

1 . Towards Abolition of Nuclear

●The First Tragedy

Hiroshima (8:15am, 6 August 1945) Nagasaki(11:02am, 9 August 1945)

Atomic bombs were dropped to these two places, destroyed the land within 2 kilometers from exposed center by thermal rays and blast, scorched in a fraction in a second. More than 200, 000 people died in a week, more than 600, 000 people were exposed to radioactivity. Leukemia, cancer and influences to embryos (by the atomic bombs) are still continuing until today.

●The Impact of Atomic Bombs

If 1 mega-ton of atomic bomb (about 80 times stronger than of Hiroshima's) was dropped to TOKYO...

- 300, 000 people would be killed in two kilometers from exposed center, three million people in five kilometers, six million people in ten kilometers, ten million people in 20 kilometers.
- 1 mega-ton class of atomic bomb would completely destroys the largest cities in the world.
- What is worse, an influence of radioactive fall out covers several kilometers, whose damage is immeasurable.
- If nuclear power stations were destroyed, the damage would be much larger. The damage by nuclear is truly immeasurable.

●The Current Situation of Nuclear Weapons

- The number of nuclear weapons was 50, 000 during the cold war between USA and USSR (Total 25, 000 mega-ton).
- Nuclear weapons have currently been decreasing. Yet more than 20, 000 are still left (Total more than 10,000 mega-ton). As 1 mega-ton of nuclear weapons can kill 10 million people, 10, 000 mega-ton can kill 100 billion people, i.e. 16 times of total population of the world (6 billion).
- The latest nuclear weapons are mostly multi-warhead style, which can attack 100 places at once. If these weapons were fired, counter systems such as interception and automatic reprisal system would be on active, developing into an all-out nuclear war even by mistaken fire and blast.

●Possibility of Nuclear War

- Famine, poverty, economical gap, environmental problems, confrontation of ideology and religion, terrorism and so on. These can lead to use nuclear.
- If 1 nuclear weapon is fired, an all-out nuclear war will start by an automatic reprisal system.
- The idea that nuclear weapons contribute to keeping the world peace is unrealistic.
- The world peace can not be realized by nuclear weapons.
- It is impossible to consider that nuclear power nations would surrender without using their nuclear weapons.
- Human beings would be completely extinct by the world war III.

【Disputes and Wars】

- For the sake of existence of all living creatures on this planet, abolition of nuclear weapons is a must!
- *The statement mentioned above is not only the result lead by large amount of experiments and studies on nuclear weapons between 1970 and 2000, but also a unanimous opinion by scientists and specialists of USA and Russia in this field.

●About “Nuclear Winter”

- If 1% of nuclear weapons in the world was used, which could be 100 mega-ton (equivalent to 5, 000 times of the atomic bombs dropped to Hiroshima), a half of the world population (about 3 billion) would be killed.
- Enormous dust that blown up by the blast would cut off the sun beams. The sun beams would become 1/100, dramatically lowering the temperature. This phenomenon is called “nuclear winter”.
- The whole world would become below the freezing point, deadly damaging agriculture, thereby killing most of the living creatures.
- It would take several years when the dust fall down and the sun beams recover. However, as the ozone layer had been destroyed, the rest of the life being such as microorganism and lichen would be killed completely when the sun beams recover.

=>As long as nuclear weapons exist, there can not be a true peace!

●Another Nuclear Weapon: Nuclear Power Plants

- The area within 100 kilometers would be destroyed and a few millions of people would be killed by a big accident of nuclear power plants. This impact is equivalent to nuclear weapons’.
 - There are 104 nuclear power plants in USA, 59 in France, 58 in Japan, 37 in Russia, 35 in UK and so on. The total number of nuclear power plants is about 500 in the world.
 - While developed countries are planning to abolish the nuclear power plants, only Japan goes against this stream, planning to increase the number. In other words, Japan is a big nuclear country!
 - There are several possibilities of big accidents; artificial mistake, huge scale earthquake, computer error and so forth.
 - Nuclear power stations can be abolished! There are certain ways to abolish nuclear power plants that are already demonstrated by other developed countries:
1. Changing to small scale, dispersal type, and high efficiency energy resources. When the wasted heat is used for heating in surrounding areas or buildings, heat and electricity efficiency work up to double. This means the power station can be decreased down to half.
*In Japan big and low efficient power stations are built at the areas where few people live. Only electricity is sent to the city far away, leading to bad efficiency and no use of the heat.
 2. Efforts to restrain the peak by raising up the electricity price during electricity peak time like a day time in summer. In France, the electricity price during the day time is risen up to 11 times higher than other time of the day. On the other hand, Japan has just kept building power stations without making effort like France.
 3. Demand-Supply Management is implemented in Europe.

【Disputes and Wars】

4. Letting the power companies compete with each other in order to facilitate the safe and clean energy.
5. Promoting energy generation from various power sources such as wind, water, wave, sea and solar.
=> As long as nuclear power plants exist, there can not be true peace.

●For a Realization of a Peaceful Society

- Understand the danger and the latest movement in the world;
 - Lead every city to declare “non-nuclear city” by expressing our voices together;
 - Let Japan declare be a truly non-nuclear state by expressing our opinions all together;
 - Establish the world citizens’ network “United Global Citizen”, and change the countries against all human hopes by expressing our opinions by way of international boycott.
- => Let’s realize both abolition of worldwide nuclear and a true peace by establishing “United Global Citizen”!