CADEEX SOFTWARE FOR SAMPLE AND MATERIAL MANAGEMENT

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AMI PRESENTATION

The Irradiated Materials Workshop started up in 1963

Examinations on equipment or fluids from NPP

Prescription for chemical and radio-chemical analysis methods
LIDEC WHY?

To work with everyday clothes in the radiologically controlled area

Activity of 35TBq over 50 years

CEIDRE Integrated Laboratories Facilities for Examinations will start up in 2015.
CADEEX OBJECTIVE

Moving from the AMI to LIDEC implies transferring a 50 year history of tests, samples and materials. CADEEX software has been developed to manage samples and materials.

In AMI, various files and software are used to manage samples and materials.
CADEEX CHARACTERISTIC

- Just one software programme
- a single administrator
- ease of use
- radiological follow up of all samples and materials
- characterization of all samples and materials
- an alert to archive or put in waste
- storage space
- Connection with firefox, explorer (IE8 version) or chromium
- Logon with an intranet address
APPLICATION of the CADEEX software

**Material / Matter :**
- Referencing
- Composition
- Stock management

**Experimental program :**
- Referencing
- Alloy
- Preparation of samples
- Examination steps

**Batch of test:**
- Referencing
- Overall characteristics of the test
- Summary table of the test
- (test conditions and results)

**Test :**
- Referencing
- Test conditions
- Incorporation of the results

**Study :**
- Referencing
- Project
- Selected results
Entrance/release material management

Material entrance request
(Expert)

Associate the scheme of the blocks
(Expert)

Define the new referencies
(Expert or person in charge of the material)

Entrance validation
(person in charge of the material)

Material entrance implementation
(person in charge of the store)

Material release request
(Expert)

Release checking step
(Person in charge of the material)

Material release implementation
(person in charge of the store)
Identification

Place of storage

Kind of material (M: Metallic)

Type:
  - T for sheet metal ( tôle ),
  - U for tube, …

Order number

suffix: Project number …

Further information

- Size
- Weight
- Origin (Power Plant/Unit)
- Radiological activity

Computerized management
PROSPECTS OF THE SOFTWARE FOR THE LABORATORY

Include new application

Experimental program
- Referencing
- Alloy
- Samples
- Examination steps

Have all the historic of the material

Mechanical testing
- Referencing
- Test conditions
- Datasheet of the test results

Capitalize experience feedback
MERCI