

FN COMPLETE

glands. Products of bronchial aspiration  
of blood, mucus, many bronchial cells, a  
ments. Examination of expectorations a  
dust cells, and some bronchial cells.

Pulmonary function examination (I  
a quite significant and purely restrict  
more than 50% in vital capacity), with  
capacity, which was reduced to 1/3 of t

Blood gas examination showed a PaO  
with an oxyhemoglobin saturation of 95%  
7.45, with a discrete hypoxia with a te  
(Table).

*Glaser*

# INFORMATION

## Effects of Electromagnetic Energy on the Environment - A Summary Report

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### Abstract:

Man-uses of Electromagnetic Energy to cause beneficial effects, and to avoid potentially hazardous effects by controlling the electric and magnetic fields in his Environment are discussed. Included is a discussion of natural and man-made electromagnetic generators; the electrical nature of man; effects produced in exposed objects; the scope of the uses of Electromagnetic Technology; and their regulation by Public Laws.

Man is constantly striving to increase his standard of living in the environment where he wants to live. To do this he is continuing his search for ways to preserve and improve his own health and the usefulness of all other forms of living organisms and equipment that contribute to his own health and the usefulness of all other forms of living organisms and equipment that contribute to his well-being and enjoyment. This includes consideration of plants; animals; measuring and control devices. It implies that he must destroy those organisms that are antagonistic to his well-being that he must reduce any interference with the proper operation of his equipment.

There are, of course, many ways man, as an intelligent and innovative creature, can accomplish these desires and thus satisfy his wants, through the application of technological procedures that he has developed for environmental control.

What we want to talk about in this meeting concerns the use of Electromagnetic Technology properly used to benefit mankind and the environment in which he desires to live in peace and happiness.

We will attempt to show, in this brief presentation, that Electromagnetic Technology can be applied to almost every human endeavor to improve his environment, including that of satisfying his most fundamental desires for food, clothing, health, reproduction, security, communication and entertainment.

### The Electromagenetic Environments

The term environment, in the context of this paper refers to the electromagnetic environment. This means the areas over the Earth's surface where electrical energy that is produced by generators of electric and/or magnetic waves might affect living or inanimate objects.

In his message to Congress, in August 1971, the President of the United States stated that the quality of our environment can be improved substantially, if only we go about the task with sufficient energy. As the result of the passage of U.S. National Environmental Policy Act of 1969 (NEPA), by the Congress of the United States, a national policy was declared that will encourage productive and enjoyable harmony between man and his environment.

In the U.S. alone (1) more than 52 million persons are injured annually. Of these 110,000 die and 400,000 suffer long term disability. The yearly costs for medical and hospital expenses alone are running about \$3 billion and over \$7 billion in lost wages. The loss to the economy and the actual money loss is phenomenal.

Human health is too important, either from a humanitarian or economic point of view, to be left to chance or to fleeting bursts of attention. The number of citizens afflicted with disease is appreciable.