



GENERAL ATOMIC

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Refer to: IEL-1081

EXPORT/IMPORT
AND
INTERNAT'L SFGROS

10 July 1979

Mr. Marvin Peterson, Acting Assistant Director
Export/Import & International Safeguards
Office of International Programs
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: XSNM01353 Request for Amendment

Reference: GAC Application letter IEL-950 dated 7/21/78.

Dear Mr. Peterson:

General Atomic Company, a manufacturer of nuclear reactors, instrumentation systems and fuels has need to export SNM contained in TRIGA fuel elements and fission chambers. We have been issued the subject license which expires 9/1/79 and have, thereunder, shipped materials. We herewith make application to amend the subject license to authorize export of additional materials and extend its expiration date.

The reactor fuels, contemplated for export under the amendment license will consist of standard or instrumented fuel elements and fueled follower control rods. All such elements or rods will have Uranium enriched in U-235 to less than 20%. The Uranium is contained in a UZrH alloy with U w/o ranging from approx. 8.5% to 20%. We contemplate shipment of 10 such reactor fuel elements or rods over the next 3 years.

In addition to the reactor fuel elements General Atomic may have need to export one to three fission chambers used to monitor reactor power levels. Typically each of these chambers have up to 1.7 gm U-235 in ~1.9 gm fully enriched (~93%) Uranium. Inclusion of these devices in this license amendment request is necessary since the commission has not fulfilled its pledge to issue a general license for export of such devices in limited quantity.

Attached is an application form (NRC-7) with the appropriate details to support a license amendment.

Amendment not to exceed 19.9% SW

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We request that the amended license have an expiration date of 9/1/82. We look forward to a timely receipt of the requested amendment and the promulgation of regulatory improvements e.g., general licenses for instrumentation detectors or deminimers quantities used in research and development.

Very truly yours,

William R Mowry

William R. Mowry
Licensing Administrator
Nuclear Materials Control Division

WRM/sb

attachment: NRC-7

714-455-2823

7-16-79 Applicant has agreed to processing of this request as a new application rather than an amendment to export license XSNM01353. B. L. Wright

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