



UNITED NUCLEAR CORPORATION

December 31, 1964

File Copy

NLS-54

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

U.S. ATOMIC ENERGY COMMISSION REGULATORY MAIL SECTION

JAN 4 1965 11 21

RECEIVED

Mr. Donald A. Nussbaumer, Chief Source and Special Nuclear Materials Branch Division of Materials Licensing U. S. Atomic Energy Commission Washington, D. C. 20545

Dear Mr. Nussbaumer:

The following items were not clearly indicated on the sketch attached to our proposed amendment:

- 1. Valves are installed in the suction end output lines to the pump and from the funnel to the main inlet line as well as the line leading from the base of the 3 columns. In addition a valve is located in the discharge line at the top of each column at the point of discharge.
2. The physical barriers between each working position in the hood maintain a minimum of 24" center to center between each funnel and are described as follows:

Each funnel position is enclosed using sheets of stainless steel 2' high by 32" long welded solid across the bottom from front to back of the hood. The edges of these sheets abut the clear solid plastic sheet which encloses the entire face of the hood. Approximately 6" dia. ports have been cut in the plastic face to allow for operation of the valves. Openings 12" X 24" have been cut for each filter position and a removable section in front of the Ertel filter approximately 20" x 24" for servicing the filter. In normal operation this section is bolted in place with stainless steel bolts.

- 3. To permit unrestricted flow in case of a spill from one baffled area to another openings have been provided 1/2" from the floor of the hood in each stainless steel set equivalent to 1 square inch of drainage area.
4. In addition, between the filter and hot plate positions a stainless steel pyramid has been placed. This pyramid has a base 25" wide to insure that no other material may be placed on this shelf. At each funnel position there is a 12" square base in which to place the funnel with sloping sheets of plastic (Kel-F or equivalent) placed fore and aft to prevent introduction of

Copy supplied... 1/15/65-RRR Luke

C-81

ACKNOWLEDGED 1

NLS-54

any other containers.

5. Please note that storage pipe 1-D43 indicated on the drawing Page 10D, Section 300, is 5" I.D. stainless steel pipe.

These items were inadvertently omitted on the original application for Amendment # 5 to SNM-777.

Very truly yours,



D. F. Cronin
Director of Licensing

DFC:tc