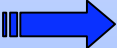


Introduction – Pascal Laureillard – EDF R&D

Virtual Reality in nuclear power plant maintenance

- EDF Research and Development Division
- In the Virtual Reality team (15 people)
- Technical manager of “3D maintenance” project
- Issue : use of 3D data in preparation and during the outage unit in the EDF nuclear power plants

 Demonstration during the workshop

My life before VR and nuclear maintenance...

I come from CAD system and CAD data

Introduction – Pascal Laureillard – EDF R&D

CAD system and 3D data in the design of power plant in EDF R&D (2000-2002)

- Introduction of 3D mockup in the design and maintenance of hydraulic power plant
- Export and structure engineering data from PDMS to Web publication

Collaboration around a digital mockup in Renault Trucks (1997-2000)

- How to introduce manufacturing expertise (forging and machining) during the design of a truck front axle
- In collaboration with industrial sociologists to analyze and understand the organization, the tools and the different expertise
- Evolution of CAD system : the collaboration entities concept