

# Mitigation of Insider Threat by Enhancing Human Reliability Program

Jordan remains one of the new comer countries in nuclear projects, Jordan Research and Training Reactor Is considered the first nuclear facility in Jordan.

The security of nuclear facilities has been one of the challenges facing the Jordanian nuclear project as Jordan is a stable country located in a volatile area (Middle East.)

Therefore, we have worked hard to maintain the security for the first nuclear facility in Jordan for all nuclear security aspects: Physical security, Cyber security, Security Culture and Human Reliability Program

The human side in nuclear security is one of the most complexes in all nuclear security aspects; especially for insider the facilities (Employees, Contractors, Visitors ...) which called insider threats whether it is (intentional or unintentional)

The Paper will discuss the Jordan's experience in mitigating the threat of insiders by strengthening the human reliability program through development of:

- Clearance and security check procedures
- Psychological & Medical Test
- Drugs Test
- Alcohol Test
- Awareness Programs

furthermore, the Paper will highlight the challenges during the implementation of the HRP.

## Gender

Male

## State

Jordan

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