



Fact Finding Workshop on the Active Tectonics of the Krško Region

Mießtaler Straße 1, 9020 Klagenfurt / Celovec

Conference Room

7th April 2016

Background and Workshop Objectives

Having keen interest in safety of the NPPs operating in neighbouring countries, the Austrian Federal Ministry for Agriculture, Forestry, Environment and Water Management and the Land Kärnten initiated the current workshop. The meeting should provide an opportunity to follow up the continued discussion on the assessment of seismic hazards and the protection against such hazards of the nuclear power plant of Krško.

Austrian institutions and scientists are particularly concerned about the recently discovered active faults in the site vicinity and near-region of Krško and their potential impact on the safety of the existing plant. A probabilistic fault displacement analysis recently completed by RIZZO Assoc. describes as many as 10 capable faults in the near-region. The results have been published at an IAEA conference in Vienna and on the web page of the Slovenian Nuclear Safety Administration¹. A question of specific interest is whether the hazard contribution of these faults is reflected by previous hazard assessments and enveloped by the currently valid design basis parameters or not.

The envisaged meeting should provide a possibility to exchange expert's views on seismological and geological data and models in order to support the understanding of the seismic hazard of the Krško site. Representatives of the federal and provincial governmental administration will be present as observers of the technical meeting.

¹ <http://www.ursjv.gov.si/si/info/novica/article/4597/5735/b59f6ae1b52b804f4376d3e3298a1bfe/>



Workshop Program

09:00 Welcome of participants

09:30 Andreas Molin, Rolf Holub (BMLFUW and Land Kärnten): Opening of the Workshop

Kurt Decker (University Vienna): Introductory remarks - An Austrian perspective on seismic hazard, design basis values and seismic margins of the Krško NPP

Marko Vrabec (University of Ljubljana): Active tectonics at the Alps-Dinarides junction - Current data and ideas

Coffee break

Petra Jamšek Rupnik (Geological Survey of Slovenia): The Slovenian Active Fault Database

Stéphane Baize (IRSN): The potential for surface rupturing - the IRSN perspective

Miloš Bavec (Geological Survey of Slovenia): Seismotectonic characteristics of the Krško Basin in light of past and ongoing geologic investigations

M. Logan Cline, K. Michel Cline (RZZO Assoc.): Probabilistic fault displacement analysis for the Krško site

Lunch

Wolfgang Lenhardt (ZAMG Vienna): Cross-border monitoring of seismic activity

Marijan Herak, Davorka Herak, Bruno Tomljenović (University of Zagreb): Seismicity and Neotectonics in the Greater Zagreb Area

Mladen Zivcic (Slovenian Environment Agency): Seismicity of the Krško region

Coffee break

Livio Sirovic, Giovanni Costa, Franco Pettenati, Peter Suhadolc (OGS Trieste): Questions and doubts on the seismic hazard of the Krško NPP site

Esther Hintersberger (University Vienna): Estimating paleo-earthquake parameters from multiple trench observations

Vanja Kastelic (INGV Roma): Contribution of active fault and geodynamic data to seismic hazard assessment

Plenary discussion

17:30 Expected end of the workshop and transfer to hotels and social event



MINISTERIUM
FÜR EIN
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Social Evening

19:00 Meeting in the city centre Neuer Platz 1 at the “Lindwurm” (the lindworm is Klagenfurt’s best-known sight) for a guided city tour to Neuer Platz, Alter Platz and Landhaus including a visit to the Wappensaal. Guidance will be in English language.

20:00 Welcome by Landesrat Rolf Holub and invited dinner in the Landhaushof.

Coverage of expenses

As announced earlier expenses for traveling and hotel will be refunded by the Federal Environmental Agency. Participants are requested to submit hotel recipes, tickets, boarding passes etc. together with their bank connections after the workshop to:

Franz Meister, Umweltbundesamt GmbH, Spittelauer Lände 5, A-1090 Vienna, Austria

Email: Franz.Meister@umweltbundesamt.at

Both, original documents sent by surface mail and scanned recipes submitted by email are acceptable.

Venue and city map

A city map showing the place of the Workshop as well as hotels, parking places and the train station is attached.



List of participants

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