FROM RESEARCH TO INDUSTRY

nuclear expertise from France

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2018 8 6

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Christine GEORGES

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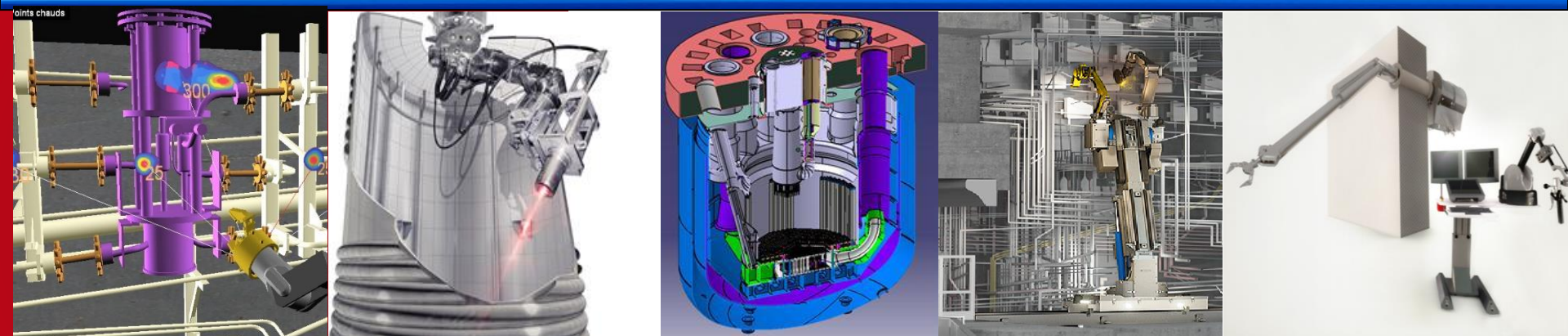
christine.georges@cea.fr



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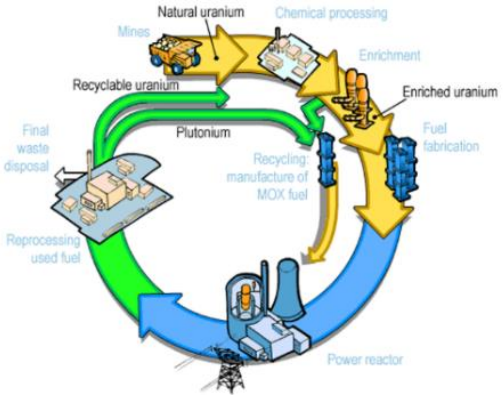

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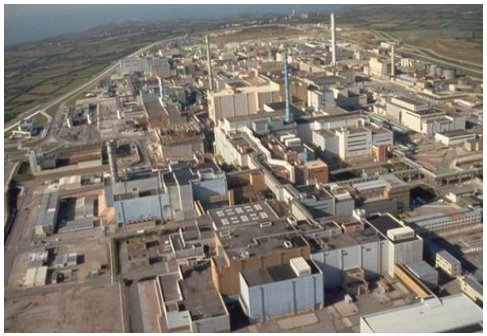

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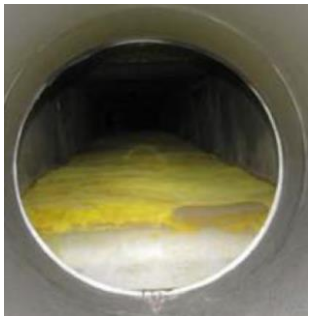

2.5×10³ Gy/h
10⁴ Gy/h

5×10³ Gy/h

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FROM RESEARCH TO INDUSTRY

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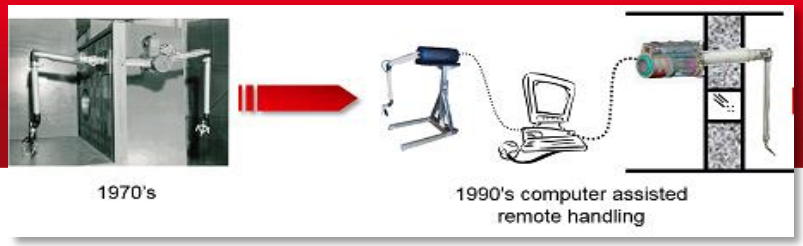

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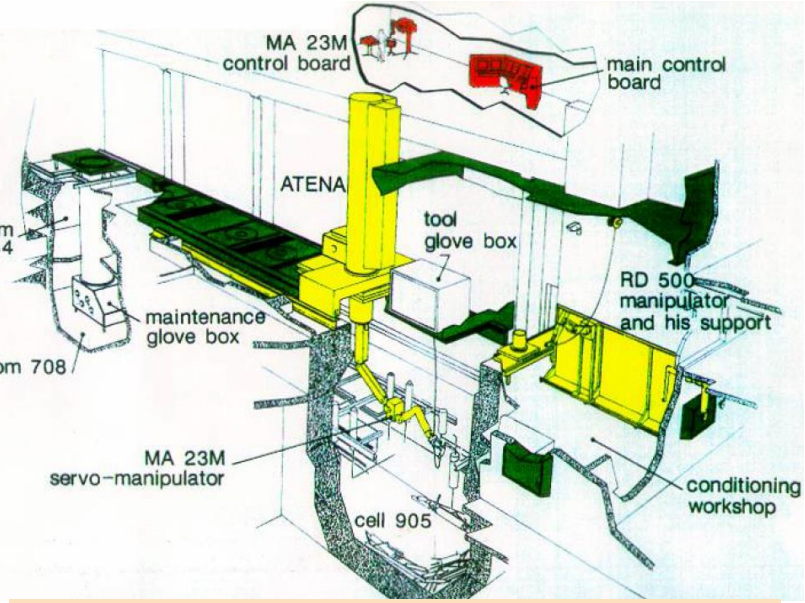

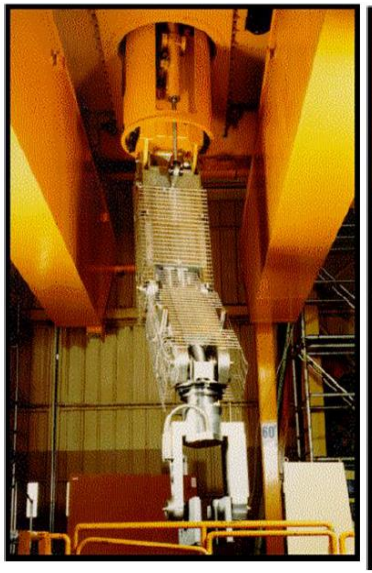

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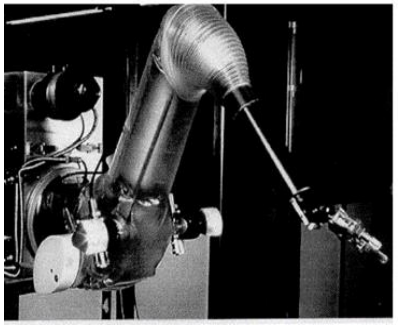
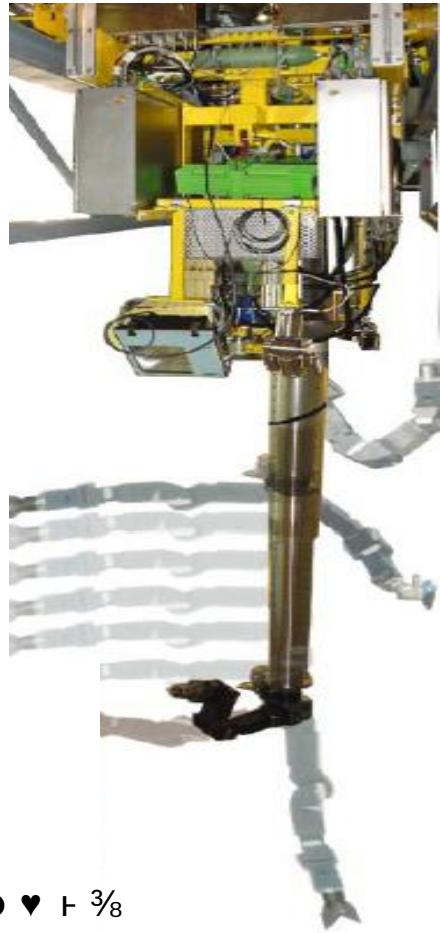


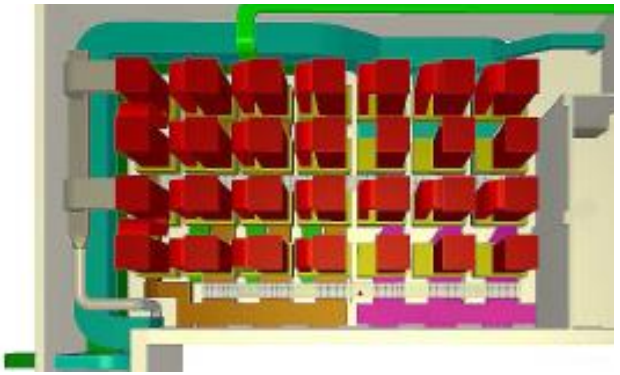
CEA⅜Cybernetix ≤ ﻓﻨ ≠ 80

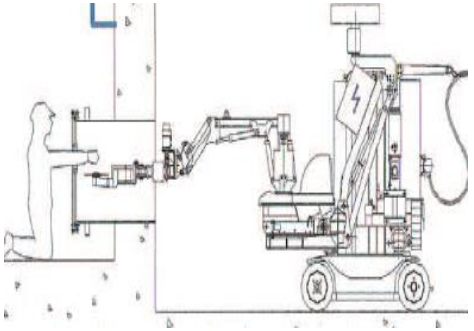
☇ ⌐ ⇔ √ RS500

UP1 ï CEA

U/PU







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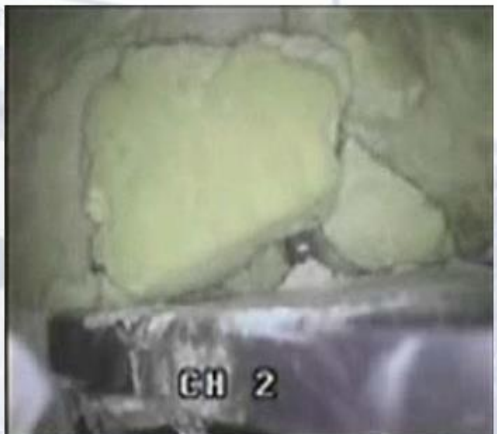

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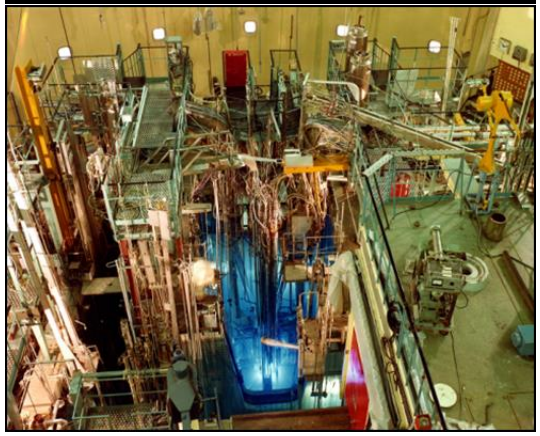

2005

2007

2008

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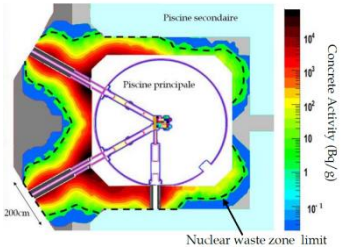


2009 ↕ ╢ √ —

2010 —

Cea List

2004-2008

CYBERNETIX CEA List

⇒2008 **TORE SUPRA**

200°C 10^{-5} Pa

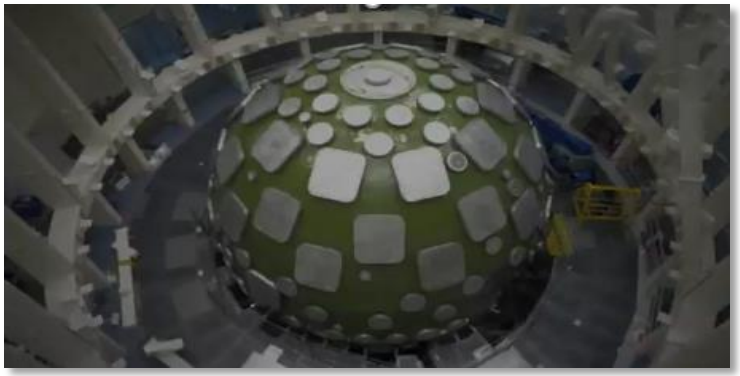
⇒ **CEA DAM LMJ** **2012**

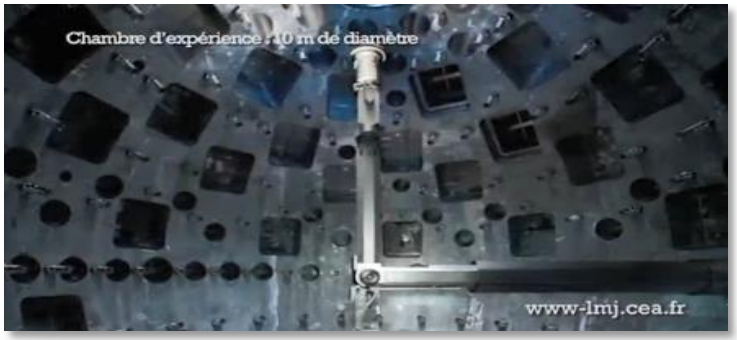
250 /50kg 2cm

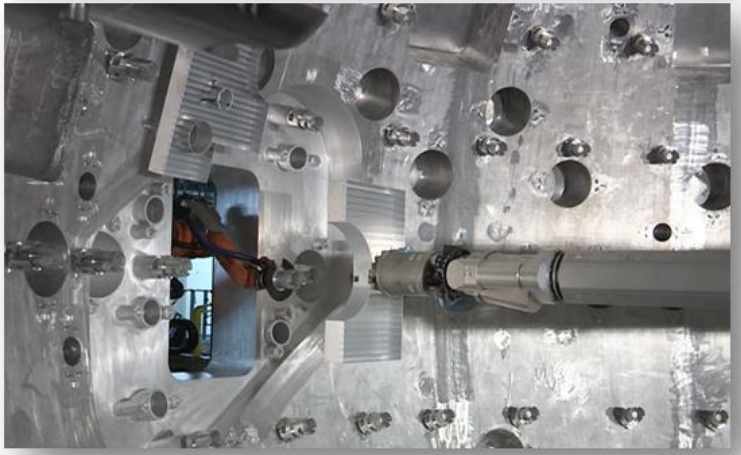
17m 100

12m 6m

630mm







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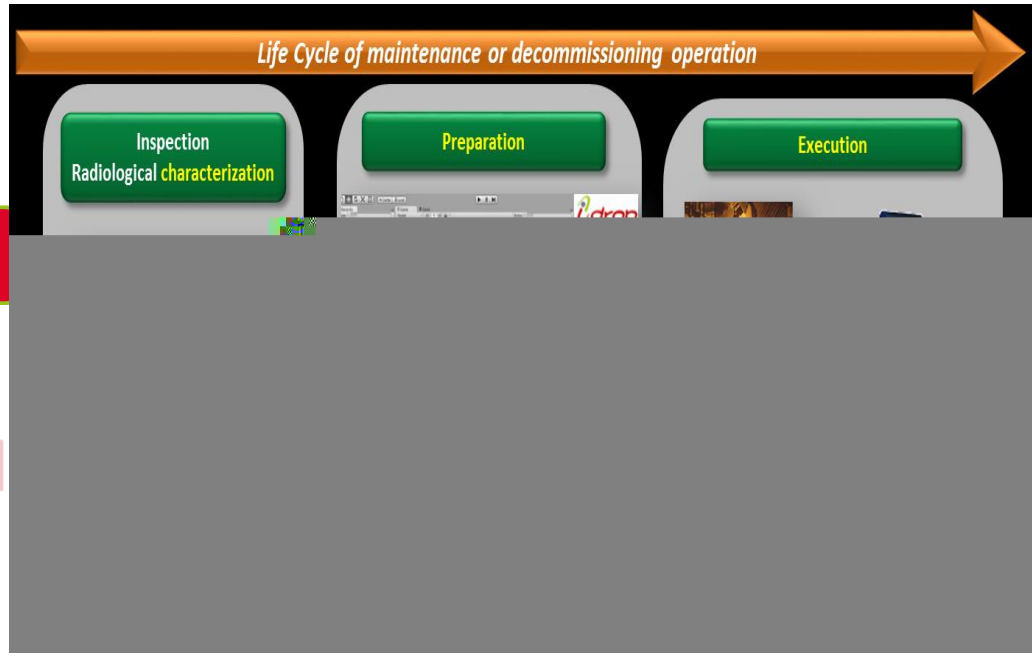
Chemical Decontamination
Robotics
Treatment of liquid effluents
Knowledge of operators
Volume / complexity of equipments
Waste treatment transport, storage
Dosimetry
Safety
Availability of feedback, reliability of process
Cost, schedule, risks
Life Cycle of maintenance or decommissioning operation
Inspection
Radiological characterization
Preparation
Execution