

Abstract Submitted
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Sorting Category:

Installation of the Ignitor Machine at the Caorso Site*

S. MIGLIORI, ENEA, G. FAELLI, Piacenza, M. ZUCCHETTI, Politecnico, TO, F. BOMBARDA, ENEA and Collega di Migliori — An in depth analysis of the facilities of the Caorso site, that at present houses a spent nuclear power station, in view of utilizing them for the operation of the Ignitor machine has been carried out. The main feature of the site is its robust connection to the electrical national power grid that can take the disturbance caused by Ignitor discharges with the highest magnetic fields and plasma currents. Another asset is the building called cold workshop that can house the machine core and the associated diagnostic systems with modest modifications. The tritium laboratory, the distribution of the components of the electrical power supply system, the analysis of the machine activation and the relevant safety issues are presented.*Sponsored in part by ENEA of Italy and by the U.S. D.O.E.

Prefer Oral Session
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