Attn: A. V. Emelianov
Deputy Director General – Technical Director
*JSC Rusatom Service*

**Subject: Steam Generator Heat-Exchange Tube Draining Device**

Dear Aleksey Vladimirovich,

A steam generator heat-exchange tube draining device (“**SG HET DD**”) was supplied to the *Novovoronezhskaya* NPP in 2016.

The SG HET DD was used to prepare SGs for non-destructive testing during the 2017 PPM of Unit No. 5 and PPM of Unit No. 1 of the
*Novovoronezhskaya* NPP-2.

The use of the SG HET DD allowed to:

* Reduce the time it takes to drain SG HETs when compared to the previously used mine fan. The manipulator needs 8 (eight) hours per one SG
* Significantly increase the quality of SG HET blowdown thanks to the SG GET DD design that allows you to blow compressed air into each individual HET one after the other instead of blowing it into all of them at once. There was about 1 (one) m3 of accumulated boric solution in the opposite header after the blowdown.
* Reduce the volume of compressed air used for SG HET draining and blowdown thanks to the SG HET DD design. Reducing the volume of spend air that passes through HET and goes to SG compartments allowed to reduce the personnel collective exposure
* Stop using polar cranes we used to need to install the mine fan.

Deputy Chief Engineer responsible for repairs [SIGNATURE] A. V. Zalozny