



Ewgenij Piljugin

PSAM12 Speaker Bio

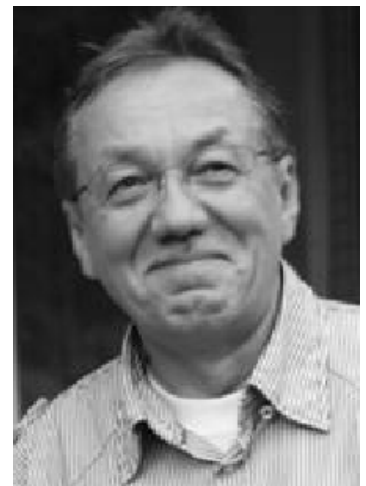
Methodology for Safety Assessment of the Defense-in Depth and Diversity Concept of the Digital I&C by Modernization of an NPP in Finland

Short Statement: First author.

BIOGRAPHY

Ewgenij Piljugin is Chief Expert of I&C Systems at Plant Operation Division of the German company GRS (Technical Support Organization of the German Regulatory Authority). He has responsibility for methods and tool developments for reliability assessment and also for development of German safety standards.

Ewgenij Piljugin has since more as 35 years extensive experiences in the nuclear energy field, as nuclear physicist, R&D engineer of the I&C systems, project leader and risk analyst. He has participated in many international projects, PRA reviews and technical courses (e.g. IAEA). He is a member of the international DIGREL Task Group (OECD WG RISK) and he provides relevant contributions to development of the guidelines "Failure modes taxonomy for reliability assessment of digital I&C systems for PRA"



Ewgenij Piljugin has published a number of technical reports and papers regarding reliability assessment of digital I&C, application of Failure Mode and Effect Analysis methodology on cable failures by fire and he has made also many presentations at national and international conferences.

Ewgenij Piljugin received his diploma in Nuclear Physics from the State University in Voronezh, Russia 1976.