

Special Arrangement Application

Package Specification:

Size	<ul style="list-style-type: none"> • 6,083mm overall length with shock absorbers • 1,530mm overall width across trunnions • 5,365mm overall length with shock absorbers removed • 1,430mm diameter of shock absorbers
Weight	<ul style="list-style-type: none"> • 13,700 kg maximum gross weight loaded package (excludes transport frame) • 624 kg lid end shock absorber and attachment bolts • 560 kg base end shock absorber and attachment bolts
Package Thermal Rating	3.2 kW



Demonstration of Equivalent Safety

Special Precautionary, Special Administrative and Operational Control Measures

DRILLS

Additional **fire drills and familiarity** exercises



PERSONNEL MEDICALS

Quarterly **health and fitness declaration**, of personnel involved in the transport



SECURITY CONTAINER

Specially built ISO **security containers**



FIRE TENDER IN ESCORT

A fully equipped and crewed fire tender, with Airwave communication, that can **track** the convoy



COMMAND AND CONTROL

All stages of the transport **controlled** by a Civil Nuclear Constabulary



CONVOY STRUCTURE

The **security convoy** arrangement and Police rolling road blocks



TRAIN FORMATION

Optimal loading plan designed to **maximise the distance** between packages and locos (the source of fuel)



PURPOSE BUILT INF3 SHIP

INF3-class vessel - the **highest level** of the International Maritime Code



CNC SECURITY

Package under **surveillance** throughout the duration of transport



Process

Stage 1: Identify all possible scenarios.

Stage 2: Investigate and identify preventative and mitigation measures.

Stage 3: Assess if the compensatory measures provide equivalent safety.

Stage 4: Compile application and Submit to ONR.

Measures

Investigating and identifying the preventative and mitigation measures for possible scenarios

- What are the key risks and what mitigations will be pursued?
- Will the approach work?
- Is it safe?
- Why is it safe?

INS can license your nuclear packages

INS will work with you to build a picture of your nuclear transport needs and advise you on how to ensure compliance.

Our experts' contribution to the ongoing revision and improvement of IAEA nuclear transport regulations affords INS the opportunity to apply that insight for our customers' benefit.

INS can use its experience of working with customers, competent authorities and stakeholders to improve the efficiency of your nuclear transport and ensure its compliance.