

**AUTHORISATION UNDER PARAGRAPH 15 OF SCHEDULE 1 TO THE CIVIL AVIATION ACT 1982 AND AGREEMENT UNDER SECTION 90(1) of the Energy Act 2013.**

This Authorisation and Agreement is made on 10 October 2023 by the Civil Aviation Authority ("CAA") and the Office for Nuclear Regulation ("the ONR").

**WHEREAS**

- the CAA is the competent authority for the United Kingdom as regards the transport by air of dangerous goods, including radioactive materials;
- the ONR has particular expertise in relation to the transport of radioactive materials in all modes of transport including air;
- the CAA has agreed to authorise the ONR to perform certain of its functions as regards the transport by air of radioactive materials;
- the Secretary of State is of the opinion that these functions can appropriately be performed by the ONR; and
- the ONR has agreed to perform those functions.

**IT IS AGREED THAT:**

1. The CAA authorises, pursuant to paragraph 15 of Schedule 1 to the Civil Aviation Act 1982, the ONR to perform the functions set out in the Schedule to this Authorisation and Agreement on behalf of the CAA.
2. The ONR agrees, under section 90(1) of the Energy Act 2013, to perform those functions on behalf of the CAA, being functions that in the opinion of the Secretary of State can appropriately be performed by the ONR.
3. Nothing in this Agreement shall prevent the CAA from carrying out any of the functions set out in the Schedule. The CAA shall, where practicable, give notice to ONR that it intends to exercise the relevant function.
4. This Authorisation and Agreement comes into effect on 10 October 2023. It will terminate on the expiry of three months written notice of termination given by either party to the other party.

The Common Seal of the Civil Aviation Authority hereunto affixed is authenticated by:

Signed by:  Date: 10/10/2023

Jonathan Spence  
General Counsel and Secretary to the CAA  
A person duly authorised to sign on behalf  
of the Civil Aviation Authority

Signed by:  Date: 10/10/2023

Mark McAllister, Chair of the Office for Nuclear Regulation  
A person duly authorised to sign on behalf of the Office for Nuclear Regulation



## SCHEDULE

### FUNCTIONS AUTHORISED TO BE PERFORMED BY THE ONR ON BEHALF OF THE CAA

#### Functions of the Competent Authority under the Technical Instructions

In this document "Technical Instructions" means the latest effective edition of the Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284-AN/905), including the Supplement and any Addendum, approved and published by decision of the Council of the International Civil Aviation Organization.<sup>1</sup>

The Technical Instructions include obligations related to the transport by air of class 7 goods to be discharged by the competent authority. The competent authority of the United Kingdom for the purposes of the obligations of the Technical Instructions related to the transport of dangerous goods by air is, by virtue of article 2 of the Air Navigation Order 2016 (as amended), the CAA.

The functions of the CAA as Competent Authority set out below are, in so far as they relate to the transport of class 7 goods, to be performed by the ONR. Details of the application or limitations of the functions are further expanded, where necessary, within the Memorandum of Understanding between the CAA and ONR<sup>2</sup>.

For the purposes of this Authorisation and Agreement, a reference to a provision in the 2021-2022 edition of the Technical Instructions shall be deemed to be a reference to the corresponding provision in any subsequent edition of the Technical Instructions in force in the UK:

<i>Provision in the 2021-2022 Edition of the Technical Instructions (identified in accordance with those Technical Instructions)</i>	<i>Competent Authority function(s) authorised for performance by ONR</i>
1;3.1.1	Definitions – Confinement systems Agreeing that assembly of components of the packaging meets this criterion.
1;6.2	Inspection of Radiation Protection Programme Documents
1;6.3	All functions as Competent Authority relating to Management Systems
1;6.4	All functions as Competent Authority relating to Special Arrangements
1;6.6 (c)	Receiving notification of an incident where an emergency exposure situation has developed or is developing
2;7.2.2.2	Determination of activity level (unlisted A2 values)
2;7.2.3.3	All functions as Competent Authority relating to Unilateral Approval of Special Form radioactive material
2;7.2.3.4.1	All functions as Competent Authority relating to Multilateral approval of the design for low dispersible radioactive material

<sup>1</sup> Compliance with the 2021-2022 edition of the Technical Instructions is required in the UK by the Air Navigation (Dangerous Goods) Regulations 2002, as amended.

<sup>2</sup> Memorandum of Understanding between CAA and ONR.

4;9.1.8(b)	Issue of unilateral exemption from the requirement to hold Type B(U); Type B(M); and Type C packages until equilibrium conditions have been approached closely enough to demonstrate compliance with temperature and pressure
5;1.2.1.2 a), b) and c)	Approval for the shipment of: a) Type B(M) packages not conforming with the requirements of 6;7.6.5, b) Type B(M) packages containing radioactive material with an activity greater than 3000 A1 or 3000 A2 as appropriate, or 1000 TBq, whichever is the lower; and c) packages containing fissile materials if the sum of the criticality safety indexes of the packages in a single freight container or in an aircraft exceeds 50
5;1.2.1.2	Authorisation of transport into or through its country [United Kingdom] without shipment approval by a specific provision in a package design approval
5;1.2.1.3	Approval of provisions under which a consignment may be transported by special arrangement
5;1.2.1.4(a)	Receipt etc. of notification before the first shipment of any package requiring competent authority approval, the shipper must ensure that copies of each applicable competent authority certificate applying to that package design have been submitted to the competent authority of the country of origin of the shipment and to the competent authority of each country through or into which the consignment is to be transported.
5;1.2.1.4(b)	Receipt of notification of shipments of Type C and Type B(U) packages with an activity of greater than 3000 A1 or A2 (as appropriate) or 1000 TBq (whichever is the lower); Type B(M) packages; and shipments under special arrangement.
5;1.2.2.1	All functions as Competent authority relating to the issuing of certificates
5;1.2.2.3	Requesting etc., for package designs where a competent authority issued certificate is not required, documentary evidence of the compliance of the package design with all the applicable requirements
5;2.4.5.3 c)	Specification of packaging identification marks for Type IP-2; Type IP-3; and Type A packages
6;7.5.4	Approval to ship packages designed to carry 0.1kg or more of uranium hexafluoride and meeting specified conditions.
6;7.6.6	Confirmation that Type A package design and manufacturing techniques are acceptable if not in accordance with national or international standards.
6;7.10.7	Specification of alternate ambient temperature range for packages containing fissile material

6;7.21	All function of the Competent Authority relating to Approvals of Package Designs and Materials
6;7.22	Receipt etc. of all applications required to be made to the competent authority.
6;7.23	Receipt of notification of serial numbers to the competent authority and maintenance of a register of such serial numbers
6;7.24.2	All functions of the competent authority relating to Packages approved under previous editions of SSR-6
7;1.6	All functions of the competent authority in relation to undeliverable consignments when the material is no longer in the care of the operator.
7;2.9.1.1	All functions of the competent authority in relation to the classification of personnel as "radiation workers".
7;2.9.3.2	Determining etc. special stowage provisions for packs or overpacks