

Scientific Publications of the Department of Nuclear Safety in the Year 2010

H.P. Berg	Aircraft crash onto a nuclear power plant – screening procedure and approach for a probabilistic analysis Journal of Polish Safety and Reliability Association, Vol. 1, June 2010, pp. 27-33
H.P. Berg	Quantitative safety goals and criteria as a basis for decision making Reliability and Risk Analysis: Theory and Applications, Vol.1, No. 2, June 2010, pp. 62-78
H.P. Berg	Risk management: procedures, methods and experiences Reliability and Risk Analysis: Theory and Applications, Vol.1, No. 2, June 2010, pp. 79-95
H.P. Berg	Risk based safety management to enhance technical safety and safety culture Transactions ENC 2010 , European Nuclear Society 2010
H.P. Berg, B. Forell, N. Fritze, M. Röwekamp	Exemplary applications of the OECD FIRE Database Deutsches Atomforum (Hrsg.), Tagungsbericht Jahrestagung Kerntechnik, INFORUM-Verlag, Bonn, May 2010 (CD)
H.P. Berg, N. Fritze	Power plant transformer explosion and fire Journal of Polish Safety and Reliability Association, Vol. 1, June 2010, pp. 35-42
H.P. Berg, N. Fritze, B. Forell, M. Röwekamp	Risk oriented insights in transformer fires at nuclear installations Reliability, Risk and Safety – Back to the future, CRC Press 2010, pp. 354-361
H.P. Berg, R. Gersinska, J. Sievers	Procedure for probabilistic safety assessment of leaks and breaks of piping systems International Journal of Pressure Vessels and Piping, Vol. 87, March 2010, pp. 94-99
H.P. Berg, J. Hauschild	Probabilistic Assessment of External Pressure Waves Proceedings of the 8 th International Probabilistic Workshop, November 2010, Akademia Morska, Szczecin 2010, pp. 27-39
H.P. Berg, M. Krauß	Risk assessment of extreme weather conditions for nuclear power plants at tidal rivers Journal of KONBiN – Safety and Reliability Systems, No. 1, 2010, pp. 41-52
H.P. Berg, M. Röwekamp	Current status of fire risk assessment for nuclear power plants Nuclear Power (Ed. P. Tsevtkov), Sciyo, August 2010, pp. 140-162
I. Bredberg, J. Hutter, W. Koch, K. Kühn, F. Philippczyk, R. Schulz	State and Development of Nuclear Energy Utilization in the Federal Republic of Germany 2009 BfS-SK 15/10, Salzgitter, Sep. 2010, urn:nbn:de:0221-201009073052
B. Ernst, H.P. Berg	Implementations of safety management systems in nuclear power plants Risks Challenging Publics, Scientists and Governments, CRC Press 2010, pp. 247-253
H. Liemersdorf, H.P. Berg, D. Hosser	Design load case: From deterministic to probabilistic assessment EUROSAFE Tribune – External hazards new insights into old issues, No. 18, October 2010, pp. 8-10
M. Röwekamp, M. Türschmann, M. Schwarz, H.P. Berg	Database for a comprehensive fire PSA Proceedings of PSAM 10 – 10 th International Probabilistic Safety Assessment & Management Conference, June 2010 (CD)
G. Thuma, M. Türschmann, M. Krauß	Development of advanced methods for seismic probabilistic safety assessments Proceedings of the International Conference on Safety, Reliability and Risk of Structures, Infrastructures and Engineering Systems, Furuta, Frangopol & Shinozuka (Eds), pp. 1641-1645, 2010 Taylor & Francis Group, London.