



KURSK NPP
ROSATOM

**Joint-stock company
«Russian concern for the production
of electrical and thermal energy
at nuclear power plants»
(Rosenergoatom Concern, JSC)
The branch of Rosenergoatom Concern, JSC -
Kursk Nuclear Power Plant
(Kursk NPP)**

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Review to MIKO-2.3 devices

Dear Olga Nikolaevna!

At the present time in high-voltage test, measurements and diagnostic laboratory of the Kursk NPP electrical department there are two MIKO-2.3 devices in operation.

A complete package of documents, that was included in the complete set of devices, made it possible to register them with our metrology center without any problems.

During almost daily operation since January 2019, MIKO-2.3 didn't have serious shortcomings and low-quality that could make the use of devices impossible have not been identified.

The main advantages of the MIKO-2.3 devices are the ease of use and the absence of errors in assembling the measuring circuit to compare with the traditional method of measuring ohmic resistance by the voltmeter-ammeter method. Digital indication of the measurement result eliminates the subjective factor when the operator senses the readings from the pointer indicator and the errors when calculating the result. Low weight, compactability, absence of moving and fragile details in the device simplifies the requirements for transportation on the territory of the outdoor switchgear and manual movement along the main building of the NPP.

During the working process with the devices on different types of NPP power equipment (from 0.4 kV and 6 kV switchgear equipment, 400 kVA power transformers, electric motors of all capacities to 630,000 kVA transformers, and 330 kV and 750 kV outdoor switchgear power equipment), the staff of our laboratory had several suggestions for improvement characteristics of MIKO-2.3.

Kursk NPP would like to thank SKB EP for the manufacture of high-quality devices and for the interest in the experience of its operating. We also look forward to the new developments that will be interesting to the specialists of electrical laboratories of various enterprises.

Head of the laboratory for high-voltage tests,
measurements and diagnostics:

U. U. Bogomazov