

# Tajoura Nuclear Research Centre Research Reactor

## IRT-1

**Mr. Othman Salem Ermih**  
**Mr. Mohamed m shabane**

R2D2P :WORKSHOP ON “DECOMMISSIONING  
TECHNOLOGIES”

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# DECOMMISSIONING PLAN for TAJOURA Research Reactors (*Under PROCESSING*)

*Based on IAEA Safety Reports Series No. 45*

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# **INDEPENDENT REGULATORY BODY**

- THE REGULATORY BODY IS INDEPENDENT IN FROM TAJOURA NCLEAR RESEARCH CENTER HOWEVER IT IS PART OF THE ATOMIC ENERGY ESTABLISHMENT.**
- A NEW LAW IS UNDER CONCEDERATION, IT CALLS FOR THE ESTABLISHMENT OF AN INDEPENDENT REGULATORY BODY TO ACHIEVE EFFECTIVE REGULATORY CONTROL OFNUCLEAR FACILITIES AND ACTIVITIES.**

# **LEGAL AND REGULATORY FRAMEWORK**

- THE DECOMMISSIONING PLAN FOR TAJOURA RESEARCH CENTER IS UNDER PROCESSING, IT IS NOT INCLUDED YET IN THE NATIONAL LEGAL AND REGULATORY FRAMEWORK .**
- A COMMITTEE HAS BEEN ESTABLISHED TO REVIEW THE EXISTING LAWS AND TO PROPOSE A NATIONAL LAW WHICH COVERS ALL THE RELATED ASPECTS**

# **LICENSE/ AUTHORISATION**

- **THE REACTOR HAD A TEMPORARY LICENCE FOR SIX MONTHS AFTER ITS CONVERSION TO LOW ENRICHED URANIUM.**
- **RIGHT NOW THE REACTOR HAS APPLIED FOR AN OPERATION LICENSE FROM THE REGULATORY BODY. IT IS EXPECTED THAT THE REACTOR WILL BE GIVEN THE LICENSE BY FALL OF THIS YEAR(PERMISSION TO OPERATE THE REACTOR AT A MAXIMUM POWER OF 8MW)**

# **DECOMMISSIONING PLANNING/ IMPLEMENTATION**

**THE DECOMMISSIONING PLANE IS NOT  
AVAILABLE YET ITS UNDER PROCESSING**

- Documents related to DECOMMISSIONING is being prepared.**
- Data for all existing systems is being gathered and the total material quantity is being estimated.**

# **DECOMMISSIONING COST CALCULATION/FUNDING**

**THE DECOMMISSIONING COST CALCULATION HAS  
NOT BEEN CARRIED OUT YET.**

**THE FUNDING IS SECURED BY GOVERNMENT  
FUND**

**IN LIBYA BUDEGT IS BASED ON ANNUAL  
GOVERNMENTAL ARRANGEMENT SYSTEM**

# **PROGRESS AND ACHIEVEMENTS**

- 1- ALL DOCUMENTS RELATED TO DECOMMISSIONING IS UNDER REVIEW**
- 2- INFORMATION FOR EACH SYSTEM IS BEING GATHERED IN THE FORM OF TABLES WITH THE MAIN DATA SUCH AS**
  - - KIND OF MATERIAL**
  - - MASS OF MATERIAL**
  - LENGTH,DIAMETER**