

1999 EUROPEAN HOT LABORATORY SEMINAR

TRANSURANIANS INSTITUTE - KARLSRUHE

From the 13th to the 15th of October 1999

Hot Laboratory Reconditioning Active Fuel Examination Laboratory Basic Nuclear Facility No. 55 - LECA - CADARACHE

J.-Ph. GIRARD - N. de SEROUX***

- Title:**
- *Rehabilitation of nuclear facilities in operation*
 - *Embodiment to the Cadarache Hot Laboratory (LECA)*
 - *Goals, processes and implementation*

Summary:

Thirty months after the decision was made to implement a thorough reconditioning of the Cadarache Study Centre's active Fuel Examination Laboratory (LECA), the Building Owner and the Main Contractor have drafted a methodological and technical report concerning the operation.

The purpose of this operation is to bring this laboratory back to standards, against the current safety requirements on the one hand, and to fit it with general equipment, to allow the examination of fuel highly loaded in actinides, on the other hand.

The rehabilitation process highlighted the fact that an accurate assessment of the site was required, followed by a detailed analysis of the existing facility against laws and regulations.

Finally, the study and performance phase, currently under way, raises the "configuration management" (knowledge of the facility's state at a given moment) issue, by taking into account the operation and maintenance, on the one hand, and the reconditioning operations, on the other hand.

The authors will provide a few items pertaining to the terms, costs, and main technical stakes.

* SOCIETE DES TECHNIQUES EN MILIEU IONISANT
(COMPANY OF THE TECHNIQUES IN AN IONISING
ENVIRONMENT)
ZAC DE COURCELLE
(made available to the CEA)
TEL. (33) 04 42 25 37 48 - FAX (33) 04 42 25 25 99
E-MAIL benchikhou@drncad.cea.fr

1, ROUTE DE LA NOUE
91196 GIF-SUR-YVETTE CEDEX
FRANCE

** CEA COMMISSARIAT A L'ENERGIE ATOMIQUE
(FRENCH ATOMIC ENERGY COMMITTEE)

DIRECTION DES REACTEURS NUCLEAIRES
(NUCLEAR REACTOR DIRECTORATE)
DEPARTEMENT D'ETUDES DES COMBUSTIBLES
(FUEL STUDY DEPARTMENT)
TEL. (33) 04 42 25 66 74 - FAX (33) 04 42 25 25 99
E-MAIL, christophe.lecroix@drncad.cea.fr

CEA/CADARACHE F - 13108 ST-PAUL-LEZ-DURANCE CEDEX
FRANCE

