

11. April, 2006

The Conference will be held at the Bay Zoltán Institute for Logistics and production Systems:



9,30-9,50 Welcome, opening

LászlóTÓTH,
Valery Trofimovich TROSHHENKO

Chairman: L. Tóth

9,50-10,20 **Kang Ki-Sig** (IAEA, Vienna)

IAEA activities on life management, maintenance

10,20-10,50 **Luigi Debarberis** (JRC, Petten)

SAFELIFE contribution to research related to WWER RPV

10,50-11,20 **Claude Rieg** (JRC, Petten)

TACIS projects related to Ukraine

11,35-12,00 **P. Trampus** (Hungary)

Reactor accidents – An overview

12,00-12,25 **A.J. Krasowsky** (Ukraine, Kiev)

Intergranular stress corrosion cracking of the piping D₃₀₀ welding joints of unit #3 before and after inactivation of Chernobyl NPP

12,25-12,50 **V.V. Kharchenko** (Ukraine, Kiev)

Numerical modelling of deformation and fracture processes of NPP equipment elements

12,50-13,10 Discussions

13,10-14,30 **Lunch Break**

Chairman: A. J. Krasowsky

14,30-14,50 **I.M. Dmytrakh, V.V. Panasyuk** (Ukraine, Lviv)

Problems of the remaining life assessment of the steam – water tract of energy equipment

14,50-15,10 **S. Rátkai** (NPP, Paks, Hungary)

Technical tasks of the licence renewal at Paks NPP

15,10-15,30 **Sz. Szabolcs, Gy. B. Lenkey** (Hungary)

Integrity assessment of dissimilar welds

15,30-15,50 **V.I. Makhnenko, A.S. Milenin** (Ukraine, Kiev)

Remaining life assessment of the steam generator welding joint #111-1 of NPP WWER-1000 with respect to detected cracks

15,50-16,00 Discussions

15,50-16,20 Coffee Break

Chairman: P. Trampus

16,20-16,40 **T. Fekete** (Hungary)

Background of PTS assessment

16,40-17,00 **M.V. Borodij** (Ukraine, Kiev)

Software for assessment of brittle fracture of the NPP reactor pressure vessel using the fracture / mechanics methodology

17,00-17,20 **E.A. Kondryakov, C.V. Lension, V.V. Kharchenko** (Ukraine, Kiev)

Simulation of deformation and fracture of notched specimens under static and dynamic loading

17,20-17,40 **A.M. Syrotiuk** (Ukraine, Lviv)

Expert system for the service damage assessment of materials in energetics

Where we are coming? What we are? Where we are going to?



18,00 Visit to Tokaj (Tarcál), the world famous centre of unique wine :

"The king of wines - the wine of kings".

Free wine tasting party, excellent humour required!

12. April, 2006

Chairman: I.M Dmytrakh

8,30-8,50 **S.A. Radchenko** (Ukraine, Kiev)

Stress state calculation of complex piping systems at static and dynamic loadings

8,50-9,10 **I.V. Orynyak** (Ukraine, Kiev)

Limit load calculation models of ductile failure of defective pipes and pressure vessels

9,10-9,30 **Gy.B. Lenkey, L. Tóth, Zs. Balogh** (Hungary)

Evaluation system for corrosion defects in pipelines

9,30-9,50 **O.I. Balitsky** (Ukraine, Lviv)

Strength of materials and life of NPP equipments

9,50-10,10 **Z. Pammer** (Hungary)

Predictions of component failure by experiment aided

10,10-10,20 Discussions

10,20-10,40 Coffee Break

Chairman: V.T. Troshhenko

10,40-11,00 **I.M. Nekhludov, V.N. Voevodin, L.S. Ozhegov** (Ukraine, Kiev)

Methods and results of the remaining life assessment of pressure vessels and steam generators of NPPs

11,00-11,20 **P. Trampus** (Hungary)

Virtual defence-in-depth concept in PRV integrity assessment

11,20-11,40 **F. Gillemot** (Hungary)

Behaviour of RPV cladding

11,40-12,00 **E. Grynik, V. Revka, L. Chyrko, Yu. Chaikovsky** (Ukraine, Kiev)

An analysis of state of WWER-1000 type RPV materials for Ukrainian NPPs

12,00-12,20 **Sz. Szávai, T. Pálfi, L. Tóth** (Hungary)

Fatigue calculations on benchmark tasks according to ASME code, experiences, results

12,20-12,50 Panel Discussions

12,50-13,00 Concluding Remarks

13,00-14,00 **Lunch Break**

14,00-15,00 Place, topic and the schedule of the

2nd Hungarian-Ukrainian Joint Conference on

SAFETY-RELIABILITY AND RISK OF ENGINEERING