



## FX-III JET SET is Utilized to Achieve Soil Stabilization in P S E & G Sub-Stations at Newport, Hudson, North Ave, & Hoboken



Steel oil lines were sinking through soft uncompacted fill and creating stress on the steel pipe connectors attached to above ground oil feeder pipes.



Based on soils analysis of the areas, 3/4 inch steel pipes are driven to a depth of 21 feet to reach dense gray clay. The pipes are spaced on staggered 4 foot centers along both sides of oil pipes.



FX-III Jet Set is pumped through the pipes using specially designed air pumps. The FX-III Jet Set will increase in volume  $\pm$  6 times when activated by water.



The steel pipes are pulled out of the ground at various intervals and FX-III Jet Set is pumped until the pipes are  $\pm$  4 feet below oil lines.