

4th Round-table Discussion

HT and HTO Monitoring of the Environmental Air

September 12 – 14, 1990

Ruder Bošković Institute

Zagreb, Croatia, Yugoslavia

P R O G R A M

Wednesday, 12th September 1990

10:00 WELCOMING ADDRESS AND INTRODUCTORY REMARKS

K.Pisk, Director general of the Ruder Bošković Institute

10:15 TRITIUM IN PRECIPITATION

K.Rozanski: Tritium in precipitation: Comparison between the years of high tritium (1963 – 67) and recent years

G.Oestlund: Atmospheric HT 1950 – 1990

Coffee break

11:30 ENVIRONMENTAL HT AND HTO

D.Rank, V.Rajner: Measurements of Environmental Tritium – new results

E.Csaba, K.Kozák, G.Uchrin: Investigation of tritium in environmental samples at a "clean air" and at a locally contaminated site

13:00 LUNCH

14:00 ENVIRONMENTAL HT AND HTO (continued)

G.Uchrin, K.Kozák, E.Csaba, F.Golder: Main activities and results of Environmental Laboratory of Institute of Isotopes, Budapest

Coffee break

N.Horvatinčić, I.Krajcar Bronić, B.Obelić: Tritium in air moisture at Zagreb

T.Anovski: HTO monitoring of the environmental air

Thursday, 13th September 1990

9:00 SAMPLING SYSTEM FOR HT AND HTO

K.Kozák, E.Csaba, G.Uchrin: Sampling system for atmospheric HT and HTO:
Technical details and operational instructions

T.Mohar, U.Miklavžič, B.Breznik, I.Kobal: Our experience in using continuous
HT/HTO samplers

Coffee break

10:30 INTERCOMPARISON STUDY

K.Rozanski: Results of tritium intercomparison exercise

11:00 DATA BASE

B.Obelić: Tritium Database at the Ruđer Bošković Institute

11:30 VISIT TO THE IRB LABORATORY

13:00 LUNCH

14:00 EXCURSION

Friday, 14th September 1990

9:00 NUCLEAR POWER PLANTS

T.Mohar, U.Miklavžič, I.Kobal: Tritium in air and water at Krško NPP

R.Jasiulionis: On the investigation results of the HTO concentrations in the Ignalina
Atomic Power Station environment

P.Ormai, G.Uchrin, E.Csaba: Long-term monitoring of tritium discharges from Paks
NPP

Coffee break

11:00 BUSINESS MEETING

Decision about next Round-table discussion, plans for future and concluding remarks

CLOSING

LUNCH