

Technological cycle of the monitoring system for the use of emergency control devices.

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The system for monitoring the functioning of emergency automation devices checks the functioning of the emergency automatics and generates an express protocol in case of its incorrect operation, which helps to quickly find out the causes of accidents in the power system and increases the reliability of the emergency automatics operation.

The main technological cycle of the program collects data from devices, calculates digital models for each device and compares the operation of a real device and a digital model.

The article describes the algorithm of the technological cycle, which is implemented as a separate Windows service.

Key words: electric power systems, relay protection, emergency automatics.