



# EDF

Power plant dismantling

Chooz (08)

## NEEDS

- Calculate the radioactive index of the one-piece steam generators (SG) for sending to the VLL waste storage.
- Distinguish the activity generated by the casing of the SG from that generated by its internal components.
- Carry out the characterisation of an SG within a maximum of 5 days.

## OUR ANSWER

- **Engineering** : development of a calculation method incorporating the results of 120 measurements spread out over the surface of the SG.
- **Survey tool** : modelling of the SG and its main internal components with the MERCURAD radiological calculation software..
- **Innovation** : creation of a mechanism enabling 8 simultaneous measurements.

## CUSTOMER BENEFITS

- Characterisation of the four SGs in under 5 days each.
- Confirmation of the VLL storage for all the SGs.
- Validation of the methodology and the measurements by ANDRA.

120 spectrometric measurements

24h of intervention

characteristics of an SG : 15m & 115t