

particular values of the technological parameters coinciding with the signal emitted from a radioactive fluids detector.

It is necessary to drain the plant in case of failure with release of toxic substances for safety reasons (to avoid contamination and pollution) and economic purposes (recovery of the process fluid). The discharge takes place after the gas has been passed through the recovery and treatment plant.

The system security function is to reduce toxic leakage within the premises in case of failure and to preserve the process fluid stock.

e. Ventilation system – ensure the ventilation of the facilities processing toxic fluids as well as the control room with the view to diluting their concentration in the air; it also starts up the gases recovery system in case of failure.

References:

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Contribution of individual authors to the creation of a scientific article (ghostwriting policy)

Carmen Maria Moraru, Iuliana Stefan carried out the simulation and the data acquisition system.

Ciprian Bucur, Ovidiu Balteanu has implemented the electrical part of the monitoring system and the mounting systems presented in the paper.