

RECORD OF MEETING

D&D TECHNICAL MEETING OF THE JOINT COORDINATING COMMITTEE FOR RADIOACTIVE AND MIXED WASTE MANAGEMENT

September 15, 1998

Principal Participants:

U.S. Side: Gerald Boyd, DOE-HQ; Elizabeth O'Malley, DOE-HQ; Paul Hart, DOE/FETC; Steve Bossart, DOE/FETC; Jim Orban, DOE-AL; Ken Kok, RioTechnical Services; Bruce Erdal, LANL; Doug Wedman, LANL; Ellen Stallings, LANL; Barry Moravek, ICF Kaiser; Steve Brown, IT Corp.; John McFee, IT Corp; Ali Ebadian, FIU; Charles Broom, FIU; Ana Ferreira, FIU; Michael Mayerle, SAIC

Argentina Side: Jaime Pahissa-Campa, CNEA; Marta de Pahissa, CNEA; Adrian Goldschmidt, CNEA; Pablo Adelfang, CNEA

Meeting Records:

A D&D Technical Meeting of the Joint Coordinating Committee for Radioactive and Mixed Waste Management between DOE and CNEA was held in Denver, Colorado on September 15, 1998. The Argentine delegation was led by Dr. Jaime Pahissa Campa, Advisor of the CNEA President and Director of the Waste Management Program. The U.S. delegation was led by Gerald Boyd, Acting Deputy Assistant Secretary for the Office of Science and Technology, DOE Office of Environmental Management.

Gerald Boyd provided opening remarks, and described the purpose of the meeting, which was to further elaborate the D&D action items agreed upon at the last JCCRM meeting held in Miami, Florida on December 3-4, 1997. This includes the joint collaboration on the Large-Scale Demonstration and Deployment Project at Los Alamos National Laboratory (LANL).

Jaime Pahissa Campa welcomed the participants and expressed his pleasure of the joint collaboration between DOE and CNEA. Dr. Pahissa Campa thanked the delegation for the invitation to the conference and looked forward to discussing the work on the action items. Dr. Pahissa Campa provided some information on the current operations of the National Atomic Energy Commission of Argentina. It was explained that the CNEA has gone through some changes, specifically regarding which agency it reported to, which in turn had some effect on its operation and budget. CNEA is currently reporting to the Office of the President of Argentina.

Paul Hart welcomed the delegation and provided some historical background regarding the collaboration between DOE and CNEA in the area of decontamination and decommissioning. He explained how DOE and CNEA are currently collaborating on a Large-Scale Demonstration and Deployment Project (LSDDP) at LANL (referred to hereafter as LSDDP) involving the decontamination of Pu gloveboxes. Within this project, delegates from CNEA will be participating in the LSDDP.

It was confirmed that collaboration between DOE and CNEA on the LSDDP would be between government officials of both countries. Points of contact for the U.S. side are Steve Bossart, DOE-FETC and Jim Orban, DOE-AL. Points of contact on the Argentine side are Adrian Goldschmidt, CNEA and Pablo Adelfang, CNEA.

Presentations were made by both the U.S. and Argentine sides on the technical aspects of their respective Plutonium (Pu) gloveboxes D&D projects.

The objective of the LSDDP is to identify and demonstrate reduced risk and reduced cost technologies for the initial cleanup, characterization, decontamination and volume reduction of oversized metallic transuranic waste Pu gloveboxes. It was stated that a technology review workshop was held in Denver CO, September 2-4, 1998 where 30 technologies were evaluated. Six technologies were tentatively approved for demonstration. Current technologies that have been selected include chemical foam, electrochemical decontamination, and mechanical cutting processes. The expected date for the start of demonstrations is July 1999. Demonstrations will continue through FY 2000.

The Argentine side provided key answers to questions regarding the two gloveboxes that they are planning to D&D. These include a grinding glovebox and a wet process glovebox.

Discussions followed regarding specifics of the LANL baseline project and the LSDDP technologies. Background information for the D&D baseline project can be found on the following web page: <http://www-emtd.lanl.gov/ASTD/DVRS.html>
Additional information regarding the LSDDP project is located at:
<http://www-emtd.lanl.gov/LSDDP/DDTECH.html>

It was noted that information provided by the CNEA delegation at the Seattle 1996 workshop suggested possible areas of cooperation such as packaging of gloveboxes, decontaminating techniques, worker safety, contaminant fixing, etc.

Adrian Goldschmidt presented information regarding the status on the decontamination of the two gloveboxes. The gloveboxes are currently being replaced and the old ones could be decontaminated with technologies selected by CNEA.

Pablo Adelfang described the conditions of the Alpha facility in Argentina. For more information refer to his report (Seattle 1996 - Spectrum and the appropriate handouts). He then presented the Argentine regulations that will be applicable to future work on the gloveboxes.

The DOE and CNEA have agreed to discuss electrochemical technology as a possible area of future collaboration. This discussion will occur at the next JCCRM meeting.

Mechanics of Interaction between DOE and CNEA:

Paul Hart informed the delegations that CNEA has full partnership on this LSDDP project at LANL, and access to all information. He reminded the delegation that the exchange of

information will be coordinated through DOE/OST International Program run by Elizabeth O'Malley. It is understood that usual business practices will be followed and respected. CNEA agreed to the mechanics of the interaction.

It was agreed that technical documents will be transferred between DOE and CNEA in English. Teleconferences will also be conducted in English, with a bi-lingual person present on the line. It is confirmed that related information will be transmitted prior to any LSDDP teleconference scheduled.

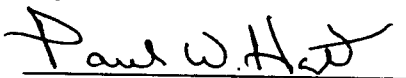
Action Items:

Related to the confidentiality of the LSDDP, CNEA agrees on signing a non-disclosure agreement that will be transmitted through DOE's International Office.

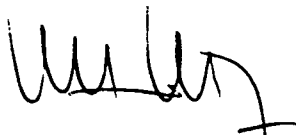
The Integrated Contractor Team will provide all information to date regarding the technology selection process and other planning documents regarding the LSDDP. This information will be transmitted through the DOE International Office.

3. A tentative schedule of teleconference dates will be transmitted to CNEA. Relevant information will be transmitted prior to the actual teleconference date.
4. A technical exchange of Argentine scientists will occur during the demonstration phase and when deemed appropriate by participating parties. Prior official notice will be provided through the DOE International Office.
5. CNEA delegates have agreed to participate fully in future LSDDP activities, including the Technology Selection processes, LSDDP Test Plan review, the review/participation in demonstration execution, and the analysis of actual cost and performance data for the comparison of technologies.
6. CNEA will provide current information on the status of its D&D operations and other programs which may influence their participation in the LSDDP.
7. If deemed appropriate, the demonstration of selected technologies may occur at the Alpha facilities in Argentina.
8. The Integrated Contractor Team agrees to maintain related websites (previously listed) with current information regarding the LSDDP. They have also agreed to evaluate the feasibility of establishing an internet communication system.
9. Information on the International Atomic Energy Agency (IAEA) D&D training program at Argonne National Laboratory, as well as other training programs, will be provided to CNEA through the DOE International Office.

Signed:



Paul Hart
U.S. Department of Energy/FETC



Adrian Goldschmidt
Argentine National Atomic Energy Commission

17-9-98

Date

17-9-98

Date