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NATIONAL RESEARCH CORPORATION

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CAMBRIDGE 42, MASSACHUSETTS

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TELE ADDRESS: NARESCO

ROBERT A. STAUFFER
VICE PRESIDENT
DIRECTOR OF RESEARCH

November 7, 1955

Division of Civilian Applications
U. S. Atomic Energy Commission
1901 Constitution Avenue
Washington 25, D. C.

Attention: Mr. Lyall Johnson, Chief
Licensing Controls Branch

Gentlemen:

In accordance with the provisions of the Atomic Energy Commission Regulation on the Control of Source Material, Part 40, we hereby apply for a license to receive, possess, process, and transfer compounds containing source material as defined in the Atomic Energy Act of 1954. Under this license we expect to receive refined thorium compounds for the purpose of processing to other thorium compounds and to thorium metal. It is our intention to sell these materials to other private companies and/or government agencies for further processing, for use in nuclear reactors, or for other applications.

We have been studying the production of thorium metals and thorium chemicals and are now in possession of A.E.C. License No. C-3251, as amended and extended, covering thorium oxide, code 112, in amounts up to 1,000 pounds.

Under the new license we will expect to receive, store, and use thorium chemicals for experimental and commercial purposes, and we will expect to manufacture, store, and sell thorium metal. For these purposes we expect to require source material in quantities up to 4,000 pounds per month of contained thorium.

We expect to be in limited production to meet customer requirements during 1956. We expect to sell an amount of metal equivalent to the amount of contained element purchased except for processing losses; that is, we do not expect to maintain an inventory of this source material beyond that required for normal experimental and commercial operations. B/12

Division of Civilian Applications
U. S. Atomic Energy Commission

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We look forward to your favorable consideration of this application.

Very truly yours,

Robert A. Stauffer
Robert A. Stauffer

RAS:MRG

COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss

Suscribed by and sworn to before me,
this 7th day of November, 1955,

Norma M. Ricci
Notary Public