

GENERAL ATOMIC COMPANY
P.O. BOX 81608
SAN DIEGO, CALIFORNIA 92138
(714) 455-3000

August 1, 1978

In Reply
Refer To: IEL-955

Mr. Gerald G. Oplinger, Assistant Director
Export/Import & International Safeguards
Office of International Programs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ACC
XCOM0097
11000271
The above license
number is
Just for
Components
See page 3
License No.
XSNM01361 for SNM

Subject: Application for export, replacement components for an existing
research reactor: Pavia, Italy.

Dear Mr. Oplinger:

General Atomic Company, a manufacturer of nuclear reactors, reactor instrumentation systems and reactor fuels has need to export component parts for a 250 Kw TRIGA reactor located at the University of Pavia at Pavia, Italy. The component parts, which include a SNM bearing fission chamber, are to be installed in the University's research reactor as part of its instrumentation improvement program.

The University's improvement program is attempting to replace existing vacuum tube and early generation discrete component semi-conductor technology with the more modern and reliable instrumentation available in today's market place. The current request is to upgrade the system's power level monitoring channels and inter channel logic circuitry. Attachment A lists the components to be exported under this license. Note that one component, a fission chamber, will contain ~ 1.5 gm U-235 in 1.7 gm fully enriched uranium.

General Atomic plans to ship these materials and components promptly upon receipt of the export license and the determination that appropriate mechanisms for payment and Italian import licenses are in place. The components are manufactured and awaiting packaging for shipment. The contract commitment requests shipment at the earliest opportunity considering that a timely issuance of the export license would be forthcoming.

Attachment B is the NRC-7 Form required for an application for SNM export license. No end use statement from the consignee has been requested to support this application.

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EXPORT/IMPORT
AND
INTERNAT'L SFGROS

Gerald G. Oplinger

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IEL-955

We look forward to your issuance of an appropriate export license having a validity of a period of 6 months so that we may arrange for the export no later than September 1978.

Very truly yours,

W. R. Mowry
William R. Mowry
Licensing Administrator
Nuclear Materials Control Division

WRM:hcs

Attachments:

- A. Electronic components involved
in the power level instrumenta-
tion system.
- B. Form NRC-7

ATTACHMENT A

Electronic Components Involved in the
Power Level Instrumentation System

- 1 Multirange linear Picoammeter mod. NMP-4
- 1 10-decade log channel mod. NLW 2
- 1 Shielded fission counter
- 1 High voltage power supply mod. HV-6
- 1 Period channel NR-4 with 1 Kw pulsing interlock
- 1 All solid state NV/NVT