A REVIEW OF THE NUCLEAR WEAPONS FILE IN THE PROLIFERATION COUNTRIES AND IN THE PROLIFERATION CONCERNED ONES

Lieutenant General (ret.) Associate Professor Constantin MINCU, PhD.*

Abstract: As it is known, this year, in August, the victims of the nuclear attacks carried out by the United States of America on the cities of Hiroshima and Nagasaki were commemorated in Japan and around the world.

Since then and until today, the nuclear arsenals have increased spectacularly, reaching in 2019, (approximately) 13,865 nuclear weapons worldwide but with colossal destructive powers, in the order of megatons and gigatons. The most active promoters are, as in the past, the United States and the Russian Federation (the heir to the USSR's nuclear arsenal). The leaders of the nuclear states do not seem to give the slightest sign to remove, or at least to diminish, the danger.

Keywords: nuclear weapons, Hiroshima, Nagasaki, USA, the Russian Federation, countries owning nuclear weapons.

August marks the 75th anniversary since the launch by the United States of America of two nuclear bombs on the Japanese cities of Hiroshima and Nagasaki (August 6 and 9, 1945).

At the time of the bombs launching - although the war in Europe was ended with the capitulation of Germany - Japan and the United States were still at war.

The two atomic bombs were weapons of shock and terror. The huge advantage of these weapons was not military because the United States would have gained little by destroying two Japanese cities. But, from a civilian point of view, Japan would lose a lot. The novelty brought by nuclear weapons was not the large-scale destruction (which could have been achieved with conventional weapons, in the required amount), but the fact that nuclear weapons compress catastrophic destruction in a very short

^{*} Entitled member of Romanian Scientists Academy, Vice-President of Military Sciences Section, and member of Honorary Council of Romanian Scientists Academy. E-mail: mincu_constantin@yahoo.com; Phone: 0722 303 015.