



## UNITED STATES RADIUM CORPORATION

4150 OLD BERWICK ROAD / BLOOMSBURG, PENNSYLVANIA 17815 / (717) 784-3510

June 27, 1973

Isotopes Branch  
Division of Material Licensing  
U. S. Atomic Energy Commission  
Washington, D.C. 20545

Reference: License 37-00030-08

Gentlemen:

Attached is a plan view of a proposed new Liquid Effluent Treatment Facility for use under the above referenced license. The original facility, a below-grade structure, was extensively damaged during the flood of June, 1972.

The new facility is a modular clear-span, steel building set on a concrete pad. (This is the same construction as the Nuclear Production Facility in use under the same license.) In order to conform to the requirements of the Pennsylvania Department of Environmental Resources, the discharge point, treatment methods, and principal equipment remain the same. The holding tanks, evaporator, condenser, and heat exchanger from the original structure were salvaged and will be overhauled as necessary. The same general location of apparatus will be used. The only significant change is the addition of pump pits in the one corner of the structure to accommodate incoming effluents. These pits were not necessary in the earlier facility because the holding tanks were located below grade.

The construction of the new facility is being done as corrective action to prevent a reoccurrence of the release of radioactive materials that occurred during the flood of June, 1972. The new building will be above the water levels reached in that flood.

Respectfully yours,

UNITED STATES RADIUM CORPORATION

J. David McGraw  
Radiation Safety Officer

JDMcG:cbs  
Encl.

**COPIES**  
**SENT TO COMPLIANCE**

88064