"EDF, in its quest for excellence, wants to go beyond the Year 2000 maintaining the same high level of safety: as much as regards nuclear safety as ensuring the continuity of customer supplies".
The EDF response to the Y2K issue, as regards its double mission, i.e. Nuclear Safety and Safety of the Electrical Power System:

_a Defence-in-Depth Strategy_
THE ELECTRICITE DE FRANCE RESPONSE
TO THE YEAR 2000 CHALLENGE

Phase 1

Systematic analysis and complete corrective treatment for all I&C and computerized plant systems

⇒ analysis completed
⇒ correction preparation and testing mid-1999
⇒ correction implementation Sept. 1999
THE ELECTRICITE DE FRANCE RESPONSE TO THE YEAR 2000 CHALLENGE

**Phase 2**

Functional risk analysis of plant system assemblies related to:

- nuclear safety,
- plant availability,
- house load operation capability,

redundant with the phase 1 analysis, using a different approach

(Feb. 1999)
THE ELECTRICITE DE FRANCE RESPONSE TO THE YEAR 2000 CHALLENGE

Phase 2 (cont'd)

Specific risk analysis of General Grid Breakdown occurrence and consequences

(analysis conducted jointly by the EDF NPP Operations division and Transmission division)

(May 1999)
THE ELECTRICITE DE FRANCE RESPONSE TO THE YEAR 2000 CHALLENGE

Phase 3

Risk Management Process

1. - an organizational or procedural response to identified risks,

2. - prudent operations, according to the "principle of precaution",

3. - Crisis Management Teams at strategic locations for the night of 31 December (NPPs, corporate level, ...)

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A conclusion?

it is too early...

the Year 2000 challenge is (just) one more challenge in the Nuclear Industry's quest for excellence!