

CERN nTOF11 Experiment

CERN-INTC-2003-033
INTC-I-049
26 April 2004

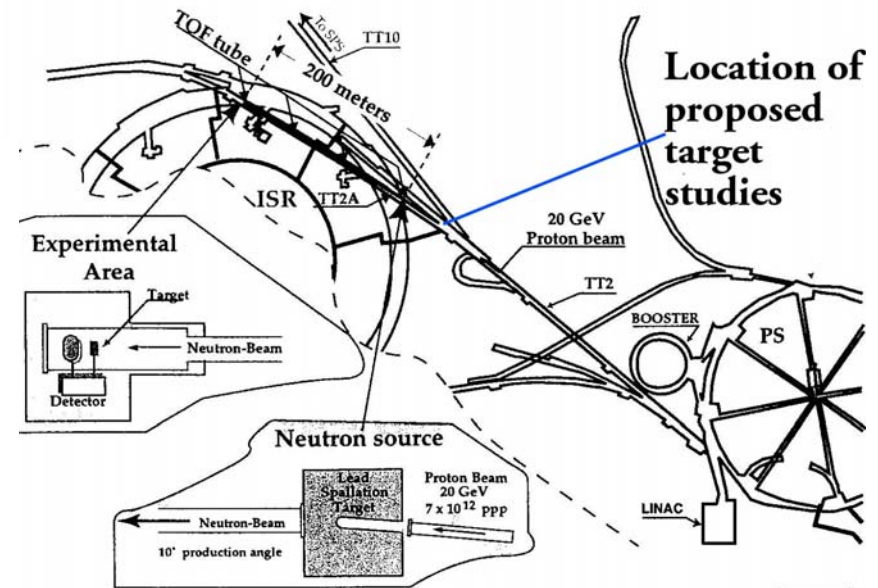
A Proposal to
the ISOLDE and Neutron Time-of-Flight Experiments
Committee

Studies of a Target System for a 4-MW, 24-GeV Proton Beam

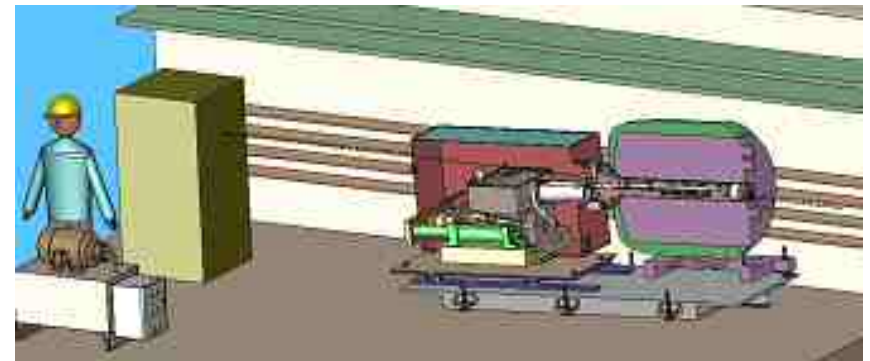
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Approved 4 April 2005, to run in 2007.
Each beam pulse is a separate experiment.
~ 200 beam pulses in total.



Free mercury jet target
in a 15-T Solenoid magnet.



Benign dispersal of mercury jet in a
BNL proton beam:

