

CASE STUDY

New Build - Nuclear Material Management Facility

INTRODUCTION

The client received regulatory and planning approval to build a Nuclear Material Management Facility at their site for the deconversion of nuclear material. The 9-year construction project costing in excess of €1bn was completed in 2020 when the facility went into successful operation.

OBJECTIVE

The objective was to provide expert security consultancy including technical support to ensure the threats, risks, and mitigation measures were understood, designed out where possible, and mitigated appropriately. As well as leading the security assurance provision throughout the project life cycle.

SOLUTION

Mid-Project our SME was asked to take over and lead the security assurance for the project and provide technical security support. Our SME brought all his experience to ensure the project was able to recover from problems it had previously faced, advance it to where it needed to be, and ultimately ensure the client attained a secure regulatory-compliant facility in a business-focused manner.

Our SME ensured the project team was supported through technical know-how and experience in all security-related matters regarding personnel, information, technical, and physical mitigation on a nuclear-licensed site. Culminating in assuring the selected security systems integrated seamlessly into the site-wide systems to be monitored and responded to accordingly. Through detailed assessment and assurance reports our SME accumulated evidence to demonstrate to the regulator that the security products, design, installation, and commissioning arrangements met regulatory expectations.

Our SME's regular assessments and detailed analysis reports of security management arrangements were provided in security cases and security plans. These were scrutinised and accepted by the Office for Nuclear Regulation (ONR) thus directly contributing to the facility receiving its site license/permit to operate.

AT A GLANCE

Challenges

- Highly Regulated Environment
- Multiple Stakeholders
- Salvaging a project in turmoil
- Timelines and Budget

Benefits

- Recovered project
- Achieved ONR endorsement
- Achieved financial savings
- Achieved secure environment



"We have been providing continuous support to the client though one of their framework suppliers since 2013. During this period our SME has provided expert security consultancy including technical support on a vast number of projects ranging from improvements to nuclear storage buildings through to substantial new builds, including this facility."

Richard Ross
Managing Director
Ubique Risk Management



Ubique Risk Management