7.28 Assessment of an Electronic Beam Precharger for High Resistivity Ash Removal

Objective: Information will be collected concerning technical processes for high resistivity ash removal to enable the private sector to develop appropriate technology for use of high resistivity ash coal. Reduction of certain ashes which are known to catalyze SO_2 to SO_4 will have the added benefit of reducing acie rain levels.

Approach: The primary thrust of this effort is the advancement of emissions control technology, supporting private sector efforts towards increased coal utilization. DOE does not conduct any R & D aimed specifically at acid rain abatement; however, this project is important to the National Acid Rain Assessment Program because of the secondary (or indirect) benefits - in acid rain reduction - which result from improvement in emissions control. The project is a labe experiment designed to gain data on capture of fly ash using E-Beams as initial ionizers.

Resources ($1000's):

FY81	FY82	FY83
0	100	100

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