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## **Calculation of "static" and "dynamic" deformations (bending) of fuel rods of the NEPTUN reactor.**

*Tuesday, 7 June 2022 12:25 (10 minutes)*

The report will show the features of the behavior of fuel claddings caused by uneven energy release in the reactor core. Thermal calculations were carried out, on the basis of which, using the ANSIS software, the forms of deformations, their dependence on the method of fixing the fuel rod were calculated.

### **Summary**

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**Session Classification:** Sectional talks