70-825

COLLECT

FEB 27 1964

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

UNITED NUCLEAR CORPORATION
CHEMICALS DIVISION
ROUTE 21-A
HERCULITE, MISSOURI

ATTENTION: MR. R. W. SHEARER

THIS CONFIRMS TELECON ON FEBRUARY 26, 1964. REQUIRE FOLLOWING INFORMATION CONCERNING APPLICATION FOR SNM LICENSE AT RHODE ISLAND.

1. THE DIMENSIONS OF THE FLASH TANK SHOWN AT POSITION A-5 DRAWING A-903.

2. WITH TWO VALVES IN THE LINES LEADING FROM FILTRATE RECIRCULATION PUMP (1-P-17), DWG. A-905, IT APPEARS CREDIBLE THAT CONCENTRATED LIQUOR MAY BE PUMPED INADVERTENTLY TO THE WASTE TREATMENT TANKS, OR THAT CONCENTRATED SOLUTION MAY DRAIN THROUGH TWO VALVES FROM THE DK LIQUOR HOLD TANKS TO THE WASTE TREATMENT TANKS. PLEASE DELINEATE YOUR PROCEDURES FOR CONTROLLING THESE PROBLEMS.

3. DESCRIPTION OF EQUIPMENT FEATURES AND OTHER CONTROLS WHICH WILL PREVENT URANIUM SOLUTION BACKING UP INTO THE AIR & STEAM LINES AND ENTERING THE BOILER, AIR RECEIVERS OR OTHER UNSAFE GEOMETRY CONTAINERS IN THE EVENT OF EITHER STEAM OR AIR PRESSURE FAILURE.

4. WHAT ARE THE SIZES OF THE VARIOUS LINE FILTERS LABELED F1 ON YOUR DRAWINGS.

5. ON DRAWING A-904, SHOULD NOT LINE 1" AND ENTERING SCRUB SOLUTION TANK (1-D-3)

B-165

FEB 27 1964

L INE 1/2" LA-4 BE LABELED "FROM PUMPS (1-P-2A & B)" INSTEAD OF (1-2A & B?

THE FIRST QUESTION RELATES DIRECTLY TO NUCLEAR SAFETY.

6. IN ADDITION TO WATER AND ACID LINES ENTERING THE STRIP ACID TANKS (1-D-6A & B) WHAT OTHER MATERIAL MAY ENTER THESE TANKS FROM THE HOSE LINES. DWG. A-904 IS NOT CLEAR ON THIS POINT. REFERENCE: DLRIRLL # 70-820

DISTRIBUTION:

Doc. Rm.
Compliance (2)
Br. & Div. rfs
Suppl.
C EB
R. Layfield