

TRAVEL BACK TO THE 1980'S AND SEE WITH YOUR OWN EYES HOW THE CITY OF PRIPYAT SURVIVED THE ATOMIC DISASTER

Power Plant Zone of Alienation radiation exposure in the enis an officially designated exvironment, as well as increasing clusion zone around the site of interest from tourists. The zone the Chernobyl nuclear reactor has become a thriving sanctuary with natural flora and fauna disaster. with some of the highest bio-The Exclusion Zone covers an area of approximately 2,600 diversity and thickest forests km2 in Ukraine immediately in all of Ukraine. This is due to surrounding the Chernobyl the lack of human activity in the Exclusion Zone and is despite Nuclear Power Plant where the radiation. radioactive contamination is highest and public access and The Chernobyl Exclusion Zone was the site of fighting habitation are restricted. between Russian and Ukrai-The Exclusion Zone's purpose is to restrict access to hazarnian forces during the Battle dous areas, reduce the spread of Chernobyl on 24 February of radiological contamination, 2022, as part of the Russian inand conduct radiological and vasion of Ukraine. ecological monitoring activiti-Geographically, it includes es. Today, the Exclusion Zone the northernmost raions (distriis one of the most radioactively cts) of the Kyiv and Zhytomyr contaminated areas in the world oblasts (regions) of Ukraine. and draws significant scientific

EXCLUSION ZONE

interest for the high levels of

The Chernobyl Nuclear





THE VEKTOR COMLEX

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The Vector radioactive waste storage complex is located 17 kilometers from the Chernobyl nuclear power plant. Its capacities are sufficient to ensure the decontamination process and subsequent storage of radioactive fuel waste concentrated in the territory of the exclusion zone itself.

Experts note that today there are about three million cubic meters of such radioactive materials in the exclusion zone. The complex includes a storage facility for the disposal of radioactive waste in reinforced concrete boxes, as well as facilities for the disposal of waste in bulk.



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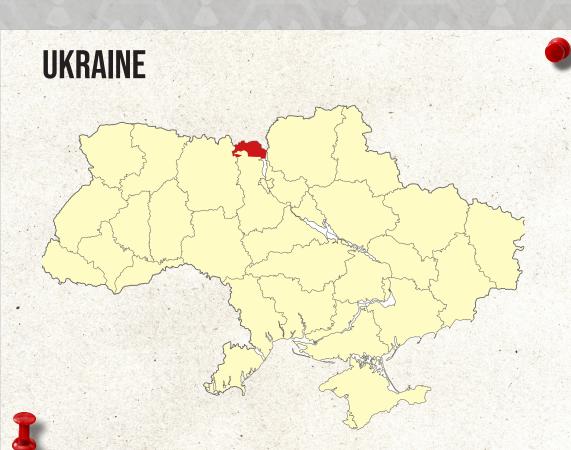
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Duga-1 is one of the three Soviet "over the horizon" radar stations. A system made for early detection of attacks by ballistic rockets. The array station was hidden in forest together with the secret military town Chernobyl-2.



Chernobyl is situated to the north of Ukraine close to the border with Belarus. Prior to the nuclear disaster, the city had a population of 14,000. It was largely abandoned in 1986 as the exclusion zone was established (the city of Slavutych was built specifically for the evacuated population) and in 2010 it had a registered popula-



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CAFÉ PRIPYAT

lar destination.

Standing proudly on the

beautiful shoreline of a vast

lake, Cafe Pripyat, or "the Dish"

as it was affectionately known

by locals, was naturally a popu-

visitors with a 360-degree view.



Named after the nearby river, Pripyat was officially proclaimed Pripyat, it was founded on 4 Feb- a city in 1979 and had grown to a ruary 1970 as the ninth atomgrad population of 49,360 by the time to serve the nearby Chernobyl it was evacuated on the afternoon Nuclear Power Plant, which is lo- of 27 April 1986, one day after the cated in the adjacent ghost city of Chernobyl disaster. Pripyat is also supervised by the Chernobyl.

SWIMMING POOL

Pripyat Swimming Pool had a flourishing swimming team until the disaster at the nuclear power plant in 1986.

Until 1998 this pool was beautiful and in full use. Clean and inviting for the liquidators who were tasked with clearing the radioactive material from the city of Pripyat in Ukraine. But 12 years after the disaster, when the final liquidators left, it was abandoned along with the rest of the city. Today the pool is one of the cleanest places in the city in terms of radioactivity.



Even though Pripyat was a model



Before the accidents, there were

five schools: one for each of the

five districts of the city. Usualy-

ly, they were built in the middle

of the district so that it would be

comfortable for all the people to

The school N°3, right next to the

Azure swimming pool, is one of

the most photographed buildings

in Pripyat with the hundreds of gas

State Emergency Service of Ukra-

ine, which manages activities for

the entire Chernobyl Exclusion

Zone, and is administered directly

from the capital of Kyiv.

SCHOOLS

reach the school.

the radiation.



AVANHARD STADIUM

The stadium was, along with





components for home appliances, but the factory secretly the pool, the most important produced semiconductor comobject of the city's sports infponents for the military, and rastructure. In the aftermath of had test workshops for robotic the accident, the stadium was systems. used as a landing pad for he-The factory opened in 1980 licopters. Later, a meteorologiand employed around 3,500 cal station was placed on the people and became the second football field for monitoring employer in the area after the power plant.



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IV

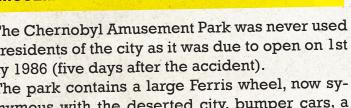
It was officially a manufacturer of cassette recorders and

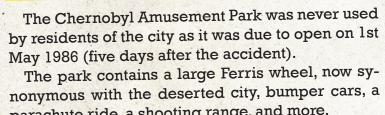


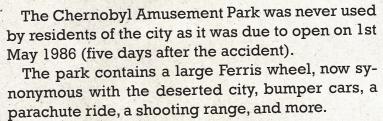


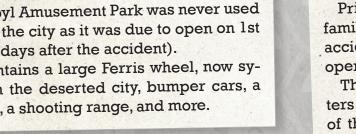
May 1986 (five days after the accident).

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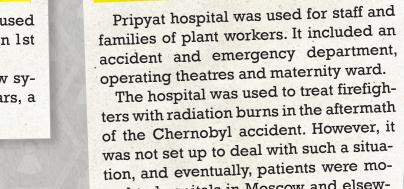








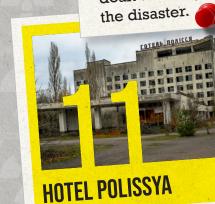
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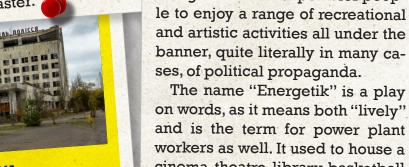
HOSPITAL



ministrative institution of Pripyat. After the disaster the offices were home to

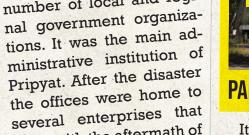


PALACE OF CULTURE It was built during the 1970s and



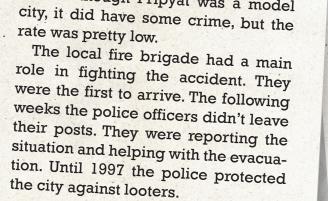
The hotel was built in the

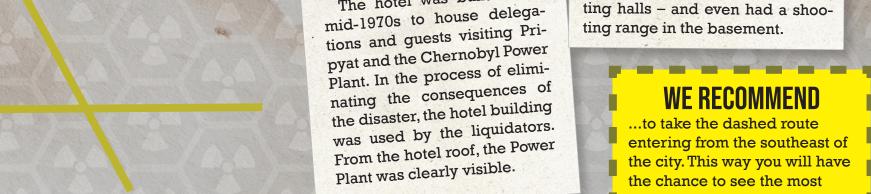
PRIPYAT CITY HALL The city hall housed a number of local and reginal government organizations. It was the main ad-



dealt with the aftermath of designed as a focal point for peop-

on words, as it means both "lively" and is the term for power plant workers as well. It used to house a cinema, theatre, library, basketball court, swimming pool, boxing/ wrestling ring, dancing and mee-





...to take the dashed route entering from the southeast of the city. This way you will have the chance to see the most prominent sights of Pripyat in the shortest possible time.

WE RECOMMEND

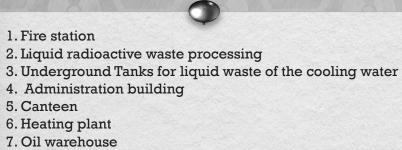


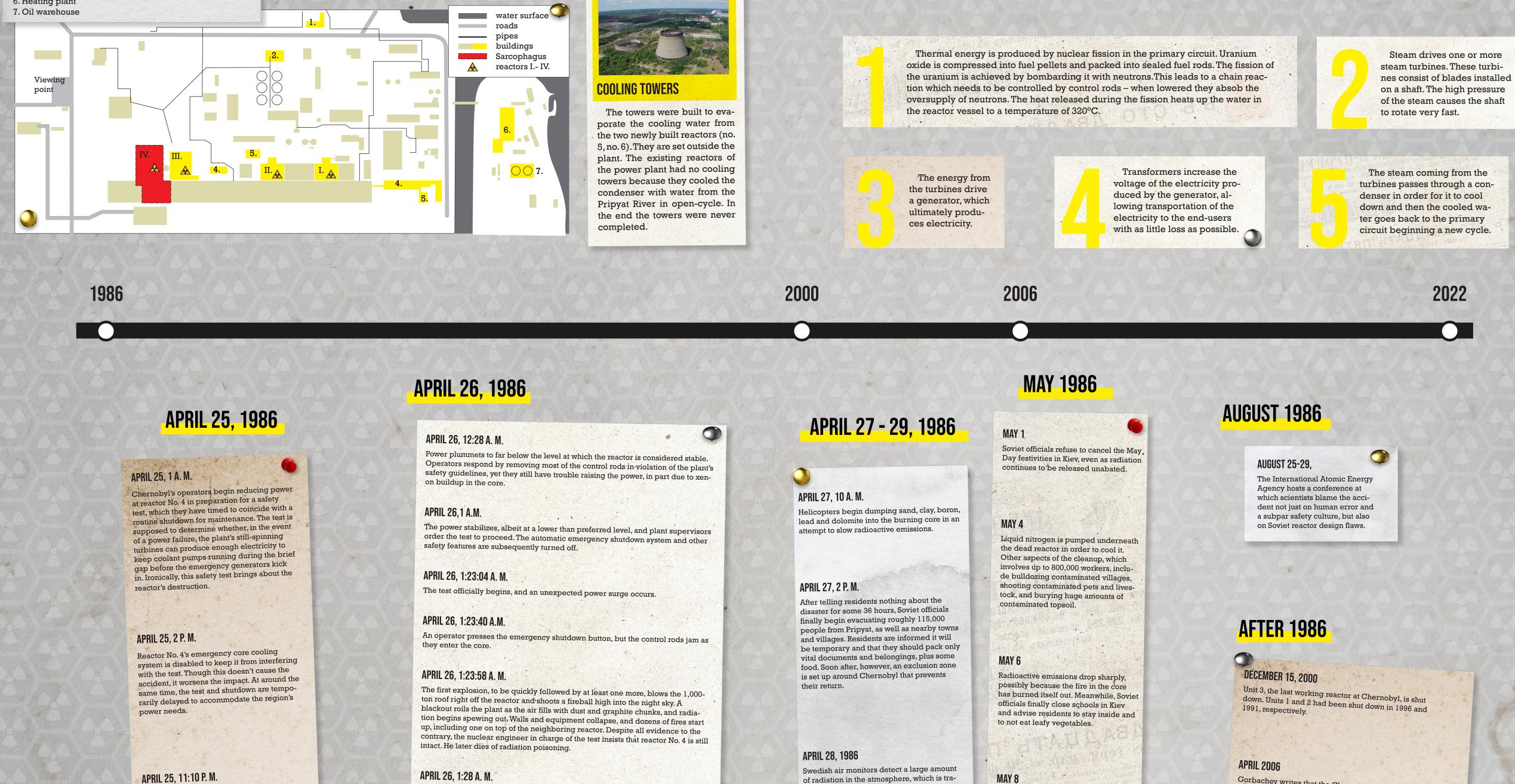
To search for a suitable site for a nuclear power plant started in 1965 by the ,TeploElektroProekt Institute'. The site was built 4 km from the village of Kopachi in the Chernobyl region, 15 km from the city of Chernobyl near the Yaniv station.

The completion of the first reactor in 1977 was followed by Reactor 2 in 1978. Reactor 3 was inaugurated in 1981, and 4 in 1983. Reactor No. 4 was the site of the Chernobyl disaster in 1986. Two more blocks, numbered five and six, were planned at a site roughly a kilometer from the contiguous buildings of the four older blocks.

On April 26, 1986, the Chernobyl disaster occurred at reactor No. 4. As a result, Reactor No. 4 was completely destroyed, and therefore enclosed in a concrete and lead sarcophagus, followed more recently by a large steel confinement shelter, to prevent further escape of radioactivity. Large areas of Europe were affected by the accident. The radioactive cloud spread as far away as Norway.

After the explosion at Reactor No. 4, the remaining three reactors at the power plant continued to operate, as the Soviet Union could not afford to shut the plant down. In October 1991, reactor No. 2 caught fire, and was subsequently shut down. In November 1996, following pressure from foreign governments, reactor No. 1 was shut down. In December 2000, reactor No. 3 was shut down after operating briefly since March 1999. In April 2015, units 1 through 3 entered the decommissioning phase.







LENIN NUCLEAR POWER PLANT

The ,Chernobyl Nuclear Power Plant' was officially named the ,Vladimir Ilyich Lenin Nuclear Power Plant'. It had four active plants. Reactor 4 exploded in 1986. The remaining three plants were eventually shut down by 2000.



REACTORS 5 AND 6

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Two more reactors, capable of producing 1,000 MW each, were under construction at the time of the accident. They were scheduled to start operating on November 7, 1986. Furthermore a 6th reactor was planned in a new block of buildings scheduled to be completed in 1994.



The first construction and

installation work on reactor 5 began in 1981. Construction continued throughout the night of the explosion. Construction work was

soon stopped but resumed

again on the 10th October

1986. Six months later on

the 24 April 1987 work was

once again halted and the

decision was made not to

After 23 years and one

day of operation, on Decem-

ber 15, 2000, the nuclear

power plant permanently

stopped generating electri-

city. Currently, they are de-

commissioning the nuclear

power plant and transform

the destroyed fourth power

unit into an environmentaly-

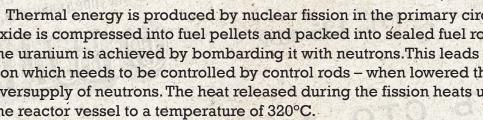
J.M.

ly friendly system.

complete the reactors.

ALL YOU NEED TO KNOW ABOUT NUCLEAR ENERGY

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Operators receive permission to continue with the test and shutdown. By now, the less-experienced night shift is on the job, which purportedly never received proper instructions on how to perform the test.

APRIL 26, 2:15 A. M.

and wear no protective clothing.

Local Soviet officials convene an emergency meeting at which they decide to block cars from exiting or entering Pripyat, a nearby city that was built to house Chernobyl's workers. Police officers assisting with the roadblock likewise have no knowledge of the radiation and wear no protective clothing.

The first firefighters arrive at the scene. They have no knowledge of the radiation

APRIL 29, 1986 Spy satellite photos provide U.S. officials with

by the Chernobyl disaster.

ced back to the USSR. Soviet officials admit

state the situation is under control.

that there's been an accident, but they falsely

their first glimpse of the devastation wrought

MAY 9, 1986

MAY 14, 1986

worst is behind us."

ment under the core.

Workers begin pouring concrete under

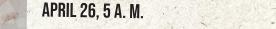
Workers finish draining about 20,000

tons of radioactive water from the base-

Gorbachev writes that the Chernobyl disaster, "even more than my launch of perestroika, was perhaps the real cause of the collapse of the Soviet Union."

FEBRUARY 2022

The Chernobyl Exclusion Zone was the site of fighting between Russian and Ukrainian forces during the Battle



Officials shut down reactor No. 3, to be followed the next morning by reactor Nos. 1 and 2. They are re-opened months later.

APRIL 26, 6:35 A. M.

By now, all fires have been extinguished except for a blaze in the reactor core, which will burn for days.

the reactor, which is later encased in an enormous concrete and metal structure known as the sarcophagus.

Soviet leader Mikhail Gorbachev speaks publicly about the incident for the

first time, saying on state TV that ,,the

