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**SCIENTIFIC AND TECHNICAL ASPECTS OF CREATING
SPENT NUCLEAR FUEL SHIPPING AND STORAGE EQUIPMENT**

Details of advanced capacity shipping packaging set development which allows shipping and storage of heat-producing spent fuel assemblies for pressurized water reactor VVER-1000 type are considered. Analogs and achieved advantages of TUK-146 construction are mentioned.

Keywords: shipping packaging set, spent nuclear fuel, transportation and storage, TUK-146, VVER-1000.