

**Record of Meeting**  
**Joint JCCEM U.S./Russian Meeting on Tomsk Modeling**  
**December 11, 2001**  
**San Francisco, California**

**Russian Participants:**

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

**U.S. Participants:**

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

**Interpreters:**

Kevin Kelly, TEA  
Sergey Silitchev, TEA

**Summary:**

Adam Hutter opened the meeting with brief introductions and welcomed the Russian participants. Vitaly Kurochkin summarized the results of the FY01 Tomsk Modeling project and discussed the progress of the FY02 project. He recognized the Russian collaborators on the FY01 Tomsk Modeling project: Siberian Chemical Combine, VNIPIPromtehnologiya, Moscow State University, Hydrospetzgeologiya, and the Institute of Physical Chemistry of the Russian Academy of Sciences.

During the meeting the results of the work performed within the framework of the FY01 Contracts were reviewed and a first stage of FY02 work were discussed. Vitaly Kurochkin transferred a technical plan for the work in the FY02 to the U.S. colleagues. Mark Williams thanked Vitaly Kurochkin for the presentation of the history of the JCCEM Tomsk Modeling activities.

To refine the Tomsk numerical model, the currently conducted vadose zone investigations can be used to assess the groundwater recharge.

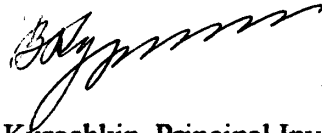
The Russian side invited a U.S. delegation to Russia, in FY02 to discuss the current Tomsk Model Development project and to further address the future direction of the JCCEM Tomsk Modeling Area of Cooperation.

**For the U.S. Side:**

Handwritten signature of A. Hutter in black ink.

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

**For the Russian Side:**

Handwritten signature of V. Kurochkin in black ink.

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