

EARLY WARNING SYSTEM IN THE CZECH REPUBLIC

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SUMMARY

Since the 1950's early warning networks (EWN) for monitoring of the radiation situation on the state territory have been established in the most European countries. In the Czech republic the radiation monitoring network exists, but new requirements, especially after accident at the Chernobyl nuclear power plants, called for restructure of EWN so that be able of permanent and telemetrized measurements. Based on these requirements, the program of the EWN establishment in the Czech republic is prepared. The realization is planned in two phases – in the first one 40 telemetrized measuring places in professional observatories of the Czech Hydrometeorological Institute and in the network of measuring points of air contamination will be established. In the second phase EWN will be supplemented with selected (about 30) measuring stations of Automatic Immission Monitoring and measuring points of the Czech Army.

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