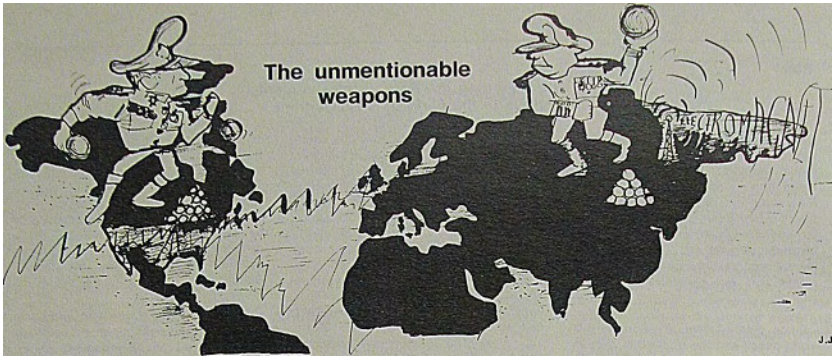

Following up a lead in a document submitted to the Conference Committee on Disarmament (Genève, 1977) on a « Draft agreement on the prohibition of the development and manufacture of new types of weapons of mass destruction and new systems of such weapons » (CCD /511 /Rev. 1), we noted that two of the weapons mentioned in the Annex to the document had seldom been widely discussed :

— « Infrasonic means using acoustic radiation to affect biological targets ».

— « Means using electromagnetic radiation to affect biological targets ». Other documents were found which certainly imply that we would be deluded to concentrate our attention on nuclear weapons and CBW. The following is a summary of some of the items of information.

1. Infrasonic weapons

— High volume, ultra low frequency sound (i.e. below the threshold of human hearing) drives human beings and animals mad. It literally - interferes » with the overall coordination of mind and body. For very high volumes close to the targeted people, the body is reduced to pulp. This type of weapon, used in a less violent manner can insiduously incapacitate large populations without much physical destruction of property or overall loss of life. As a weapon for mass destruction in heavily populated areas it can be very effective. There is little possible in the way of defence against it. It is particularly suitable for urban guerilla warfare.

2. Electromagnetic radiation weapons

— This is the use of broadcast radio waves to disorientate mass populations. The effects are simultaneous over the whole area blanketed by the radio waves and its effects can be made almost instantaneous, — requiring only a matter of seconds to initiate mental instability in each individual. On the other hand, it can also be used to slowly deteriorate the quality of mental activity and body functions by constant exposure to relatively weak radiations over an extended period. The advantages are the completeness of coverage, near impossibility of defence against it and the fact that it involves no logistics. No hardware in the form of missiles, planes, tanks, warships, — neither are troops required to penetrate enemy territory. Specially shielded buildings offer no protection against such radiation. It appears that considerable research is now being undertaken in secret on magnifying transmitters derived from the work of Nikola Tesla (who refused to share a Nobel Prize with Thomas Edison in 1912). These tap the reservoir of approximately two billion volts resulting from the difference in electrical potential between the surface of the earth and the upper atmosphere (and which give rise to 100 lightning bolts striking the earth somewhere every second). This essentially static reservoir of energy is oscillated in a manner which can release the power for practical purposes without the need for connections via wires. Such transmitters can also be used to produce very large electromagnetic standing waves thousands of miles long, originating from below the ground and extending up to the ionosphere. Such phenomena can be used to modify the weather by deflecting trade winds so that particular continents experience long periods of extremely cold weather, drought or flooding. Because the frequencies used are the same as the resonant frequencies of large oil tankers at sea, such electromagnetic waves can cause such tankers to break apart if they are close to the area where the waves are propagated.

Among the 150 different applications outlined by Nikola Tesla, were the worldwide transmission of speech, the worldwide transmission of telegraph, the transmission of electrical power over great distances, the generation of " death rays ", the generation of a curatin of charged particles (to protect a city), the ability to modify weather patterns and the generation of « fireballs » (electrical plasma). It was claimed that these effects could all be produced by the same equipment, depending upon how it was used. For example, tuned to one frequency, large populations could be incited to unstable behaviour, and to another they could be effectively hypnotised into hyper-stable behaviour. Semi-confidential reports are now appearing which link together isolated reports of events noted in newspapers and relate them to research being undertaken by the defence departments of the big powers. It is recognized that experiments on a large-scale have been undertaken, whether on people or to modify weather. Documents available to the public tend to blame one side or the other and have therefore not been cited here.

3. Psychotronic weapons

— A report on parapsychological research by the US Defense Intelligence Agency (DST-181 0 S-387-75, Sept 1975) indicates that « psychotronic » generators have been devised to draw « biological energy» from humans whether by direct contact or by mental concentration. Such energy once accumulated can be used at some later time to create effects similar to magnetism, heat, electricity, and luminous radiation, although not identical with these. There effects are reproducible. In their present form they can be used positively to enhance certain types of growth. It is reported that they can however be used as weapons, by disrupting the psychic equilibrium of individuals, possibly on a mass scale.

« ... psychotronic research will eventually be applied to human problems. As this occurs, the question will arise whether this knowledge and the equipment developed will be used for the enhancement of human freedom and social development, or for regimentation and enslavement. Psychotronics could conceivably play a role in contributing to the survival of the human species; by emphasizing the interconnections between all living beings, it should help to reduce human aggressive tendencies. By the same token, it could also be applied to increase such aggressive tendencies and it has powerful potential for use as an effective weapon against groups of men and key leaders ».