JUN 1 1965

DML:RLL
~~70-371~~ 70-820
SNM-777, Amendment No. 10

United Nuclear Corporation
Fuels Division
P. O. Box 1883
365 Winchester Avenue
New Haven, Connecticut 06508

Attention: Mr. D. F. Cronin
Director of Licensing

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 70, "Special Nuclear Material," Special Nuclear Material License No. SNM-777, dated November 25, 1964, is hereby amended to incorporate into your General Information and Procedures Manual Section 302.9, Destructive Distillation Unit, submitted by application dated March 31, 1965, and amended by application dated April 22, 1965, and Section 302.10, Uranium Scrap Containing Chlorine, submitted by application dated March 31, 1965, and amended by applications dated April 22 and May 6, 1965, in accordance with the procedures described in your application (NLS-141) dated March 31, 1965 and supplements dated April 22, 1965 (NLS-155) and May 6, 1965 (NLS-171), subject to the following conditions:

1. The maximum quantity of uranium-235 which may be introduced into the DDU retort (2-R-2) at any one time shall be 350 grams; and

2. Only one (1) container of scrap material may be introduced into the DDU retort (2-R-2) for any one furnacing operation.

All other conditions of this license shall remain the same.

Condition 2 above was included in this amendment because we do not believe the methods you proposed for controlling the U-235 content of the unsafe geometry DDU retort, namely, reliance or shipper's statements as to U-235 content of waste materials and/or visual inspection of waste materials for U-235, provide sufficient assurance that the total quantity of U-235 introduced into the retort will not exceed the safe quantity of 350 grams U-235. We will consider modification or deletion of this condition upon receipt of an application containing further nuclear safety justification or alternate controls.

C-111

In connection with our review to determine if Drawings E-7528, Rev. 2 and E-7533 should be withheld from public inspection we request information specifying why disclosure of these drawings is not required in the public interest.

FOR THE ATOMIC ENERGY COMMISSION

Donald A. Nussbaumer, Chief
Source and Special Nuclear Materials Branch
Division of Materials Licensing

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