TABLE E-3
HAZARDOUS WASTE STREAMS

GEYSERS GEOTHERMAL POWER PLANT

Stream	Source	Composition	Quantity in 1997, tons	Disposal	% of total
Filter Press Sludge	Cooling towers, particularly from units with iron/ peroxide/ caustic H_2S abatement.	Primarily elemental sulfur with traces of arsenic and mercury.	490	Class I site	16.3
Sulfur sludge from tank bottoms	Tanks for units with Stretford H_2S abatement systems.	Primarily elemental sulfur with traces of arsenic, mercury and vanadium.	1821	Class I site	60.7
Debris geothermal	Generated from many operations, particularly process equipment maintenance and cooling tower overhauls.	Cooling tower material (packing, hangers, support beams, and louvers), oily rags and debris, plastics, metal scrap, and miscellaneous debris.	165	Class I site	5.5
Sand contaminated with metals	Sandblast of cooling towers and turbines.	Sandblast grit with trace metals such as arsenic and mercury.	132	Class I site	4.4
Oily Liquids	Change out of lubricating oil used in turbine equipment and in vehicles.	Petroleum oil fractions.	80	Oil Recycler	2.7
Sulfur sludge, non-hazardous	Co-product generated from operation of Stretford H_2S abatement systems.	Sulfur.	310	Class II site Non-hazardous	10.3
Totals			2998		99.9

SOURCE: Camp, Dresser & McKee, 1997d