ACC-P-150

TRANSNUCLEAR, INC.

March 6, 1979

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

Re: Export License Application Number XSNM-1444
TN Ref: 79-030/01 (NUK-264)

Dear Mr. Moore:

Attached is an adjusted Reaktor Checklist for your records.

Thanking you in advance for your help and cooperation.

Sincerely,

Vicki Matson
Assistant Manager
Washington Operations

Enclosure: One (1) adjusted Reaktor Checklist

VM/ak

CC: J. Marchal, Euratom W/encl
J. Dewar, U.S.D.O.E.w/encl
R. Delabarre, Dept. of State w/encl.

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CHECKLIST FOR USE IN REVIEW OF REQUESTS FOR HIGHLY ENRICHED URANIUM TO DETERMINE TECHNICAL AND ECONOMIC JUSTIFICATION

Date 08.01.1979

1. Name of Facility: FRM (Research Reactor Munich)
2. Quantity of Uranium Requested (Kgs): 14.0 kgs U
3. Enrichment in the Isotope U-235 (%): 93.3 %
4. Sale or Toll Enriching: Toll Enriching
5. Current Core Loading (Kgs of U-235): 5.3 kgs
6. Current Power Level (MWth): 4.0 MWth
7. Criticality and Full Operating Power Dates and Power Rating (if request involves new facility): n. a.
8. Name of Convertor and Fabricator of Fuel: NUKEM
9. Breakdown of Fuel Inventory (Kgs of U-235):
   a. Amount of U-235 in Fabrication outside USA Including Scrap Allowances: 0,150 kgs U-235
   b. Amount of U-235 in Storage in Completed, Unirradiated Fuel Elements: 11.3 kgs
   c. Amount of U-235 in Core: 5.3 kgs
   d. Amount of U-235 in Spent Fuel Storage within the Community Including Chemical Reprocessing Plants, and the Reprocessing Schedule for Such Material: 5.4 kgs
   e. Amount of U-235 Lost and/or Consumed During Operation of Above Facility:
   f. Amount of U-235 per Fuel Element: 230 g per Normal Element, 170 g per Control Elemer
   g. Average Core Life: 4 month
   h. Average Lead Time for Conversion and Fuel Fabrication if Conversion and Fabrication is to be Done Abroad: 9 months