Center for Chemical Reactors

A. Lamont Tyler/University of Utah/SLC, Utah

Overview		Technologies	Status	Economic Impact
Current State Contract	--	*Development of fluid-bed technology for catalytic reactions	*Proposals to apply technology to the retorting of oil shale have been submitted to federal agencies	*Projected royalty income from low-profile fluid-bed catalytic cracker exceeds $2 billion for the first 15 years
Matching Funds	$391,652	*Biological leaching technology for recovery of gold from refractory ores	*Biological leaching of refractory gold ores is supported by two Utah firms: Kennecott and EIMCO	*Shale oil retorting and recovery of gold from refractory ores is substantial
Cumulative	$664,500		*Start up and operational testing of the low profile fluid-bed catalytic cracker begins in November, 1990	*Untapped market in providing economic fluid-bed catalytic cracking capacity to small refineries
Industry Jobs Created	--			
Center Related Jobs	8			
Benefiting Utah Companies Process Innovators, Inc. Kennecott EIMCO Western Zirconium - a subsidiary of Westinghouse Corp.				
Patents Applied	--			
Patents Issued	--			
License Agreements	--			