

Selected publications and papers 2006

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THE HALDEN REACTOR PROJECT: REACTOR FUEL AND MATERIALS TECHNOLOGY

Aounallah, Y., Khvostov, G., Romano, A., Wallin, H., Zimmermann, M.A., Kolstad, E., Ek, M., Kekkonen, L. Simulations of the Halden IFA-650.3/4 high burnup LOCA tests with TRACE and FALCON : a preliminary study on axial relocation. Top Fuel, Salamanca (Spain), 2006-10-22--10-26. IFE/HR/E-2006/024

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Bennett, P. In-core ECP measurements under PWR conditions using a palladium reference electrode. Fontevraud 6, International Symposium on Contribution of Materials Investigations to Improve Safety and Performance of LWRS, Fontevraud Royal Abbey (France), 2006-09-18--09-22

Ek, M., Kekkonen, L. LOCA testing at Halden. Summary of in-pile data and the PIE results from IFA-650.3. Plenary Meeting of the Special Expert Group on Fuel Safety Margins , 7, Paris, 2006-06. IFE/HR/E-2007/002

Elisenberg, T., Wethe, P.I. Ny giv for kjernekräften. Elektro. - 2006, nr 8, 42-43. IFE/HR/E-2006/027
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Streit, M., Wiesenack, W., Tverberg, T., Hellwig, Ch., Oberländer, B.C. Yttrium stabilised Zirconia inert matrix fuel irradiation at an international research reactor. IMF-10 Workshop at the European materials conference, Strasbourg, 2005-05-31--06-03. Journal of nuclear materials. - Vol. 352, no. 1-3 (30 June 2006)

Vitanza, C. RIA failure threshold and LOCA limit at high burn-up. Journal of nuclear science and technology. - Vol. 43, no. 9 (2006), 1074-1079

Volkov, B., Kolstad, E. VVER fuels and materials testing in the Halden reactor. Workshop on VVER fuel LOCA test in the Halden reactor, Helsinki, 2006-03-20--03-22

Wiesenack, W., Kolstad, E. Fuel behaviour under accident conditions : (invited lecture). IAEA Regional Workshop on Fuel Safety and Reliability, Kiev, 2006-11-15--11-17. IFE/HR/E-2006/026

Wiesenack, W., Tverberg, T., McGrath, M., Kolstad, E., Beguin, S.
Rod overpressure/lift-off testing at Halden : In-pile data and analysis. Journal of nuclear science and technology. - Vol. 42, no. 9 (2006), 1037-1044. IFE/HR/E-2006/028

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Andresen, G., Broberg, H., Kvalem, J.
Development and evaluation of a function-oriented display system. NPIC&HMIT 2006 Conference, Albuquerque, USA, 2006-11-12--11-16. IFE/HR/E-2006/016

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Fantoni, P.F., Toman, G.J.
Wire system aging assessment and condition monitoring using Line Resonance Analysis (LIRA). NPIC&HMIT 2006 Conference, Albuquerque, USA, 2006-11-12--11-16. IFE/HR/E-2006/022

Gran, B.A.
The use of Bayesian Belief Networks for combining disparate sources of information in the safety assessment of software based systems. Websys Workshop, Trondheim, 2006-09-01. IFE/HR/E-2006/021

Hoffmann, M.
Signal grouping algorithm for an improved on-line calibration monitoring system. FLINS'06, Genova, 2006-08-29-08-31. IFE/HR/E-2006/018

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Using virtual reality technology to include field operators in simulation and training. CNS Annual Conference, Toronto, 2006-06-11--06-14. IFE/HR/E-2006/008

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Virtual reality in planning and operation from research topic to practical issue. NPIC&HMIT 2006 Conference, Albuquerque, USA, 2006-11-12--11-16. IFE/HR/E-2006/014

Roverso, D.
Intelligent transient normalization for improved empirical diagnosis. FLINS'06, Genova, 2006-08-29--08-31. IFE/HR/E-2006/019

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Large-scale implementation of on-line calibration monitoring - issues and possible solutions. NPIC&HMIT 2006 Conference, Albuquerque, USA, 2006-11-12--11-16. IFE/HR/E-2006/020

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Thunem, A. P-J
Dependable requirements engineering and change management of security-critical ICT-driven systems. PSAM 8 International Conference, New Orleans, LA, 2006-05-14--05-19. IFE/HR/E-2006/006

Thunem, H. P-J
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RESERVOIR TECHNOLOGY, PETROLEUM TECHNOLOGY, TRACER TECHNOLOGY

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Applicability and sensitivity of gamma transmission and radiotracer techniques for mineral scaling studies. Kjeller 2006-05-02. IFE/KR/E-2006/001

Bjørnstad, T., Eriksen, D., Michelsen, O.B.
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Mechanisms of mineral scaling in oil and geothermal wells studied by nuclear techniques. Radiochemical Conference , 15, Marianske Lazne (Czech Republic), 2006-04-23--04-28

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PROCESS AND FLUID FLOW TECHNOLOGY

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MATERIALS AND CORROSION TECHNOLOGY

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ENERGY EFFICIENCY AND CONSERVATION. RENEWABLE ENERGY

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