

## LITERATURE ACCESS CATEGORIES

HANFORD CATEGORY C-65

DOCUMENT NO.

ARH-1796 PT. 2

SERIES AND COPY NO.

(CLASSIFICATION)

PROJECT

Atlantic Richfield Hanford Company  
Richland, Washington 99352

ISSUING FILE

TITLE AND AUTHOR

DATE

August 12, 1970

CIRCULATING COPY

RECEIVED

SEP 10 1970

RETURN TO ARHCO  
DOCUMENT CONTROL  
271-U Bldg., 200 WestCHEMICAL FLOWSHEET FOR THE PUREX PLANT  
SECOND (2B COLUMN) AND THIRD PLUTONIUM  
SOLVENT EXTRACTION CYCLES

R. L. Walser

THIS DOCUMENT MUST NOT BE LEFT UNATTENDED OR WHERE AN UNAUTHORIZED PERSON MAY HAVE ACCESS TO IT. WHEN NOT IN USE, IT MUST BE STORED IN AN APPROVED LOCKED REPOSITORY WITHIN AN APPROVED GUARDED AREA. WHILE IT IS IN YOUR POSSESSION AND UNTIL YOU HAVE RETURNED IT TO YOUR CLASSIFIED DOCUMENT RESPONSIBILITY STATION, IT IS YOUR RESPONSIBILITY TO KEEP IT AND ITS CONTENTS WITHIN THE LIMITS OF THE PROJECT AND FROM ANY UNAUTHORIZED PERSON. ITS TRANSMITTAL TO, AND STORAGE AT YOUR PLACE OF RESIDENCE IS PROHIBITED. IT IS REPRODUCED ONLY IN ACCORDANCE WITH EXISTING SECURITY REGULATIONS. ALL PERSONS RECEIVING THIS DOCUMENT ARE REQUESTED TO SIGN IN THE SPACE BELOW.

ROUTE TO:

PAYROLL NO.

LOCATION

FILES ROUTE  
DATE

SIGNATURE AND DATE

*J. D. Buckingham* 60843 222-S SEP 10 1970 *J. D. Buckingham* 9/10/70

INSPECTED BY

Reviewed and Approved for  
Public Release by the NSAT*J. D. Buckingham* PNNL ADD  
3/19/03 Date*J. D. Buckingham* 3/19/03  
NAME DATE  
PNNL NSATWESTINGHOUSE HANFORD COMPANY  
DECLASSIFICATION REVIEW

1ST REVIEW - DATE 12-6-95

AUTHORITY ☒ ADC ☐ ADDNAME: *W. L. Walser*

2ND REVIEW - DATE 12/8/95

AUTHORITY ☐ ADC ☐ ADDNAME: *W. L. Walser* WNC COClassification reviewed for de-  
classification status unchangedby *A. E. Burton (JH)*

Date 1-4-94

DECLASSIFIED

DECLASSIFIED

ARH-1796 PT. 2  
Page 1

This document consists of  
3 pages. Copy No. [redacted]  
of [redacted] copies. Series [redacted]

CHEMICAL FLOWSHEET FOR THE PUREX PLANT  
SECOND (2B COLUMN) AND THIRD PLUTONIUM  
SOLVENT EXTRACTION CYCLES

August 12, 1970

R. L. Walser

Separations Process Engineering  
Operations Support Engineering  
Chemical Processing Division

Distribution:

1. PE Alley	10. GL Gurwell	19. RA Pease
2. JD Anderson	11. DG Harlow	20. GL Ritter
3. DC Ashbaugh	12. WM Harty	21. RC Roal
4. SJ Beard	13. KH Henry	22. WW Schulz
5. OF Beaulieu	14. RR Jackson	23. RE Van der Cook
6. GE Benedict	15. HM Jones	24. RL Walser
7. JS Buckingham	16. CW Malody	25. RA Yoder
8. MH Campbell	17. WE Matheison	26. Central Files
9. RC Forsman	18. GA Nicholson	27-28. ARHCO Files
		29-33. Extras

Work performed under Contract AT(45-1)-2130 between the  
Atomic Energy Commission and Atlantic Richfield Hanford Company

ATLANTIC RICHFIELD HANFORD COMPANY  
RICHLAND, WASHINGTON

DECLASSIFIED

**DECLASSIFIED**

ARH-1796 PT. 2  
Page 2

~~EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION~~

CHEMICAL FLOWSHEET FOR THE PUREX PLANT  
SECOND (2B COLUMN) AND THIRD PLUTONIUM  
SOLVENT EXTRACTION CYCLES

This document contains only the attached classified flowsheet figure.  
See Part 1 for a discussion of the flowsheet.

Prepared By: R. L. Walen

Date: 8/13/70

Approved By: G. L. Ritter  
Manager

Date: 8-17-70

Separations Process Engineering

**DECLASSIFIED**

~~EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION~~

FLWSHEET FOR THE PUREX PLANT  
(2B COLUMN) AND THIRD PLUTONIUM  
SOLVENT EXTRACTION CYCLES

Page 3

