



SPECIAL PERMIT 3226

This Special Permit is issued pursuant to the terms of Section 71.6(a) of the "Regulations for the Transportation of Dangerous Commodities by Rail" to authorize the shipment of Deuterium by rail in Canada, under conditions prescribed herein, and does not relieve any shipper or carrier from compliance with any requirement of the said Regulations, except as specifically stated.

1. BASIS

Telex dated November 9, 1988 from Ontario Hydro, New Business Ventures Division, 700 University Avenue Toronto, Ontario M5G 1X6

2. COMMODITY CLASSIFICATION

Flammable gas 2.1.

3. COMMODITY NAME

Deuterium.

4. IDENTIFICATION NUMBER

1957.

5. REGULATION AFFECTED

73.301 (j).

6. AUTHORIZED SHIPPER

Ontario Hydro.

7. PACKAGING DESCRIPTION

Cylinders manufactured by Jos Heiser, Austria, serial number 2.448.712-2.449.121, having a capacity of 50 litres and a filling pressure of up to 200 bar, manufactured and tested in accordance with information on file with the Director of Operation.

8. SPECIAL REQUIREMENTS

- a) In accordance with Section 71.6 (b)(2) of the Regulations, each shipping document issued in connection with any shipment made under this Special Permit shall bear the notation "CTC Special Permit No. 3226".

- b) The cylinders shall be received by Ontario Hydro with a slight positive pressure of D2 to prevent any ingress of atmospheric air. The cylinders shall be shipped by truck to Ontario Hydro's production facility at Chalk River, Ontario. Once the cylinders have been filled to 138 bar pressure, they shall be crated and shipped back to the consignee in Germany.

9. REPORTING REQUIREMENTS

The Director of Operation shall be advised of any incident involving loss of contents and shall be provided with a summary of shipping experience before the expiration date of the Special Permit.

10. EXPIRY DATE

This Special Permit shall remain in effect until March 31, 1989 and may be revoked by the Director of Operation at any time prior to this date.



Director of Operation
Rail Safety Branch

Issued at Hull, Quebec
this 18th day of November 1988.

Address all inquiries to:

Director of Operation
Rail Safety Branch
National Transportation Agency
25 Eddy Street, 14th Floor
Hull, P.Q.
K1A 0N9