A methodology of mapping design risks for international engineering activities in the nuclear market

© T.G. Sadovskaya, E.A. Banica

Bauman Moscow State Technical University, Moscow, 105005, Russia

Important issues of up-to-date risk management are covered taking into account the intensification of the international engineering activity in the nuclear energy market. A methodology of mapping design risks is proposed based on their classification and ranking, and on the evaluation of probability of occurrence and possible damage.

Keywords: nuclear power engineering, engineering, design risks, risk assessment, risk classification, risk mapping.

Sadovskaya T.G., Professor of the department of Entrepreneurship and Foreign Economic Activities of Bauman Moscow State Technical University, Advanced D.Sc. (Engineering), Honorary Worker of Higher Professional Education of Russia. Author of about 120 publications including 12 monographs in the field of theory and methodology of organizational economic corporate design, organizational economic business analysis, foreign economic activities organization, business process management of high technology enterprises. e-mail: tiss99@mail.ru

Banica E.A., sixth-year student of the department of Entrepreneurship and Foreign Economic Activities of Bauman Moscow State Technical University. e-mail: banica@mail.ru