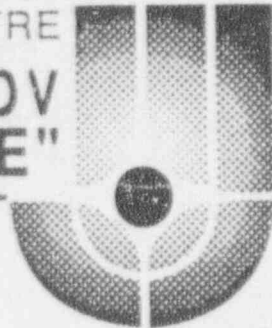


RUSSIAN RESEARCH CENTRE
"KURCHATOV
INSTITUTE"



Kurchatov Square, Moscow 123182, Russia

telex: 411594 "Shuga"

Mr. IVAN SELIN

The Chairman,
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
U.S.A.

October 8, 1993

Dear Mr. Selin:

On behalf of my colleagues and by myself I would like to thank you for the invitation to dinner with you on the 4th of this month. It was a real misfortune that the force majeure here deprived us of both to enjoy your company and to discuss many important matters of our cooperation.

One of the topics we were going to discuss with you in Moscow was the "Kurchatov Institute" involvement in the problems of nuclear material accountancy and control as well as in other nuclear non-proliferation problems. A special "Memo for the File" on the status of cooperation on this subject between "KI", Gosatomnadzor of Russia and American Technical Institute (Brunswick, TN, USA) was prepared for your information and consideration.

I am sending this "Memo" to you now and hope you give me know your opinion on this subject at your earliest convenience.

With the best regards,

N. Ponomarev-Stepnoy
Vice President

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PDR COMMS NRCC
CORRESPONDENCE PDR

Attachment:
as stated, 2 pages

Taking into consideration that:

- the State system of accounting for and control of nuclear material corresponding to the modern international requirements does not exist in Russia now
- the NUMACS Project, mentioned above, runs well ahead of other projects declared or supposed to be conducted in this field
- "KI"RRC is acting as an independent Federal research center
- GAN is acting on a commission from the President of Russia

one can understand that successful completion of the NUMACS Project will significantly improve the situation in the field of nuclear material accounting and control in Russia and other New Independent States and will create a proper basis for strengthening nuclear non-proliferation regime.

The GAN, "KI"RRC and ATI are considering other joint projects including an expansion of the NUMACS Project to include all Controls, Safeguards and Procedural Issues under cognizance of GAN. For the present time, ATI supports the ongoing NUMACS Project with the use of private investments but is actively pursuing various alternative sources of funding. Any support of this activity by US Government funds will be extremely valuable

Persons to be contacted in connection with the NUMACS Project:

In USA:
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MEMO FOR THE FILE

(Moscow, 04 October, 1993)

The "Kurchatov Institute" Russian Research Center ("KI"RRC) and the American Technical Institute (ATI, Brunswick, Tennessee, USA) on 16 July, 1993 signed the General Agreement about scientific - technical cooperation in a field of nuclear safety and nuclear non-proliferation. On 15 August, 1993 both "KI"RRC and ATI signed the first Contractual Agreement about joint development of a model nuclear material accounting, control and safeguards system for the "KI"RRC (NUMACS project) which will utilize all available national and international experience in that specific field.

After approximately six months of preliminary studies and preparations this joint project was formally started in August, 1993 and scheduled to be completed by the end of 1994. Examination of this Project by a group of international experts is being planned for the beginning of 1994. NUMACS is being carried out in such a way that will permit to implement the system developed on a level of a specific facility, complex nuclear center, as well as on a regional level, or for a specific country as a whole (Russia, Ukraine, Kazakhstan, etc). A detailed budget is under preparation for Stage 3 of the NUMACS Project to define its exact cost (currently estimated to be at least several million dollars).

In order to support this Project, "KI"RRC and the Federal Supervising Agency on Nuclear and Radiation Safety (Gosatomnadzor of Russia, GAN) on 26 August, 1993 signed the Agreement on cooperation in a field of implementation of nuclear material accounting and control (verification and inspection) systems to be developed by "KI"RRC. By 25 September, 1993 the GAN, "KI"RRC and ATI have prepared the Agreement on Collaboration which creates a framework for conducting joint GAN, "KI"RRC and ATI works in a field of nuclear safety and nuclear non-proliferation.

These Agreements have created a basis for joint works in that specific fields having in mind utilization of the most valuable American and Russian scientific and technological experience and knowledge for improving the safety level of Russian Nuclear Power Plants and the perspectives of nuclear non-proliferation.

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