

CONTENTS

- The uncertain future for nuclear graphite disposal: Crisis or opportunity?
A.J. Wickham, G.B. Neighbour, M. Dubourg
- Technical assessment of the significance of Wigner energy for disposal of graphite wastes from the Windscale piles
R.M. Guppy, J. McCarthy, S.J. Wisbey
- The description of Wigner energy and its release from Windscale pile graphite for application to waste packaging and disposal
P.C. Minshall, A.J. Wickham
- Heat treatment of graphite and resulting tritium emissions
J. Wörner, W. Botzem, S.D. Preston
- Pyrolysis and its potential use in nuclear graphite disposal
J.B. Mason, D. Bradbury
- Technical development of graphite waste treatment in NUPEC
S. Saishu, T. Inoue
- Inert annealing of irradiated graphite by inductive heating
W. Botzem, J. Wörner
- Study on efficient methods for removal and treatment of graphite blocks in a gas cooled reactor
S. Fujii, M. Shirakawa, T. Murakami
- A German research project about applicable graphite cutting techniques
D. Holland, U. Quade, F.W. Bach, P. Wilk
- Thermal strain measurements in graphite using electronic speckle pattern interferometry
S. Tamulevicius, L. Augulis, R. Augulis, V. Zabarskas, R. Levinskas, P. Poškas
- Investigation of graphite column bricks of Leningrad NPP unit 3 RBMK-1000 reactor after 18 years of operation
P.A. Platonov, O.K. Chugunov, Ya.I. Shtrombakh, V.M. Alekseev, N.S. Lobanov, V.N. Manevski, V.I. Karpukhin, I.F. Novobratskaya, I.A. Frolov, V.M. Semochkin, V.A. Denisov, A.V. Borodin, A.A. Kalinnikov, D.E. Furkasov, Yu.V. Garusov, M.A. Pavlov, A.N. Ananiev, A.V. Makushkin, V.N. Rogozin, V.P. Aleksandrov, V.D. Baldin
- Derivation of a radionuclide inventory for irradiated graphite-chlorine-36 inventory determination
F.J. Brown, J.D. Palmer, P. Wood
- Radiochemical characterisation of graphite from Jülich experimental reactor (AVR)
B. Bisplinghoff, M. Lochny, J. Fachinger, H. Brücher
- Radionuclide characterization of graphite stacks from plutonium production reactors of the Siberian group of chemical enterprises
A.V. Bushuev, Yu.M. Verzilov, V.N. Zubarev, A.E. Kachanovsky, I.M. Proshin, E.V. Petrova, T.B. Aleeva, A.A. Samarkin, B.G. Silin, A.M. Dmitriev, E.V. Zakharova, S.I. Ushakov, I.I. Baranov, Yu.I. Kabanov, E.N. Kolobova A.G. Nikolaev
- Investigation of morphology and impurity of nuclear-grade graphite, and leaching mechanism of carbon-14
R. Takahashi, M. Toyahara, S. Maruki, H. Ueda, T. Yamamoto
- Management of UKAEA graphite liabilities
M. Wise
- Radioactive graphite management at UK Magnox nuclear power stations
G. Holt