

Record of Meeting
Joint JCCEM U.S./Russian Vadose Zone Meeting
November 5-8, 2000
Durham, North Carolina

Russian Participants:

Vitaly Kurochkin, CJSC "Oreol" (VNIPIPromtehnologii)
Vladimir Korotkevich, Siberian Chemical Combine
Mark Glinsky, Hydrospeztzgeologiya
Andrei Glagolev, Hydrospeztzgeologiya
Natalia Kotchergina, Hydrospeztzgeologiya
Evgeniy Drozhko, Mayak Production Association
Aleksey Aleksakhin, Mayak Production Association

U.S. Participants:

Skip Chamberlain, DOE
Boris Faybishenko, LBNL
Alan Yonk, INEEL
Adam Hutter, DOE-EML
Mike Foley, PNNL
Mark Williams, PNNL
Signe Wurstner, PNNL
Mikhail Khankhasayev, Florida State University
Mark Whitney, SAIC

Interpreters:

Paul Grenier, TEA
Kevin Kelly, TEA

The meeting commenced with an overview of the purpose of the workshop by Skip Chamberlain and a discussion of DOE's interest in collaborating with the Russian side in this JCCEM Area of Cooperation. Boris Faybishenko followed this with a discussion of the joint proposal for an FY01 Vadose Zone Statement of Work (SOW), to be conducted under the auspices of the Joint Coordinating Committee for Environmental Restoration and Waste Management. Dr. Faybishenko outlined the main goals and specific tasks of the proposed project.

To ensure that there were no ambiguities with the purpose of the project and the specific tasks outlined in the SOW, the two sides discussed each component of the Contract proposal in detail. Vitaly Kurochkin spoke of the Russian capabilities in the area of Vadose Zone studies. Dr. Kurochkin provided comments and recommendations to slightly modify the SOW and the two sides came to mutual agreement on the overall goals of the proposed project and the specific tasks outlined in the SOW.

The SOW, which was signed by Skip Chamberlain and Vitaly Kurochkin at the

conclusion of the meeting, included the following major tasks:

- 1) Development of data sets available from three vadose zone case studies (Tomsk, Krasnoyarsk, and Novo-Voronezh sites);
- 2) Critical evaluation of field characterization and monitoring technologies used since the initiation of observations at the field sites;
- 3) Initiation of the development of conceptual, mathematical, and numerical models of flow and transport for two field sites;
- 4) Preparation of a proposal for a drilling, sampling, and measurement program for consideration under a FY 2002 project; and,
- 5) Preparation of a report summarizing the results of the project and preparation of at least one scientific paper to be submitted by the end of the project to the peer-reviewed International Journal.

Both sides agreed that close coordination and communication will be essential to the success of the FY01 project and the Vadose Zone Area of Cooperation, in general.

The Record of meeting was signed:

For the U.S. Side
by

S. Chamberlain, Program Manager
U.S. Department of Energy

For the Russian Side
by

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