

Prof. Dr. *Dusko Vejnovic*
regular professor University of Banja Luka
main and responsible editor scientific magazines
Defendology and Sociological discourse

Implications delays nuclear waste on Trgovska Gora

Danger delays nuclear waste on Trgovska Gora represents serious environmental , political , legal and health problem that causes concern how at inhabitants Bosnia and Herzegovina , so and in the wider regional and international to the community . Trgovska Gora, mountainous nearby area borders between Croatia and Bosnia and Herzegovina , was selected by Republics Croatia as potential location for postponement low and medium radioactive waste , which opens whole spectrum complex questions which include ecological consequences , safety risks , legal disputes , international obligations and political tensions between two neighboring countries . Nuclear waste is one from the most dangerous shape waste because his long term harmful action can to last thousands years , and inadequately storage or postponement can lead to catastrophic consequence by human health and life the middle .

In the context Trgovske Gora, this problem is special sensitive because it is an area which is located in the immediate vicinity proximity Una , one of the purest river in Europe , whose ecosystem depends from preservation natural balance , and each contamination radioactive materials could have unfathomable consequences . In addition to ecological risk , there is and serious danger by health population which lives nearby proposed locations , with considering to that long-term exposure radioactive materials can lead to increased risks from diseases like cancer , genetic mutation , infertility and other health problems . Besides , delay nuclear waste on Trgovska Gora represents and violation international convention and legal norms which regulate protection life environment and human rights , including and the Espoo Convention , which requires that everything states consult affected sides on the occasion adoption decision which I can to have cross-border ecological consequences . Bosnia and Herzegovina is growing on occasion opposed plans Croatia and searched international arbitration , but Croatian authorities and further continue planning project , ignoring justified concerns and opposition Bosnian and Herzegovinian public . This problem additionally complicates the fact that Trgovska Gora is located in a seismic active zone , which means that any earthquakes could endanger security warehouses nuclear waste and to cause a leak radioactive matter in life the middle . At the same time , geological structure soil on this one area not suitable for long-term storage radioactive it is useless , because there is possibility

underground penetrations contaminated substances into waterways and land , which would have unfathomable consequences by ecosystem and health people .

In addition to ecological and health risk , delay nuclear waste on Trgovska Gora has and serious political implications , because violates bilateral relationships between Bosnia and Herzegovina and Croatia , increases tensions and makes it difficult interstate cooperation in other areas . In the past for years , Bosnia and Herzegovina institutions are in more on occasion warned international organizations to the problem of Trgovska Gora, but reaction international community so far was lukewarm and insufficient to stop realization this one project . On the other hand foreign , Croatia justifies yours decision by making it mandatory to ensure long term storage radioactive waste from Nuclear power plants Krško , which divides with Slovenia , but question locations for postponement waste not solved on way who would appreciate cross-border ecological and health standards . Instead of looking for alternative inland locations their own territories , Croatia tries solve the problem on way which threatens neighboring the state , which violates principles good-neighborly relationship and international rights .

The question arises . because of what did she choose exactly Trgovska Gora, considering to the fact that they exist and others possibilities for storage nuclear waste on territories Croatia which would have less controversial character and would not cause cross-border disputes . This situation opens and wider discussion about responsibility country for nuclear energy and nuclear waste , as and about the need for stricter international regulations which would prevent certain countries they transfer burden dangerous waste on bill of their own The problem of nuclear power waste not only ecological already and ethical problem, because sets question intergenerational responsibilities and way on which today's decisions affect on future generation . Disposal nuclear waste on Trgovska Gora is not only threat current population already and future for generations which will to inherit ecological burden decision brought today . Long-term radioactive contamination can destroy biodiversity , contaminate water resources , reduce agricultural productivity and to violate quality of life in the affected regions .

Besides , there is and economic aspect this one problems , because the eventual radioactive contamination could lead to drastic falls values real estate and nearby land Trgovske Gora, which would be additional impoverished population that Tourism , as well as one from potential source economic development , would also be threatened , because none region which is known by nuclear waste ca n't to expect tourist prosperity . In this context , delay nuclear waste on Trgovska Gora is not only local problem, but question which requires serious engagement all level authorities in Bosnia and Herzegovina , as and international organization which deal with protection life environment and human European rights Union , of which Croatia is member , has obligation ensure that its members respect ecological

standards and do not endanger life middle neighboring countries . In that sense , Bosnia and Herzegovina the authorities should intensify diplomatic efforts and use everything legal and political mechanisms to prevent realization this one project . One of the possible step is submission lawsuits against Croatia before international courts , with calling on violation international convention and cross-border ecological standards . Also , civil activism and pressure public I can to play key role in stopping this one project , because history shows that they are many ecological harmful projects stopped exactly thanks to massive protests and engagement civil society .

Finally , postponement nuclear waste on Trgovska Gora represents a complex problem that requires multidisciplinary access and cooperation all relevant actors . Conservation nature and protection health population they must to be priority in adoption decision which they have long-term consequences , and the question nuclear must not be discarded to be subject political calculation and short-term economic of interest . Therefore, it is crucial that the Trgovska Gora problem be resolved on way which will to ensure sustainable development , preservation ecosystem and respect rights citizens Bosnia and Herzegovina on healthy life the middle .