



COMINAK Niger (uranium mine) Remote control of airing of the mine

COMINAK (Compagnie Minière d'Akouta) of the group COGEMA exploits uranium mines located in the area of Arlit in the north west of Agadez, Republic of Niger. To ensure a permanent airing of the different galleries in the mines, a chain of extractors has been installed. The whole control has been changed to a new system of supervisory automation



AUTOMATION CONFIGURATION 10 posts including 5 fans each

Each post is equipped with:
1 PLC S50 of SOFREL LACROIX fitted with:

- 1 module of the 16 digital inputs
- 1 module of the 6 digital outputs
- 1 module of the 6 analogical inputs
- 1 Motorola radio of 140 to 160 MHz transmitter / receiver
- 1 directional aerial ensuring the data transmission to a supervising post

SUPERVISORY AND CONTROL POST:

PC concentrator of the different sites, provided with:

- 1 PC win pack software for a capacity of 25 sites
- 1 Motorola radio 140 to 160 MHz transmitter / receiver
- 1 external modem DL / HF
- 1 omni directional aerial PROCOM 150 to 175 MHz

INFORMATION CONTROLLED

Run / stop orders of the fans
State of the fans: on - off - defects
Defects air flows

