

SUMMARY OF RE-ENGINEERING & VALUE ENGINEERING SUCCESS

**STUDIES FACILITATED BY: BRUCE LENZER, CVS
FROM: 12/94 - 02/96**

CANISTER STORAGE BUILDING FOR SPENT NUCLEAR FUELS:

**Implemented Savings: \$60,000,000.00
ROI: 1000:1**

RESULTS ACHIEVED:

Eliminate need for new site
Accelerated Schedule for estimated completion of project

RESOURCE CONSERVATION RECOVERY ACT (RCRA) OPERATIONAL SAMPLING, MONITORING AND ANALYSIS:

**Implemented Savings: \$10,000,000.00
ROI: 333:1**

RESULTS ACHIEVED:

Reduced redundancies in sampling and analytical processes
Improved coordination
Maximized functions to reduce trips to wells
Maximized scheduling
Reduced hard copy reports
Combined forms & improved data quality

SOLID WASTE INFORMATION TRACKING SYSTEM (SWITS):

**Potential Savings: \$16,000,000.00
ROI: 284:1**

RESULTS:

Eliminated hard copy reports

INTEGRATED ENGINEERING & DESIGN PROCESS, STANDARDS, & PROCEDURES:

**Potential Savings: \$ 87,450,000.00
ROI: 175:1**

RESULTS:

Consolidated multiple manuals of practice
Consolidated glossary of terms
Computerized process, procedures, and training
Implemented Design Authority, Design Agent functions
Simplified functions and process
Streamline approval process
Instituted participative management practice
Implemented proactive lessons learned feedback mechanism