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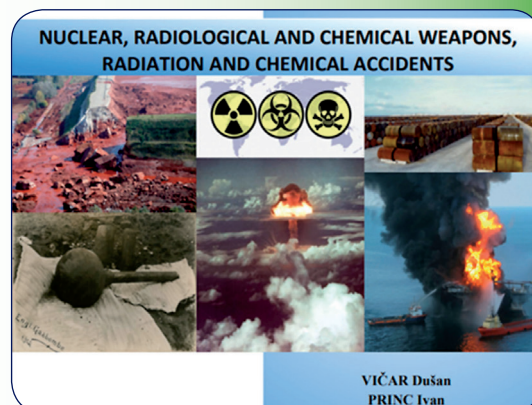
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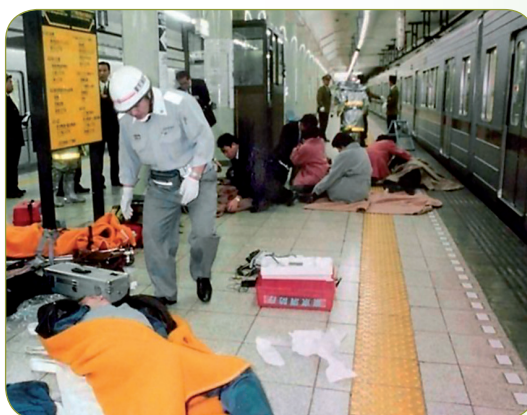
*In connection with the armed conflict in Ukraine in progress as inhabitants of the neighbouring country the situation raises in us the real spectre of **potential radiation hazard** that could occur whether after deliberate or unintentional missile attack from the side of Russian army at the nuclear power plants in Ukraine. In us, the elder ones, it evokes unpleasant memory of the accident of the nuclear power*

*plant in Chernobyl when the neighbouring countries were in danger of secondary contamination by fission radioactive emissions of uranium (U-235) such as e.g. iodine (I-131), caesium (Cs-134 and Cs-137) and strontium (Sr-90). The second and much bigger threat would be the use of nuclear munition with which the Russian government was threatening, according to the mass media, not only to Ukraine. Read more on pages 9 to 14.*

*E-book entitled: **Nuclear, Radiological and Chemical Weapons, Radiation and Chemical Accidents**. The publication following from the current international situation may allow the laymen and also experts get acquainted with selected aspects of weapons of mass destruction and protection against them in the case of wider popularization. If the Geneva Conventions containing also provisions on the protection of dangerous objects or objects that could become dangerous if they came under military attack, are breached, population may be put in danger. Leakage of radiation from the power plant or chemical toxic substances from these facilities could endanger the whole Europe.*



*An example happened in the 1990s during the war for Kosovo when 23 petrochemical plants, oil refineries, fuel depots and 121 important industrial plants containing various chemicals and substances harmful to human health were attacked during the bombing of selected targets. Throughout the war, thousands of tons of highly hazardous substances (including dioxin) were released into the air, soil and water, contaminating an area of more than 100,000 km<sup>2</sup> (exceeding the territory of the Czech Republic). The above highlights the importance and usability of the e-book as a comprehensive material in the field of „protection against the effects of the use or misuse of nuclear, radiological and chemical weapons, and of radiation and chemical accidents“. Read more on page 6.*



*Considering the present events, the war conflict in Ukraine in progress and threats of various attacks in the form of terrorism, in the effort to provide some important information and data, the author uses the space in the Civil Protection journal and starts with introducing the first chemical substance of sarin followed by some significant warfare chemical agents. They will be **chemical substances***

*that present the biggest potential hazard for population in case of use at civil targets. Some basic agents will be presented (defined as warfare toxic agents) such as: sarin, soman, VX, IVA, Yperite (mustard gas) and some irritating and psychoactive chemical agents. Read more on pages 52 – 53.*