SYSTEM FOR REMOTE TRANSFER OF WATER FLOW AND ALERTS ON THE BARRAGE „CHROSCICE”

SKANSKA – PROJECT ANALYSIS

SYSTEM FOR REMOTE TRANSFER OF WATER FLOW AND ALERTS ON THE BARRAGE „CHROSCICE”

Modernization of „Chroscice” on the Odra river – adaptation for the 3-rd class of water way.

Measuring system provides information of water levels to the automation and control system and afterwards are remotely transferred to the server.
All data is collected in the digital datalogger memory, next data is shared to the users through selected transmission media (GSM/ETHERNET).
The main task of this system is to protect objects from burglary and operation monitoring.

Customer:
Skanska S.A.

Location:
Chroscice

Design:
SYSTEM FOR REMOTE TRANSFER OF WATER FLOWS AND ALERTS ON THE BARRAGE „CHROSCICE”

Equipment:
1 digital datalogger DT80M

6 water level sensors

1 air temperature sensor

6 protected zones (system SSWiN)

11 IP cameras (system CCTV)

6 horn loudspeakers (DSO system)

WORKS

- Developing project documentation
- Installation of measuring and control devices
- Building a central remote transfer station for water levels
- Installation of technical security system for dam and water lock

SUMMARY

- Automatic system for measuring water level and flow with data transfer
- Burglary and robbery signalling system
- Sound warning system
- Video monitoring

„...the work was done properly, according to the art of building and completed on time...”

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