

Donald A. Nussbaumer, Chief
Source & Special Nuclear Materials Branch, DML

May 13, 1965

Charles D. Luke, Chief
Criticality Branch, DML

UNITED NUCLEAR CORPORATION, WOOD RIVER JUNCTION, RHODE ISLAND - RETORT
2-R-2 AND OFF-GAS SCRUBBER 2-F-4, DOCKET NO. 70-820, MAY 6, 1965

REFERENCE: Memo, Luke to Nussbaumer, dtd 4/28/65

SYMBOL: DML:RHO

UNC has submitted revised plans concerning the nuclear safety of the Retort 2-R-2. Also, they have submitted additional information concerning their plans to dispose of solids collected in the Off-Gas Scrubber 2-F-4.

In order to continue our review of the subject license amendment application, we recommend the following be sent to the applicant:

"We do not believe your plans, which include charging 350 g U-235 of scrap material based upon visual inspection and/or shipper's analysis, are sufficient to insure nuclear safety of the unsafe geometry Retort 2-R-2. Therefore, please submit your plans to independently determine the U-235 content of the scrap material or alternate plans which do not depend primarily on visual inspection and/or the shipper's estimate of the U-235 content."

OFFICE ▶	DML	DML				
SURNAME ▶	<i>R. H. Odegaard</i> Odegaard:bar	<i>CD Luke</i> CDLuke				
DATE ▶	5/13/65	5/13/65				