

Civaux

2007 Key figures

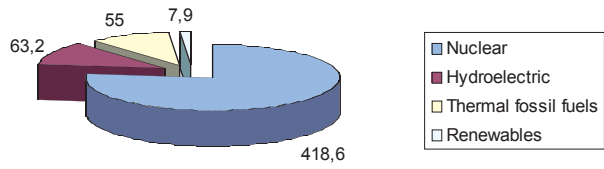
2007



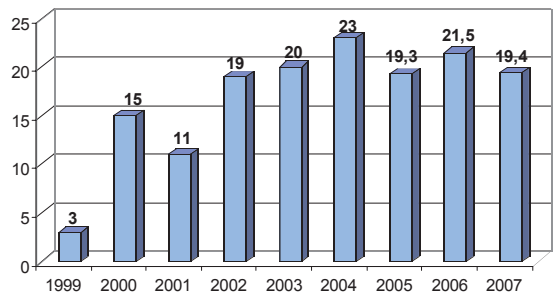
1. Electricity Production, our business

Located in the Mid West of France, Civaux NPP has two pressurized water reactors with a capacity of 3 000 MW. Civaux unit 1 began generating electricity in 1997 and Unit 2 joined the grid in 1999. Production is guaranteed 24 hours a day, 7 days a week. Every year, production is interrupted for maintenance and refueling. Short outages for simple refueling alternate with heavy maintenance outages every two years.

► The French electricity production by source (TW/h)



► Evolution of Civaux generation (TW/h)

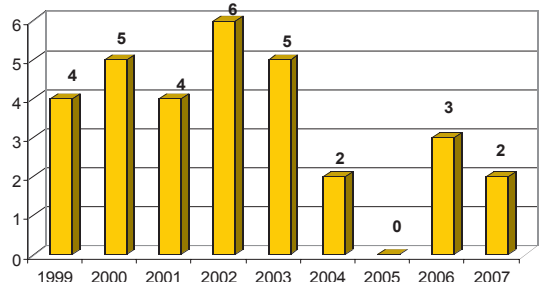


In 2007, the slight decrease in production was influenced by a heavy maintenance load. Civaux's generation represents 4% of EDF's total fleet production. This 4% powers more than 2 million homes.

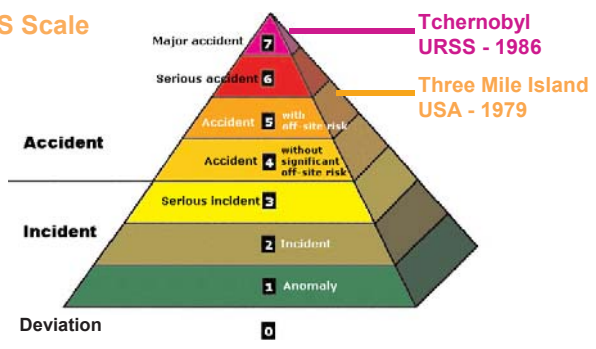
2. All our energy towards nuclear safety

► Number of significant events level 1 on the INES* scale

* International Nuclear Event Scale



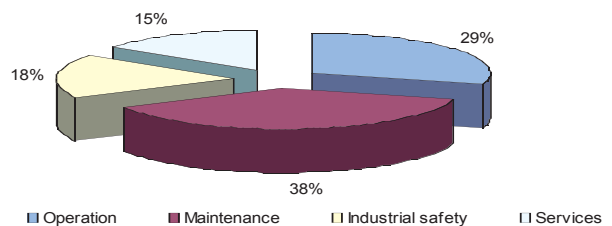
INES Scale



Civaux NPP declared 4 level 1 INES events in 2007 (without impact on environment and populations), 2 automatic shut downs in 2007 compared to 3 in 2006 & 4 in 2005. During 2007, 400 inspections were done by the EDF Inspections department and Nuclear Safety Authorities. Civaux's staff participated in 6 emergency drills (technical incidents ; health, safety and radiological protection). 3 involved the Fire department and 1 included Public Authorities and the surrounding population. These regularly scheduled exercises reinforce all EDF and Public authority requirements.

3. Skilled men and women

► Civaux's employees by sector

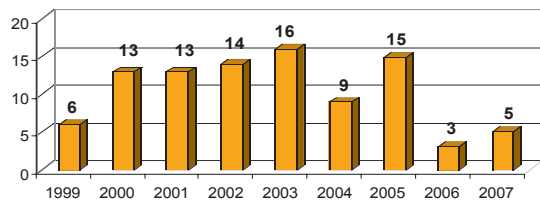


Civaux has a staff of 700 EDF NPP employees and 170 contractors. In 2007, 6.18 % of Civaux's total payroll was dedicated to continuous training in order to improve employee skills. 43,153 training hours were given. Each control room operator followed 200 hours of training, 70 hours of which were spent on the control room simulator. Fire exercises are organized every week for Operations department and all the staff follow basic training given by the local Fire Department every 3 years.



4. Workers' industrial safety : our priority

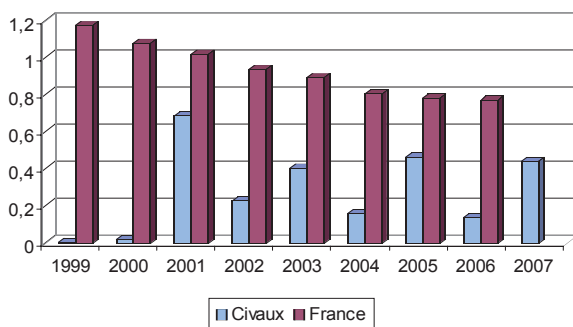
► Number of industrial injuries with sick leave (EDF + contractors)



Civaux had 5 industrial injuries with sick leave in 2007, all workers combined. This result is higher than in 2006 but continues to be significantly less than in 2005. A risk analysis must be done before every activity and the management has put in place a pro-active Human Performance Improvement program in order to decrease industrial injuries.

In December 2007, Civaux was certified ISO 18001 for its health and industrial safety management.

► Collective dosimetry (HmSv)



In the field of radiation-protection, collective dosimetry in Civaux is higher than in 2006 because of heavy maintenance outages with 5000 maintenance activities mostly in the Radiological Controlled Area (RCA) such as the modification of the equipment hatch in the reactor building. The Civaux NPP is the 3rd amongst the fleets 58 reactors for its results in radiation-protection.

► Industrial safety and skills for contractors

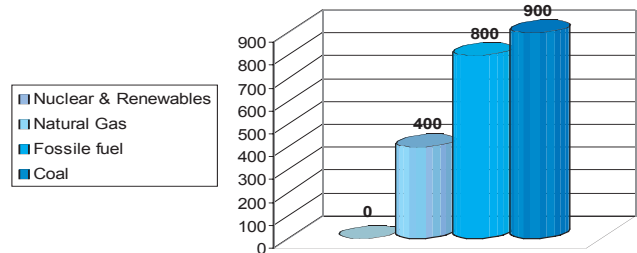
All the companies providing permanent or temporary employees for Civaux NPP must sign a Risk Prevention Plan before working. This plan is a risk analysis which covers every activity, foresees all possible risks and means of avoiding them. The plan is signed by the contractor's director and Civaux's plant manager. It is renewed every year. In 2007, 226 companies signed a risk prevention plan for activities done during normal activity and 96 companies signed one for activities done during last outage.

In 2007, the subcontractors' industrial injury rate includes 3 industrial injuries with sick leave for 800,000 working hours. All contractors are informed about Civaux's safety policy and culture before entering the site.

5. continuous environmental monitoring

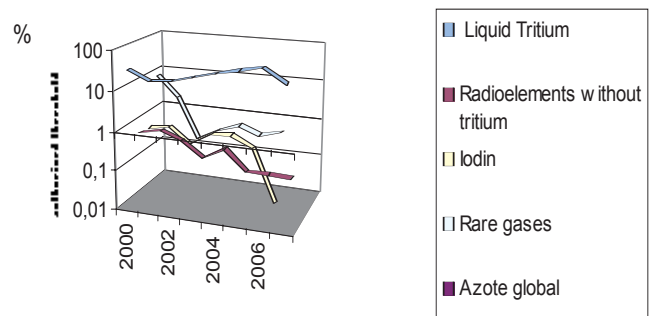
In May 2004, Civaux NPP was certified ISO 14001 for three years. Civaux environmental certification was renewed in December 2007 and recognized the NPP for its environmental impact improvements.

► CO2 emissions by source (grams of CO2/kWh)



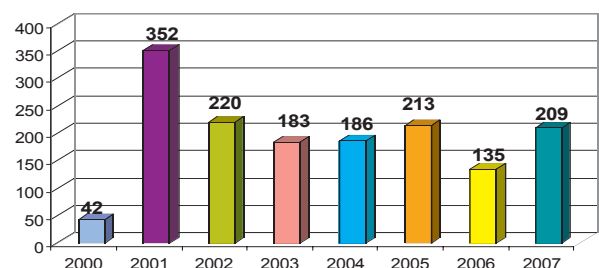
Thanks to nuclear electricity production, EDF does not produce or release 150 million tons of CO2 per year.

► Liquid and gaseous waste



Tritium generated by Civaux NPP depends on the quantity of electricity generated : it's more important than other releases but remains lower than authorized thresholds. All the radioelements are released respecting the operating constraints and the release licence given by the Prefector.

► Solid Radioactive waste (in m³)



The quantity of radioactive solid waste depends on the nature of the outage and the maintenance. In 2001, a heavy maintenance load in the RCA generated an increase of radioactive waste for that year.



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