


# THE CHORNOBYL CATASTROPHE



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# INTRODUCTION

When?  1986, 26 April, 01:23 a.m.

Where?  **Ukraine, Kyiv oblast, Chornobyl city**

 **145 000 km<sup>2</sup> were destroyed**



**The radiation emission was 400 times higher than the pollution from the Hiroshima bomb.**



# BACKSTORY



**During the preparation of the experiment at the Chernobyl NPP, the personnel violated safety rules, and the structural mistakes of the RBMK-1000 type reactor also increased the risk**

# IMPACT AFTER EXPLOSION

**After the explosion at the Chernobyl NPP, the radioactive cloud spread to large areas of Ukraine and Europe, polluting soil, water and air. Thousands of people were forced to leave their homes, and the city of Pripyat turned into an abandoned one.**



**Radiation has had a negative impact on people's health, causing an increase in cancer.**

**it also has given some biological disorders for animals and plants**



# CHORNOBYL NOWADAYS



in 2016 was build a massive dome above the ruined 4th energy block for protection from radiation. It's 110 m high and it's 3,5 times heavier than the Eiffel Tower.



You can't live in Chernobyl because of radiation.  
However, you can visit this place as a tourist

**Over 10 000 liquidators gave their lives in the Chornobyl catastrophe .**

**And over 500 000 lives became victims of radiation.**

