



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

JUL 15 1968

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DNL:RL  
70-36  
SM-33, Amendment No. 43

United Nuclear Corporation  
Hematite, Missouri 65047

Attention: Mr. Louis J. Swallow  
Nuclear and Industrial Safety  
Manager  
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 Recycle Operations in Semi-Works Oxide Pellet Plant as described in your application dated June 7, 1968, and supplement dated July 3, 1968.

All other conditions of this license shall remain the same.

FOR THE ATOMIC ENERGY COMMISSION

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

DISTRIBUTION:

Supplement

Amendment Recs

Compliance, Regs - 2

State Health

H. J. McAlduff, ORCD

A. Weber, SM

H. Benlos, DNL

C. Luke, DNL

E. Wischow, MRS

Branch Reading File

Division Reading File

UNC Notebook - S. Root

copy to cc. III  
7-16-68 - RL

G-26

**UNITED NUCLEAR  
CORPORATION**

July 3, 1968

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

In reply refer to: NIS-CP-DGD-7

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

Subject: Recycle Operations, Semi-Works Oxide and Pellet Plant (SWOPP),  
Docket 70-36, SNM-33, Section 400, Subsection 401  
For Div of Compliance

Reference: (1.) NLS:DGD - 1819, dated June 7, 1968 ✓

Dear Mr. Nussbaumer:

In response to comments received by telephone conversation with Mr. R. L. Layfield of your office on June 26, 1968, attached please find eight copies of page 8c of Subsection 401 as issued 7-1-68. This revision more clearly defines the exhaust gas sampling frequency for our proposed incinerator operation submitted for your approval by Reference (1.).

Also enclosed find 8 copies of page 8a of Subsection 401 as issued 7-2-68. This is submitted only to revise the material hold up limit from 5% to 10% in the sifting unit described in Paragraph 4.5.3.

With regard to drawings 48-401 and 48-402 forwarded in support of the referenced license application, we have reviewed these plans and determined that their disclosure by public documentation would not be inimical to the interests of United Nuclear Corporation. Therefore, please delete the proprietary statements on these drawings.

Your continued consideration of the SWOPP Recycle Operations application is respectfully requested.

Very truly yours,



Louis J. Swallow  
Nuclear and Industrial Safety Manager  
Commercial Products Division

L. J. Swallow:rmh  
cc: R. E. Kropp

IS/RR 7/9/68  
BGY 7/9/68

UNITED NUCLEAR  
C O R P O R A T I O N

In Reply Refer to: NLS:DGD-1819

P. O. BOX 1883  
365 WINCHESTER AVENUE  
NEW HAVEN, CONN. 06508  
777-5361

June 7, 1968

Mr. Donald A. Nussbaumer, Chief  
Source & Special Nuclear Materials Branch  
Division of Materials Licensing  
U. S. Atomic Energy Commission  
4915 St. Elmo Place  
Bethesda, Maryland 20014

For Div. of Compliance

SUBJECT: Recycle Operations, Semi-Works Oxide Pellet Plant (SWOPP),  
Docket ~~70-820~~ SNM-33, Section 400, Subsection 401

REFERENCE: (1) NLS:REK-1701 dated 3/25/68

Dear Mr. Nussbaumer:

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Fairfield (Dm)  
Payo type

Attached are eight sets of revised pages describing the Recycle Operations to be performed in our SWOPP. These pages replace page 8 of our application transmitted by reference (1). Included with the revised and new pages are two solid angle calculations.

Your early consideration of this application is respectfully requested.

Very truly yours,

D. F. Cronin  
D. F. Cronin

REK/BM

Attachment

