

Nuclear Fuel Cycle & Waste Technology

Nuclear Fuel Cycle and Materials Section

Nuclear Power Reactor Fuel Engineering

Technical Meeting on Design, Manufacturing and Irradiation Behaviour of Fast Reactors Fuels May 30th - June 3rd 2011 IPPE, Obninsk, Russia

Presentations:

- session 1
 - 1_1_Maeda_-
_Status_of_the_development_of_FBR_fuels_in_FaCT_Obninsk.Russia_May_30,2011_Final
 - 1_2_Huang_(et_al)_-
_Fuel_Development_Status_for_Fast_Reactor_in_China_and_Irradiation_Test_Plan_on_CEFR
 - 1_3_Chellapandi_(et_al)_-
_Approach_to_the_Design_and_Development_of_High_Burnup_Fuels_for_Sodium_Cooled_Fas
 - 1_5_Delville_(et_al)_-
_R&D_Program_for_the_Fuel_Qualification_of_Research_Fast_Reactor_MYRRHA
 - 1_6_Bulkin_(et_al)_-
_Research_and_Development_for_Demonstration_of_Fuel_Performance_in_the_Brest-od-300_Core
 - 1_7_Agostini_(et_al)_-
_Research_Activities_Addressing_the_Fuel_Design_of_Lead_Fast_Reactor
- session 2
 - 2_1_Reddy_(et_al)_-
_Challenges_in_the_Manufacture_of_Subassemblies_for_the_Indian_Fast_Reactors
 - 2_2_Kurina_(et_al)_-
_Development_and_Research_of_the_Modified_Oxide_Fuel_with_Improved_Performance
 - 2_3_Kisly_(et_al)_-
_Vibro_MOX-Fuel_for_Fast_Reactors
 - 2_4_Panakkal_(et_al)_-
_Fabrication_of_(U-Pu)_MOX_Fuel_Pins_for_Fast_Reactors_in_India
 - 2_5_Grachyov_(et_al)_-
_Research_of_Time_History_of_Thermal-physical_Behavior_of_Fuel_Rods_During_In-pile_Tests
 - 2_6_Di_Marcello_(et_al)_-
_Improvements_of_the_TRANSURANUS_Code_for_FBR_Fuel_Performance_Analysis
 - 2_7_Popov_(et_al)_-
_Approaches_to_Evaluation_of_Performance_of_Fast_Reactor_and_Fuel_Elements
- session 3
 - 3_1_Rogozkin_(et_al)_-
_Results_of_Mixed_Nitrides_(45%PuN+55%UNand60%PuN+40%UN)_Irradiation_in_BOR-60_Reactor_up_to_12at%
 - 3_2_Wallenius_-
_The_CONFIRM_Experience_of_Fabrication,_Irradiation_and_PIE_of_(Pu,Zr)_N_Fuel
 - 3_3_Savchenko_(et_al)_-
_New_Concept_of_Designing_Combined_Fuel_for_Fast_Reactors_with_Closing_Fuel_Cycle
 - 3_4_Odeychuk_-
_The_Advanced_Nitride_Fuel_for_Fast_Reactors

- 3_5_Cheon_(et_al)_- U-Zr_SFR_Fuel_Irradiation_Test_in_HANARO
- 3_6_Golovchenko_(et_al)_- Experience_of_Developments_and_Tests,_Application_of_High-dense_Metallic_Fuel_in_Fast_Reactors
- session 4
 - 4_1_Voyevodin_(et_al)_- Radiation_Stability_of_Structural_Steels_for_Fast_Feactors
 - 4_3_Tselishchev_(et_al)_- Development_of_Structural_Steels_for_Fuel_Pins_and_Fuel_Assemblies_of__Sodium_Cooled
 - 4_4_Nikitina_(et_al)_- R&D_of_Ferritic-martensitic_Steel_EP450_ODS_for_Fuel_Pin_Claddings_of_Prospective_Fast__Reactors
 - 4_5_Farakshin_(et_al)_- BN-600_Reactor_Capability_for_the_Development_of_Fuel_Pin_and_FSA_Materials_for_LMFRs
 - 4_6_Kisly_(et_al)_- Dismountable_FA_for_Irradiation_of_Fuels_and_Structural_Materials_in_Fast_Reactor_BOR-60

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