PROPOSED AGENDA

14th meeting of the Hot Laboratories Committee to be held at Petten, on 8 and 9 June 1972

Thursday, 8 June 1972

9.00 a.m. - Welcoming by the Director of the Center

I. HANDLING PROBLEMS

1. Handling of transplutonium elements (Am, Cm and Cf) at the European Institute of Transuranium Elements
   by K. BUIJS and W. MÜLLER

2. Exploitation of the shielded cell PETRUSSE
   by Mr. SONTAG

3. The AITINEA chain - Tight and shielded cell for highly pure Pu$_{238}$ metal production
   by Mr. LEFORT

4. Some problems in connection with the metallurgical conditioning of actinium oxide
   by C. LAMBREIT and R. HEREMANS

Discussion
I. HOT LAB EXPLOITATION COSTS EVALUATION

1. Elements of hot lab exploitation costs
   by Mr. HAYET

2. Costs evaluation for hot cell utilization at the KFA-Jülich
   by H. MÜLLER

3. Hot cell operation costs and tariffs at the GfK-Karlsruhe
   by Mr. SCHENKER

Discussion.

1:30 p.m. - Lunch break

III. FISSION GAS SAMPLING AND ANALYSIS

1. Fission gases, their measurement and evaluation in post irradiation
   analysis at Casaccia Hot Operation Laboratory
   by G. LEPSCZY, G. PODDA

2. Use of radioactive fission gas isotopes as measuring medium
   by Mr. JANVIER

3. Equipment for tritium recovery from fast reactor fuels
   by A. TERRAGHI

4. Apparatus for sampling of fission gases from fuel pins
   by H. OORT and H.J. WEVERS

Discussion.
IV. OPERATION EXPERIENCES WITH MASTER-SLAVE AND POWER MANIPULATORS

1. Operation experiences with Master-Slave and Power Manipulators in the hot cells of the GfK-Centre in Karlsruhe
   by H. ENDEWEIN

2. Operation experiences with manipulators at the European Transuranian Institute
   by G. SAMSDEL

3. Operation experiences with manipulators in the KFA-Jülich
   by H. MÜLLER and L. CSIBA

4. Exploitation and maintenance of Master-Slave telemanipulators and power manipulators
   by K. ROUSSEL

Discussion.

Friday, 9 June 1972
9.00 a.m.

V. MEASUREMENTS AND "SPECIAL" INVESTIGATIONS IN HOT LABS

1. Determination of oxygen-metal ratios in oxide fuel materials
   by C. LEPSZCZY and P. LUGGETTI

2. Determination of Pu/U ratio by autofluorescence X of irradiated fuel
   by Messrs. MOUCHNINO and HAYET
VI. MISCELLANEOUS

1. Cooling equipment for impact test samples
   by E. SCHUSTER, G. HOFMANN, H. BOTH, H. HELDMANN

2. Cells for chemical processes
   by H.D. AANDEWIEL and H.J. WEVERS

3. Macrographic equipment in hot cells
   by N. JANVIER

4. Microscope stage with connected styler
   by Mr. PLANCHARD

Discussion.

1.00 p.m. - Lunch

Afternoon: Visit to the RCN-Installations

4.00 p.m. - End of the meeting.

N.B.: The speakers are kindly asked to restrict their oral communications to 10 minutes.