
INTERNATIONAL CONFERENCE ON GEOLOGICAL REPOSITORIES ICGR 2016
CONTINUED ENGAGEMENT AND SAFE IMPLEMENTATION
December 9, 2016

**VISIT OF THE FRENCH DISPOSAL FACILITIES CSA (LILW) AND CIRES
(VLLW)
- AUBE DISTRICT -**



Andra operates two industrial disposal facilities, the CSA and the Cires, located 250 km away from Paris, in the Aube district.

Centres de stockage de l'Aube (CSA)

Designed and constructed following Andra's strict specifications and under its supervision, the CSA was licensed and commissioned in 1992 for the disposal of the LILW-SL. For more than 20 years Andra has been operating, monitoring and upgrading the facility under the control of the French Nuclear Safety Authority (ASN). In 2013 more than 12,500 m³ of waste packaged were disposed of in the CSA facility.

The CSA's operational cycle is designed to last 60 years; then, following its closure, the facility will be monitored for another 300 years before being released from under the institutional control.

CSA - Key Figures:

- 1 million M³ licensed disposal capacity
- 95 hectare-industrial territory with less than 1/3 dedicated to disposal structures
- By 2013, 1/3 of the disposal capacity has been filled
- Radiological impact evaluated in 2013 : 0.00097 micro-Sv

Centre Industriel de Regroupement, d'Entreposage et de Stockage (Cires)

Since 2003, 2 km away from the CSA, Andra operates a facility designed to safely dispose of VLLW. The Cires was designed and constructed following Andra's specifications, was commissioned in 2003, and was the first facility in the world dedicated to the safe disposal of very low-level radioactive waste.

CIRES - Key figures:

- 650 000 M³ licensed disposal capacity
- By 2013 more than 250 000 M³ of it has been filled
- 24,300 M³ of waste were disposed of in 2013 alone
- In 2012, two industrial building were added: a grouping building for non-nuclear radioactive waste,
- A temporary storage building for the non-nuclear Long Lived radioactive waste which currently does not have a disposal solution (lightning conductors, radioactive waste owned by private individuals, historical radioactive medical materials, radioactive waste from the remediation of the polluted sites)

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PROGRAMME

07:00 AM - Departure from the Rail-way station Denfert Rochereau and transfer to the Centre de l'Aube (2 Engineers of International Division of Andra will stand with you in the bus).

10:00 - Welcome coffee at the CSA and registration formalities (passport required)

10:30 - General presentation of the 2 Disposal facilities (CSA and Cires)

11:15 - Visit of the CSA

13:00 - Lunch on site or closed the site

14:00 - Visit of the Cires

16:30 - End of the visits and travel back to Paris

20:00 – Arrival in Paris

Access maps: <http://www.andra.fr>