

**Record of Meeting
Joint JCCEM U.S./Russian Meeting on
Contaminant Transport Modeling at the Mayak Production Association
December 11, 2001
San Francisco, California**

Participants:

U.S. Side:

Adam Hutter, DOE-Environmental Measurements Laboratory
Mark Williams, PNNL
Signe K. Wurstner, PNNL
Charles Cole, PNNL
Boris Faybishenko, LBNL
Mikhail Khankhasayev, Florida State University
Liliya Petrachenkova, SAIC

Russian Side:

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

Interpreters: Sergey Silitchev, Kevin Kelly, TEA

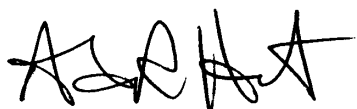
During the meeting the results of the work performed within the framework of the three FY01 Contracts were reviewed and new FY02 projects were discussed. Liliya Samosonova gave a brief overview of the work to be conducted in FY02-03 for the following projects based on the results of the work in FY01:

- Task 1: Verification of migration scheme of 3-D regional model and modeling methods.
- Task 2: Assessment of geochemical balance of natural "solution-rock" system and migration parameters of geological environment.
- Task 3: Assessment of the possibility of secondary groundwater contamination owing to the processes of radionuclide desorption from Lake Karachai bed.

It was discussed that due to funding limitations to PNNL in FY02, their role in Tasks 2 and 3 will be to advise the Russian scientists and not participate as equal collaborators, as has been done in the past on all projects.

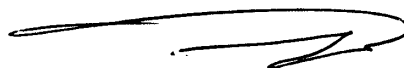
Scientific discussions were held to detail the data and approaches required during FY02 to complete the model development tasks, with follow-up discussions to be conducted during a workshop in the summer of 2002, as agreed to at the 11th JCCEM meeting in St. Petersburg, Russia in September, 2001.

For the U.S. side

A handwritten signature in black ink, appearing to be 'A. Hutter', with a stylized, overlapping structure.

A. Hutter, Technical Program Manager
DOE-EML

For the Russian side:

A handwritten signature in black ink, appearing to be 'E. Drozhko', with a long, horizontal, sweeping stroke.

E. Drozhko, Principal Investigator
Deputy Director, Mayak PA