

JUL 8 1963

USAEC, GERMANTOWN, MARYLAND
DONALD A. NUSSBAUMER, CHIEF
SOURCE AND SPECIAL NUCLEAR MATERIALS BRANCH
DIVISION OF LICENSING AND REGULATION

UNITED NUCLEAR CORPORATION
3600 NORTH SECOND STREET
ST. LOUIS 7, MISSOURI
ATTENTION: MR. L. J. SWALLOW
CHEMICALS DIVISION

LICENSE SNM-33 IS HEREBY AMENDED TO AUTHORIZE (1) MANUFACTURE OF URANIUM
DIOXIDE PELLETS HAVING U²³⁵ ENRICHMENTS GREATER THAN FIVE PERCENT IN ACCORDANCE
WITH APPLICATION DATED JANUARY 25, 1963, AND SUPPLEMENTS DATED JUNE 17 AND 27,
AND JULY 3, 1963; AND (2) THE USE OF HEAVY WATER (D₂O) IN THE PELLET PLANT IN
ACCORDANCE WITH APPLICATION DATED JUNE 7, 1963, AND SUPPLEMENTS DATED
JUNE 27 AND JULY 3, 1963. ALL OTHER CONDITIONS OF SNM-33 REMAIN THE SAME.
THE ENRICHMENT ALLOWANCE FACTOR PERMITTED BY FIGURE 21, TID-7016, REV 1 MAY BE
USED WITH FIGURE 1 (FULL REFLECTOR) AT ANY MODERATION. HOWEVER, THE CURVES
OF FIGURE 21 FOR VOLUME, CYLINDER AND SLAB SHOULD BE USED ONLY WITH TABLE 1,
TID-7016, REV 1. REFERENCE LR:DAN 70-36

yes!
RHS July 10, 1963

B-128