



Shahen Poghosyan

PSAM12 Speaker Bio

Risk-informed prioritization of modernization activities using ageing PSA model

Short Statement: First author and speaker

BIOGRAPHY

I am working for Nuclear and Radiation Safety Center (Yerevan, Armenia) since 2002 as a Head of Risk Assessment Group. My experience lies in the field of nuclear risk assessment using probabilistic safety assessment (PSA) approaches.

Following areas reflect the spectrum of my expertise:

- 1) Development of PSA models for different initiators (internal events, fires, floods and external hazards)
- 2) Risk-informed applications for NPPs
- 3) Time-dependent reliability assessment (incorporation of ageing aspects in PSA models)
- 4) Development of regulatory documents



I am regularly involved in several international working groups in the field of PSA, particularly:

- Coordination of VVER Regulatory Forum's PSA working group
- Participation in Ageing PSA European Network
- Development of IAEA TECDOC related to integrated risk-informed decision making
- Participation in IAEA IPSART mission