SCHEDULE 10

APPLICATION REQUIREMENTS

PART II

APPLICATION FOR PACKAGE DESIGN APPROVAL CERTIFICATE FOR A TYPE B(U) OR TYPE C PACKAGE

An application for a package design approval certificate for a Type B(U) package must include the following—

1. A detailed description of the proposed radioactive contents with reference to their physical and chemical states and the nature of the radiation emitted.

2. A detailed statement of the design, including complete engineering drawings and schedules of materials and methods of manufacture to be used.

3. A statement of the tests which have been done and their results, or evidence based on calculative methods or other evidence that the design is adequate to meet the applicable requirements of these Regulations.

4. The proposed operating and maintenance instructions for the use of the packaging.

5. If the package is designed to have a maximum normal operating pressure in excess of 100 kPa gauge, a specification of the materials of manufacture of the containment system, the samples to be taken, and the tests to be made.

6. Where the proposed radioactive contents are irradiated fuel, the applicant must state and justify any assumption in the safety analysis relating to the characteristics of the fuel and describe any pre-shipment measurement required by paragraph 9(a)(ii) of Part XIV of Schedule 8.

7. Any special stowage provisions necessary to ensure the safe dissipation of heat from the package; considering the various modes of transport to be used and type of conveyance or freight container.

8. A reproducible illustration not larger than 21 cm × 30 cm showing the make-up of the package.

9. A specification of the applicable quality assurance programme.

10. Evidence of a suitable emergency plan.