

Record of Meeting
Joint JCCEM U.S./Russian Vadose Zone Meeting
December 11, 2001
San Francisco, California

Russian Participants:

Vitaly Kurochkin, CJSC "Oreol" (VNIPIPromtehnologii)
Evgeniy Drozhko, Mayak Production Association
Natalia Kotchergina, Hydrospetzgeologiya
Galina Zinina, Institute of Physics and Power Engineering
Liliya Samsonova, Hydrospetzgeologiya

U.S. Participants:

Adam Hutter, DOE-EML
Boris Faybishenko, LBNL
Charles Cole, PNNL
Mark Williams, PNNL
Signe Wurstner, PNNL
Mikhail Khankhasayev, Florida State University
Liliya Petrachenkova, SAIC

Interpreters:

Sergey Silitchev, TEA
Kevin Kelly, TEA

Summary:

Vitaly Kurochkin commenced the meeting with an overview of the history of Vadose Zone work under this JCCEM Area of Cooperation at three Russian sites: Tomsk, Krasnoyarsk and Novovoronezh.

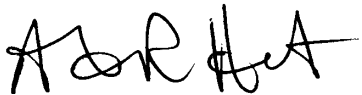
The Russian side proposed to conduct a technical workshop in Russia, in FY02 to discuss technical aspects of the current Vadose Zone project and to further address future directions of the JCCEM Vadose Zone Area of Cooperation.

Both sides agreed that close coordination and communication would be essential to the success of the FY02-03 project and the Vadose Zone Area of Cooperation, in general. Additionally, the development of the Vadose Zone model will be extremely useful as a means of quantifying recharge parameters for the groundwater models being concurrently developed in the JCCEM.

Both sides agreed that it is desirable to prepare a detailed program of work for FY02 to reflect main goals and stages of work. By January 2002, the Russian side will present drafts of two papers: (1) Experimental investigations and 2D numerical modeling of water and ⁹⁰Sr migration in the vadose zone at the Novovoronezh site, and (2) Remediation of radioactive contaminated sites using H₂S and CO₂ injection in the vadose

zone. By Summer 2002, the Russian side will present a draft of the paper on 3D modeling of the Novovoronezh tracer experiment.

For the U.S. Side:

A handwritten signature in black ink, appearing to read 'A. Hutter'.

A. Hutter, Technical Program Manager
U.S. Department of Energy

For the Russian Side:

A handwritten signature in black ink, appearing to read 'V. Kurochkin'.

V. Kurochkin, Principal Investigator
CJSC "Oreol" (VNIPIPT)