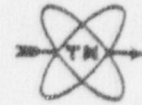


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December 19, 1978

EXPORT/IMPORT  
AND  
INTERNAT'L SFGRDS

Mr. N. Moore  
Nuclear Regulatory Commission  
Office of International Programs  
7735 Old Georgetown Road  
Bethesda, Maryland 20014

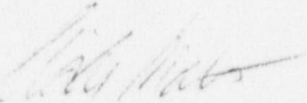
Re: Export License Application Number  
TN Reference: 78-302/01 (NUK-249)

Dear Mr. Moore:

Attached please find the Reactor checklist for the referenced application.

Thanking you in advance for your help and cooperation.

Sincerely,

  
Vicki Matson  
Traffic Coordinator

Enclosures: Reactor Checklist

cc: Mr. R. Delabarre  
Dept. of State  
Office of Nuclear and Energy  
Technology Affairs  
Room 7824A  
Washington, D.C. 20520

Mr. J. Dewar  
Dept. of Energy  
20 Massachusetts Avenue N.W.  
Mail Stop 5221  
Washington, D.C. 20545

VM/lp

7812280220

Date 21 novembre 1978

1. Name of Facility: BR2 - Reactor - S.C.K./C.E.N. - MOL - Belgium
2. Quantity of Uranium Requested (Kgs): 75 kg U-tot
3. Enrichment in the Isotope U-235 (%): 93%
4. Sale or Toll Enriching: Sale
5. Current Core Loading (Kgs of U-235): 13,0 kg
6. Current Power Level (MWth): 84 MW
7. Criticality and Full Operating Power Dates and Power Rating (if request involves new facility): \_\_\_\_\_
8. Name of Converter and Fabricator of Fuel: Converter NUKEM - HANAU - Germany  
Fabricator Fuel : 1/ NUKEM-Germany  
2/ CERCA - Romans sur Isère - France
9. Breakdown of Fuel Inventory (Kgs of U-235):
  - a. Amount of U-235 in Fabrication outside USA Including Scrap Allowances: 128,5 kg U-235
  - b. Amount of U-235 in Storage in Completed, Unirradiated Fuel Elements:  
61,6 kg U-235
  - c. Amount of U-235 in Core: 13,0 kg U-235
  - d. Amount of U-235 in Spent Fuel Storage within the Community Including Chemical Reprocessing Plants, and the Reprocessing Schedule for Such Material:  
133,8 kg U-235 of which <sup>+</sup> 68,5 kg will be reprocessed in 1979
  - e. Amount of U-235 Lost and/or Consumed During Operation of Above Facility:  
<sup>+</sup> 55 kg U-235
  - f. Amount of U-235 per Fuel Element: 0,400 kg U-235
  - g. Average Core Life: <sup>+</sup> 9 running weeks
  - h. Average Lead Time for Conversion and Fuel Fabrication if Conversion and Fabrication is to be Done Abroad:  
6 months after arrival of fuel in Converter Plant