

UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

447136

AUG 26 1955

Dear Mr. President:

On January 14, 1955, you approved an allocation of special nuclear material for research and development programs, including weapons tests, during the calendar year 1955. The quantity so allocated includes 100 kilograms of U-235, contained in uranium in an isotopic concentration of 20% or less, for distribution to foreign countries for small-scale reactors and other research purposes. On June 28, 1955, you approved an increase in the quantity available for foreign distribution to 200 kilograms of U-235 contained in uranium in an isotopic concentration of 20% or less.



Pursuant to the Agreement for Cooperation concerning Civil Uses of Atomic Energy between the United States and Canada, the Commission proposes to make available to Atomic Energy of Canada Limited certain U-235 alloy fuel rods for use in the NRX reactor. These rods will contain uranium highly enriched in U-235, and the total quantity of U-235 will be approximately 15 kilograms.

The NRX reactor is a high-flux research reactor. Its unique characteristics have made it invaluable in the conduct of experiments necessary to carry out AEC and AECL programs. The fuel rods are needed for operation of the reactor at desired levels for future experiments of interest to the United States and Canada. The rods will be leased to Canada and after their use in the research reactor will be returned to the United States. We are of the opinion that this quantity of material, transferred to Canada under these circumstances, is not of military significance.

Section 41.b. of the Atomic Energy Act of 1954 requires that the President determine in writing, at least once a year,

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the quantities of special nuclear material to be available for distribution to foreign countries. Since the quantities thus far approved by the President for foreign distribution do not include U-235 at the isotopic concentration required for the NKK reactor, it is recommended that you approve allocation of an additional 15 kilograms of U-235 for distribution to Atomic Energy of Canada Limited in the form of alloyed fuel rods for the NKK reactor.

Respectfully yours,

Chairman



The President
The White House

Approved:
