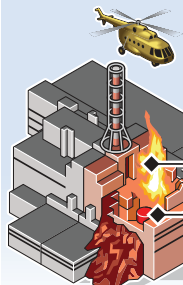
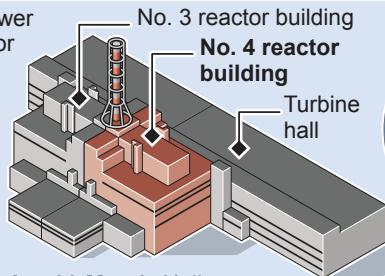


Chernobyl dome to contain radiation

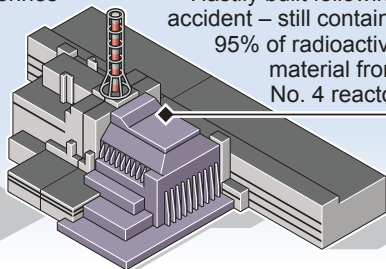
The Chernobyl reactor – scene of the world's worst nuclear disaster 30 years ago – is being entombed in a giant steel shelter. The \$2.2 billion New Safe Confinement project is due for completion in 2017, replacing the crumbling concrete sarcophagus erected after the accident

■ **Apr 26, 1986:** Power surge in No. 4 reactor causes explosions, destroying core and blowing off building roof. Radioactive cloud causes 4,000 cancer deaths in Ukraine, Belarus, Russia and Europe



■ **Apr 26-May 9:** Helicopters drop thousands of tonnes of lead and sand to smother fires

■ **Sarcophagus**
Hastily built following accident – still contains 95% of radioactive material from No. 4 reactor



Plant's other three reactors shut down in 2000

■ **New Safe Confinement**

Weight: **31,000 tonnes**

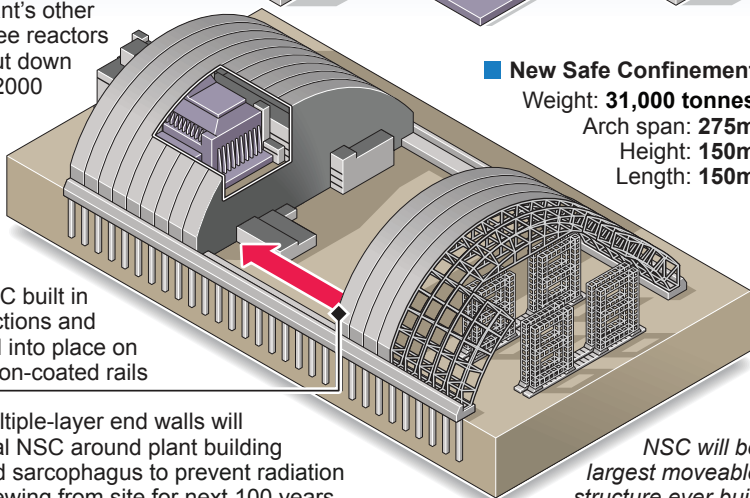
Arch span: **275m**

Height: **150m**

Length: **150m**

NSC built in sections and slid into place on teflon-coated rails

Multiple-layer end walls will seal NSC around plant building and sarcophagus to prevent radiation spewing from site for next 100 years



NSC will be largest moveable structure ever built