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GENERAL ATOMIC

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

December 12, 1978

In Reply
Refer To: IEL-1004

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

Subject: Application for Export License; Additional Information.

Reference a: General Atomic Application (IEL-987) dated 9/29/78.

b: NRC Letter from Neal Moore dated 11/20/78.

Dear Mr. Oplinger:

General Atomic has requested, ref. a, an export license authorizing the export of artificial graphite unsuitable for use in our HTGR reactors but still qualifying as nuclear grade graphite. Your letter, ref. b, requests additional information on the test program for which the graphite will be used.

The graphite logs will undergo a series of routine physical and mechanical property tests to establish whole log material strengths. The logs will in part then be machined into a HTGR fuel element configuration for further mechanical property testing. In addition to the graphite's normal property testing, a test will be performed for sonic emissions. Such emissions are to be correlated with applied stresses. Such data is useful in reactor design verification.

We look forward to your issuance of the requested license without further delay.

Very truly yours,

William R. Mowry
Licensing Administrator
Nuclear Materials Control Division

WRM:hcs

cc: Joe Marchal
Delegation of the European Communities
2100 M St., N.W., Suite 707
Washington, D.C. 20037

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EXPORT
AND
INTERNATIONAL SAFEGUARDS

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