

DOE/ID/13441

Control of the Accumulation of Non-Process Elements in Pulp Mills with Bleach Filtrate Reuse: A Chemical Equilibrium Approach to Predicting the Partitioning of Metals In Pulp Mill and Bleach Plant Streams

Final Report – 07/24/1996 – 06/30/2000

**W. J. Frederick, Jr.
A. W. Rudie
G. W. Schmidl
S. A. Siquefield
G. L. Rorrer
M. L. Laver
W. Yantasee
D. Ming**

August 2000

Work Performed Under Contract No. DE-FC07-96ID13441

**For
U.S. Department of Energy
Assistant Secretary for
Energy Efficiency and Renewable Energy
Washington, DC**

**By
Oregon State University
Corvallis, OR**

**The Institute of Paper Science and Technology
Atlanta, GA**

PROCESSED FROM BEST AVAILABLE COPY