


Ed Dames shares graphics to accompany his [8/25/22](#) appearance.

Western experts assess consequences of Zaporozhye NPP accident



Arms Control and Disarmament Agency (ACDA), Washington DC, USA






Dry storage for spent nuclear fuel

"... Despite the presence of risks of damage to infrastructure and the creation of preconditions for emergencies with ZNPP reactors, the occurrence of a large-scale catastrophe seems unlikely.

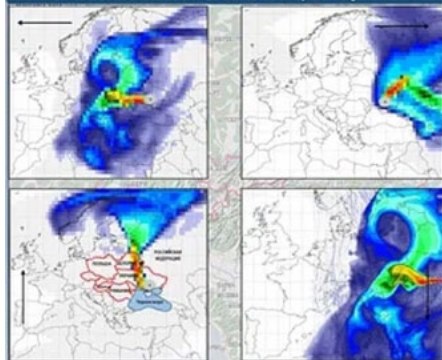
At the same time, it cannot be excluded that a direct hit of large-caliber artillery shells into the dry storage of spent nuclear fuel will result in radioactive contamination of the area within a radius of up to 20 km.

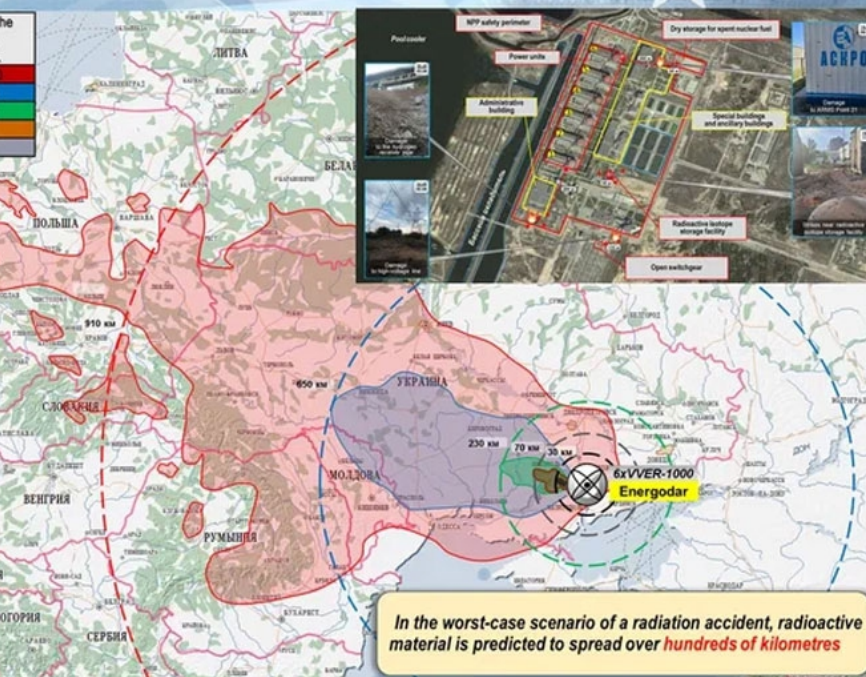

...the risks of radiation spreading across Europe are estimated to be minimal...".

Forecast of possible consequences of an accident at Zaporozhye NPP

Area index	Type of power unit (reactor)	Length of zone, km	Width of zone, km	Area of the zone, sq. km.
M	VVER-1000	912	27.3	28,400
A		650	11.8	7,696
B		231	5.07	1,171
C		72.1	3.105	223
D		29.4	1.97	57.9

Forecast of the situation in case of release of 25% of the contents of one reactor at Zaporozhye NPP



*In the worst-case scenario of a radiation accident, radioactive material is predicted to spread over **hundreds of kilometres***