

13 August 2015

2-4044-435 (250)

J. Poulsen Shipping A/S
Batterivej 7-9
4220 Korsør

krb/vel

Att.: Paw Stegmann

Subject: Validation of certificate USA/9225/B(U)F-96 rev. 58.

We have received your application dated 30 July 2015 concerning the above.

Following assessment of the case we have issued a validation of the certificate (enclosed).

Please note that physical protection of the transport of nuclear material in Denmark shall be accomplished in accordance with the requirements of the IAEA publication INFCIRC/225/Rev 4 and with any further direction given by the Danish Emergency Management Agency, Nuclear Safety Division, Datavej 16, DK-3460 Birkerød, tel. +45 45 90 60 00, fax. +45 45 90 60 60.

For the National Institute of Radiation Protection



f. Kresten Breddam

telephone +45 44 54 34 63

Copy:

Danish Emergency Management Agency, Nuclear Safety Division
Danish Maritime Authority
Division of Spent Fuel Storage and Transportation
Radiation Protection Committee

NMSS01

13 August 2015

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krb/vel

Validation of
**CERTIFICATE OF APPROVAL
FOR PACKAGE DESIGN**

It is hereby certified that the National Institute of Radiation Protection (NIRP), being the competent authority in Denmark, in pursuance of refs. 1 & 2 has validated the certificate with the designation:

USA/9225/B(U)F-96 rev. 58

concerning NAC-LWT.

The validation approves the use of the packages, as covered by the original certificate: In one shipment from Kingston, Jamaica to Charleston, South Carolina, USA. The shipment will be performed as UN-3328, scheduled for September 2015. The shipment will consist of one INF-2 vessel, carrying 1 package.

The packages comprise a NAC-LWT cask containing 296 irradiated fuel rods (one SLOWPOKE core), enriched to 93.18%. The max allowed is U-total = 888 g, U-235 = 828 g with the maximum activity of 8.1 TBq. The package CSI is 100.

The use in Denmark of the packages is subject to adherence to the following:

1. All relevant provisions of the original certificate must be observed.
2. All relevant provisions in ref. 3 must be observed.
3. Any incident or accident on Danish territory must be reported immediately to NIRP (24 h duty telephone (+45) 44 94 37 73).

4. During transport and temporary storage on Danish territory a copy of the original certificate and of this validation must accompany the package(s).
5. NIRP must be notified, as far as possible 7 days beforehand, of the time schedule and route of the transport.
6. Each user of this certificate, other than the original applicant, shall register his identity in writing to the National Institute of Radiation Protection, Knapholm 7, DK-2730 Herlev, Denmark.

The original certificate was issued 30 July 2015.

The validation expires 30 January 2016 or when the original certificate is revoked.

For the National Institute of Radiation Protection



f. Kresten Breddam

telephone +45 44 54 34 63

References:

1. IAEA Safety Standards Series, Regulations for the Safe Transport of Radioactive Material, 2005 Edition, TS-R-1.
2. Sundhedsstyrelsens bekendtgørelse nr. 993 af 5. december 2001 om transport af radioaktive stoffer (Order No. 993 on the Transport of Radioactive Materials, National Board of Health, dated 5 December 2001).
3. Sea transport: International Maritime Organization - International Maritime Dangerous Goods Code (IMDG), Class 7, current edition.

Fuel Storage and Transportation
Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Comm.
Washington D.C. 20555
USA

13. august 2015

Afdeling:

**Statens Institut for
Strålebeskyttelse**

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2730 Herlev

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