1. Title TRANSFER NUHT TO CONCENTRATE WASTE TANK

2. Purpose (include purpose of SOP) PROVIDE INSTRUCTIONS TO TRANSFER NUHT TO CONCENTRATE WASTE TANK.

3. Attach procedure to this form written according to the following format.

   A. Limitations and Precautions
      1. Nuclear Safety
      2. Environmental Safety
      3. Personnel Safety
      4. Equipment Protection

   B. Prerequisites

   C. Procedure

   Attached

4. Generated by ___________________________ Date 4/9/79

5. Duration of SOP - Shall be no longer than 90 days from the effective date of the SOP or (a) or (b) below - whichever occurs first.

   (a) SOP will be cancelled by incorporation into existing or new permanent procedure submitted by ____________
   (b) SOP is not valid after ____________

   (List in circumstances which will result in SOP being cancelled)

6. (a) Is the procedure Nuclear Safety Related?

   If "yes", complete Nuclear Safety Evaluation. (Side 2 of this Form) Yes ☐ No ☐

   (b) Does the procedure affect Environmental Protection?

   If "yes", complete Environmental Evaluation. (Side 2 of this Form) Yes ☐ No ☐

   (c) Does the procedure affect radiation exposure to personnel?

   Yes ☐ No ☐

   NOTE: If all answers are "no", the change may be approved by the Shift Supervisor. If any questions are answered "yes", the change must be approved by the Station Superintendent/Unit Superintendent.

7. Review and Approval

   Approved - Shift Supervisor ____________ Date 4-9-79

   Reviewed - List members of PURG contacted ____________ Date 4-9-79

   ALARA Findings ____________ Date 4-5-79

   NCR ____________ Date 4-9-79

   Approved-Station Superintendent/Unit Superintendent ____________ Date 4-9-79

8. SOP is Cancelled

   ___________________________ Date 3-2-78

   ___________________________ Date 4-7-78
A. Limits & Precautions

1. Nuclear Safety - N/A
2. Environmental Safety - N/A
3. Personnel Safety - Comply with RWP
4. Equipment Protection
   a. Monitor tank levels during transfer (record initial and final levels.)
   b. Isolate the vent headers and nitrogen service from the evap.
   c. Do not operate the evaporator pumps for an extended period greater than 30sec without an open flow path.
   d. Monitor tank levels during the transfer
B. Prerequisites

1. Obtain Unit Superintendent Approval
2. Notify NRC/NEH
3. Establish communications between the radwaste panel and the evaporator control station
4. Complete the portion of the evaporator procedure providing electric supply to the evaporator and its controls.
5. Verify that at least one feed pump is operational by recirculating a small quantity of the feed tank contents through the eductor.
6. Place all of the valve indicator controllers in manual and manually with thumb wheel close the valves or verify closed.
7. Verify other transfers do not interfere with this transfer.
8. The internals are removed from WD (-U 1067).
1. Establish normal recirculation of the Misc Waste Holdup Tank.
2. Record the initial levels of the MWST and CWST.
3. Perform the following valve line-up

   Close WDL U 264 A(B)
   Open WDL U 264 A(B) ————
   Close WDL V 433 ————
   Open WDL V 371 ————
   Close WDL V 370 ————
   Close WDL V 251 ————
   Open WDL V 915 ————
   Open WDL V 372 ————
   Open WDL V 1168 ————
   Open WDL V 1169 ————
   Close WDL U 41 ————
   Open WDL U 1170 ————
   Open WDL U 138 ————
   Open WDL U 44 ————
   Open WPS U 109 ————
   Open WDS U 3 ————

4. Place the Evaporator Feed Tank Level Controller LIC 23 at 24 inch and place in the auto mode.

5. Place the concentrates flow indicator controller LIC 86 in manual and open the valve 100% with the thumb wheel.
6. When the feed tank level begins to rise start the feed pump (A or B) and concentrates removal pump.


8. Monitor level change in the Unit 2 CWST.

9. When the tank is at or below 11.5 feet stop the process by:
   1. Closing LIC 66
   2. Stopping the feed and concentrates pumps
   3. Closing LIC 423

9. Record final levels of MWHT and CWST.

10. Follow up line up:

   Close WDS U 3
   Close WDS U 169
   Close WDC U 44
   Close WDC U 1170
   Close WDC U 1169
   Close WDC U 1168
   Close WD U 433
   Close WD U 264 A(B)

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II. Stop recirc at direction of Shift Foreman

DATA: INITIAL TANK LEVELS

<table>
<thead>
<tr>
<th>MWHT</th>
<th>FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWSJ</td>
<td>FT</td>
</tr>
</tbody>
</table>

FINAL TANK LEVELS

<table>
<thead>
<tr>
<th>MWHT</th>
<th>FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWSJ</td>
<td>FT</td>
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</tbody>
</table>

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