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**PUREX PROCESS FLOWSHEET NO. 3 IN TERMS OF
PILOT PLANT FLOWS**

By
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December 31, 1951

Oak Ridge National Lab.
Oak Ridge, Tennessee

UNITED STATES ATOMIC ENERGY COMMISSION
Technical Information Service, Oak Ridge, Tennessee

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PUREX PROCESS FLOWSHEET NO. 3

Second Cycle Uranium

Basis: IAF Volume = 100, continuous processing.

441-3

7-147

LEGEND

1. Volume (IAF=100)
2. Density
4. Plutonium Concentration (g/l)
5. HNO₃ Concentration (M)
6. NaNO₂ Concentration (M)
7. Fe(NH₂SO₃)₂ Concentration (M)
8. Volume Percent TBP in Amsco
9. NH₂OH · 1/2 H₂SO₄ (M)

PUREX PROCESS FLOWSHEET NO. 3
 Second Plutonium Cycle
 Basis: IAF Volume= 100, continuous processing