

TABLE OF CONTENTS

Volume 4, Number 11A, November 2012

Can sealing of rock hosting a repository for highly radioactive waste be relied on?

- R. Pusch, S. Knutsson, G. Ramqvist, M. H. Mohammed, A. Pourbakhtiar.....895

Optimal ways of disposal of highly radioactive waste

- R. Pusch, S. Knutsson, L. Al-Taie, M. H. Mohammed.....906

Analytical solution of modified point kinetics equations for linear reactivity variation in subcritical nuclear reactors adopting an incomplete gamma function approximation

- A. L. P. Rebello Jr., A. S. Martinez, A. C. Gonçalves.....919

Korean potential approach to the multi-lateralization of the nuclear fuel cycle

- J. H. Moon.....924

Review of safety improvement on sodium-cooled fast reactors after Fukushima accident

- T. Takeda, Y. Shimazu, B. Foad, K. Yamaguchi.....929

Origin of enriched uranium contained in Japanese atmospheric deposits

- Y. Kikawada, K. Oda, M. Nomura, T. Honda, T. Oi, K. Hirose, Y. Igarashi.....936

ThO₂ and (U,Th)O₂ processing—A review

- P. Balakrishna.....943

Research and applications of nuclear tracks: Developments in Pakistan and global comparison

- M. A. Rana.....950

The figure on the front cover is from the article published in Natural Science, 2012, Vol. 4, No. 11A, pp. 906-918 by Roland Pusch, Sven Knutsson, Laith Al-Taie and Mohammed Hatem Mohammed.