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UNITED STATES DEPARTMENT OF COMMERCE
National Bureau of Standards
Washington, D.C. 20234

PDR

May 25, 1983

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Assistant Director for Export/Import
and International Safeguards
U. S. Nuclear Regulatory Commission
Washington, DC 20555

OFFICE OF
INTERNATIONAL
PROGRAMS

ESNM 83016
1100 3214

Dear Sir:

A license to import material as specified below is requested.

Applicant: National Bureau of Standards
Washington, DC 20234

Shipping Installation: CEN/SCK (Center for Nuclear Energy Studies)
Mol. Belgium

Supplier: The applicant is the original supplier. This shipment is
returning test specimens to NBS.

Destination and Use: The applicant will use these fissionable deposits for fission
rate measurements in standard neutron fields for testing nuclear
data and for performing certified-fluence irradiations.

First Shipment: Approximately May 25, 1983

Final Shipment: Single shipment only

Form: All deposits are solid oxides or fluorides. The deposits are
securely bonded to metal backings. Pu-239 and Pu-241 content of
nominal Pu-239 samples is greater than 99%. Pu-239 and Pu-241
content of nominal Pu-240 samples is less than 1.1%. U-233
isotopic purity exceeds 97%.

Quantity: Total Pu-239 mass is 0.0006 grams. Total Pu-240 mass is 0.00014
grams. Total Pu-241 mass is 0.5 micrograms. Total U-233 mass
is 0.00012 grams.

Mode of Transport: Surface Shipment

Origin of Nuclear Material: All material of U. S. origin.

For further information contact L. A. Slaback (921-2247).

Sincerely,

Lyman E. Pevey

Lyman E. Pevey
Chief, Occupational Health
and Safety Division

830-140290-830523
FOR EXPORT
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