

## Planning for the French EPR (European Pressurized Reactor)

### Objective

- Education planning and implementing the project "European Pressurized Reactor (EPR) Flamanville  
Change management planning project
- Establishment of processes for monitoring progress of major activities of the project

The challenge: Maintain and facilitate the planning studies & Construction 54 months

### Approach

- Establish and facilitate the planning project (8000 jobs) over the study area, production and testing  
Establish and manage dashboards project, analyze the progress  
Identify gaps and optimize the project schedule



### Results

- Establishment of planning studies and operational control command  
Writing Instruction project monitoring activities of the project  
Design creation and animation of monitoring indicators on education systems, command and control IEG

### Client benefits

- Capitalization and transmission of knowledge (in sheet form REX contract notes & Planning)  
Optimizing management dashboards (automation of concatenation of the project progress)

## Cost Engineering Respecting Performance

### Objectives

Complex industrial plants and systems are negotiated during long periods and the negotiated prices with the client are often far below from the initial forecasts .

How to adapt the design and production teams to the new economical conditions ?

Costs mitigation to stay in line with initial forecasts at any stage of a project

Contractual obligations fulfilment in terms of systems quality and performances at objective costs

### Our way

- CERP@ approach implement for each - major sub systems using:
- Sourcing upgrades
- Design to cost
- Value management
- Measurement of balanced cost / efficiency at each stage of the project

### Results

- An average of 20% on global project costs.



**CERP@**  
**“Cost Engineering Respecting Performance”**

### Clients benefits

Based on a new Altran methodology, the computing program to characterize nuclear waste has been qualified by the Belgian nuclear safeguard.

## Steering response for nuclear decommissioning

### Objective

Drive the response to tender for the decommissioning of nuclear fuel circuit of the power plant of Chooz A

### Our Approach

Difficulty: flying a GMES

Achievements:

- Defining the project boundary
- Visitors to the site
- Planning work
- Consolidation of encryption
- Responsibility for drafting the technical and commercial offers

### Results

- Delivery of final offers to the Customer



### Client Benefits

The contract was awarded to the Customer

## Planning of conventional work on the EPR France

### Objectives

The stake : within a project team of about fifteen planners, to mark out work on the engine rooms and the station of pumping. The starting of the 1st concrete is at the end of 2007.

The whole of planning represents 7.000 tasks defined by more than 400 people, without counting the suppliers.

### Our way

Planning of the spots relating to the fields of work followed through the stages of the building site : studies > work (civil engineering, materials ) > assemblies > tests > operation as well as lawful stages

Specification (X) to (X) the supplier (X) of the constraints brought to their (S) planning; control in return of offer of the coherence of the stakes.

**Difficulty** : the quantity of actors, therefore of interfaces induces a constant effort of coordination. The critical paths, appear from day to day, it acts to treat them immediately.



### Results

Program in progress and nominal

## Communication, consultation as part of the deconstruction of Super Phenix

### Objective

Extension of technical records, prepare the public inquiry and support, establish a monitoring unit (print, web, associations, residents ...)

### Our Approach

- Identification of opinion leaders, development of interview guides administered face to face (mayors, associations, ...), attendance at public meetings; synthesis of difficult issues and answer session with the communication department of the Central
- Extension of project technical files (800p) development of communication materials: pamphlets (4p) played in local public places; newsletters ...
- Constitution of REX

### Results

- Commissioners issued a positive opinion on the 3 cases following the public inquiry.