



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

R

DNL:ELL
70-35

SM-33, Amendment No. 4a

JAN 28 1969

DISTRIBUTION:

Document Room
State Health
Compliance, HQ (2)
H. J. McAlduff, OROO
R. Weber, SEM
R. Wischow, EAM
C. Luke, DNL:CB
N. Doulos, DML
Subject File
Br. & Div. Reading files

United Nuclear Corporation
Newatite, Missouri 63047

Attention: Mr. Louis J. Swallow, Manager
Nuclear and Industrial Safety
Commercial Products Division

Gentlemen:

Pursuant to Title 10, Code of Federal Regulations, Part 70, Special Nuclear Material License No. SM-33, dated April 21, 1965, is hereby amended to authorize the processing of enriched uranium materials in accordance with the application (NIS:LJS-59-32) dated January 14, 1969, except that in the event that the maximum enrichment for processing in the SWOP facility exceeds 2.6% U-235, the batch size limits for the Green Room shall be appropriately decreased.

All other conditions of this license shall remain the same.

In paragraph 302.4.3(a) on page 34 of 35, you state that an error in enrichment identification as well as double batching would have to occur before an unsafe condition would result. This is only true for any enrichments below 2.6% U-235. It is requested that this paragraph be revised to reflect this condition and that a revised page 34 of 35 be submitted to this office within 15 days from the date of this letter.

Your request that Drawing 49-403 be withheld from public disclosure pursuant to § 2.750 of 10 CFR 2, is still under review. We shall contact you when a final determination has been made regarding your request for withholding.

FOR THE ATOMIC ENERGY COMMISSION

Donald A. Mossbauer, Chief
Source & Special Nuclear
Materials Branch
Division of Material Licensing

JKR
5/21/69
COPY SENT REGION

JAN 28 1969

G-37

DOCKET NO. 70-36
UNITED NUCLEAR
CORPORATION

January 14, 1969

For Dir. of Compliance

HEMATITE, MISSOURI 63047
TELEPHONE 314-937-4691
314-436-2777
TWX 910-760-1760

Reply Refer to: NIS:LJS-69-32

Mr. Donald A. Nussbaumer, Chief
Source and Special Nuclear Materials Branch
Division of Material Licensing
United States Atomic Energy Commission
4915 St. Elmo Place
Bethesda, Maryland 20014

Subject: SNM-33, Docket 70-36, Green Room Process Area Revisions

Reference: (1) NIS:CP:LJS 23 dated 11/25/68
(2) NIS:CP:DGD 27 dated 12/13/68
(3) Telegram dated 12/20/68

Gentlemen:

The request for license amendment as originally submitted November 25, 1968 (Reference 1) is hereby revised. The details of the revised request are provided in the attached Subsection 302, pages 28 through 35, all dated 1/13/69 of Section 300. The information contained in references (2) and (3) has been included. These pages replace pages 28 through 34 dated 11/25/68.

Please note that the following pages included with reference (1) have not changed and are to be incorporated into this submittal: Figures 302.3-I, 302.3-II, 302.3-III all dated 11/25/68; figures 309-XIII and 309-XXI dated 10/31/68; and Interaction Calculations 302.4.7, pages 1 through 9 dated 11/25/68; and Drawing 49-408.

Please continue your expeditious review of this application.

Respectfully yours,



L. J. Swallow, Manager
Nuclear and Industrial Safety
Commercial Products Division

gm

cc: AEC 8 copies