

UNITED STATES GOVERNMENT

Memorandum

TO : Eber R. Price, Assistant Director, DL&R DATE: MAR 5 1964
THRU: Lyall E. Johnson
Assistant Director for Materials Licensing, DL&R
FROM : Donald A. Nussbaumer, Chief
Source and Special Nuclear Materials Branch
Division of Licensing and Regulation
SUBJECT: UNITED NUCLEAR CORPORATION, SCRAP RECOVERY PLANT, WOOD RIVER
JUNCTION, RHODE ISLAND - DOCKET NO. 70-820 - REQUEST FOR
WITHHOLDING PURSUANT TO 10 CFR 2.790(b).

DLR:RLL

In connection with the application dated November 27, 1963, the subject applicant submitted drawings, sketches and calculations which he has requested to be withheld from public disclosure. These drawings and calculations provide information for the establishment of maximum batch sizes and detailed technical equipment designs and equipment layout. The applicant has requested that these drawings, sketches and calculations be withheld from public disclosure because they are directly related to production costs and they reveal operational capacity and technological information in such detail that their release would place the applicant at a disadvantage with his competitors and also would give competitors the opportunity of benefiting from research and experimental tests conducted by UNC.

Since the work in this field is highly competitive, such information relating to production costs and detailed equipment description and layout would be extremely useful to competitors in either evaluating UNC recovery capabilities or in the reassessment of limits and/or equipment within their own facilities.

The application contains adequate information to evaluate the health and safety aspects of this application irrespective of these drawings, sketches and calculations.

In view of the foregoing, we believe that public inspection of these drawings, sketches and calculations are not required in the public interest and could adversely affect the interest of the applicant, and recommend that the drawings and calculations listed below be withheld from public disclosure pursuant to 10 CFR 2.810(b).

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1. Drawings

- A-902 Head Ends Flow Sheet
- A-904 Extraction and Precipitation
- A-905 Filtration and Finishing
- A-602 Equipment Layout Plant - Sheet 2 (including its use in Appendix 1A)
- A-603 Equipment Layout - Sections & Elevations
- A-706 Miscellaneous Equipment Details

2. Section 1, Nuclear Safety Solid Angle and Related Calculations in Appendix 1.

3. Sketches RM-2, RM-3, RM-4, RM-5 and RM-6 in Appendix 1A

- A-701 Dissolver - Assembly and Details
- A-707 Lined Dissolver - Assembly (1-J-1)
- A-705 Hood Details - Sheet No. 1
- A-709 Hood Details - Sheet No. 2
- A-710 Hood Details - Sheet No. 3

Approved: _____

Eber R. Price
Assistant Director
Division of Licensing and Regulation