated a bias in favor of Atlantic Richfield's Kuvlum Field over the environmental concerns for which

the Secretary of Interior is charged.

Specifically, in the patent approved by the United States for 'ARCO, this section appears: "In northern Alaska, particularly the North Slope region, large reserves are currently readily available. Alaska and northern Canada also are ideally located geographically as to magnetic latitudes. Alaska provides easy access to magnetic field lines that are especially suited to the practice of this invention, since many field lines which extend to desirable altitudes for this invention intersect the earth in Alaska."

In Alaska, many of us are not happy with the prospect of ARCO altering the Earth's neutral atmospheric properties. We urge your exercise of the Emergency Sequestration Powers given to the Office of the President by the Graham, Rudman, and Hollings Act to cut the appropriations for deployment of the HAARP as approved July, 1993. We do not wish to be anyone's testing grounds as the Bikini Islanders have been, nor do we wish to be the experi-

mental subjects as with Project Chariot or the various vaccine experiments upon Indigenous peoples of Alaska.

Finally, Mr. President, we find that the HAARP experiment is on its final stages of deployment in Alaska. We, the American people, have the defense of necessity against the choices of evils of the ongoing criminal activities by the United States government, namely conspiracy or the complicity in the commission of crimes: genocide, crimes against peace, and crimes against humanity. The HAARP testing would automatically breach the principles of the Geneva Conventions, the United Nations Charter, the Genocide Convention, and the Hague Convention. We wish to point out to you, Mr. President, that this is not simply an act or an activity which may occur in the future, but these are inchoate crimes which are going on now.

Sincerely yours,  
s/Etok

Charles Etok Edwardsen, Jr.

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