Mitsubishi Family of Companies
&
MEPPI Introduction

MITSUBISHI ELECTRIC
POWER PRODUCTS, INC.

Mitsubishi Family of Companies Overview

- Over 40 Companies
  - Mitsubishi established in 1921
  - Mitsubishi headquarters dissolved in 1945
  - Each Mitsubishi company is a separate entity and operates independently
- Largest Mitsubishi Companies
  - Mitsubishi Heavy Industries (MHI)
  - Mitsubishi Electric Corporation (MELCO)
  - Mitsubishi Corporation (MC) – Trading
  - Mitsubishi Motors Corporation (MMC)
  - Bank of Tokyo – Mitsubishi UFJ (MUFG)
  - Nikon Corporation – Cameras & Optical

MELCO North America Operations

- Mitsubishi Electric US Holdings
  - Mitsubishi Electric & Electronics USA (MEUS)
  - Mitsubishi Digital Electronics USA (MDEA)
  - Mitsubishi Electric Automation (MEAU)
  - Mitsubishi Electric Automotive America (MEAA)
  - Mitsubishi Electric Research Laboratories (MERL)
  - Mitsubishi Electric Power Products (MEPPI)
- Mitsubishi Electric America Foundation
- Mitsubishi Electric Finance America

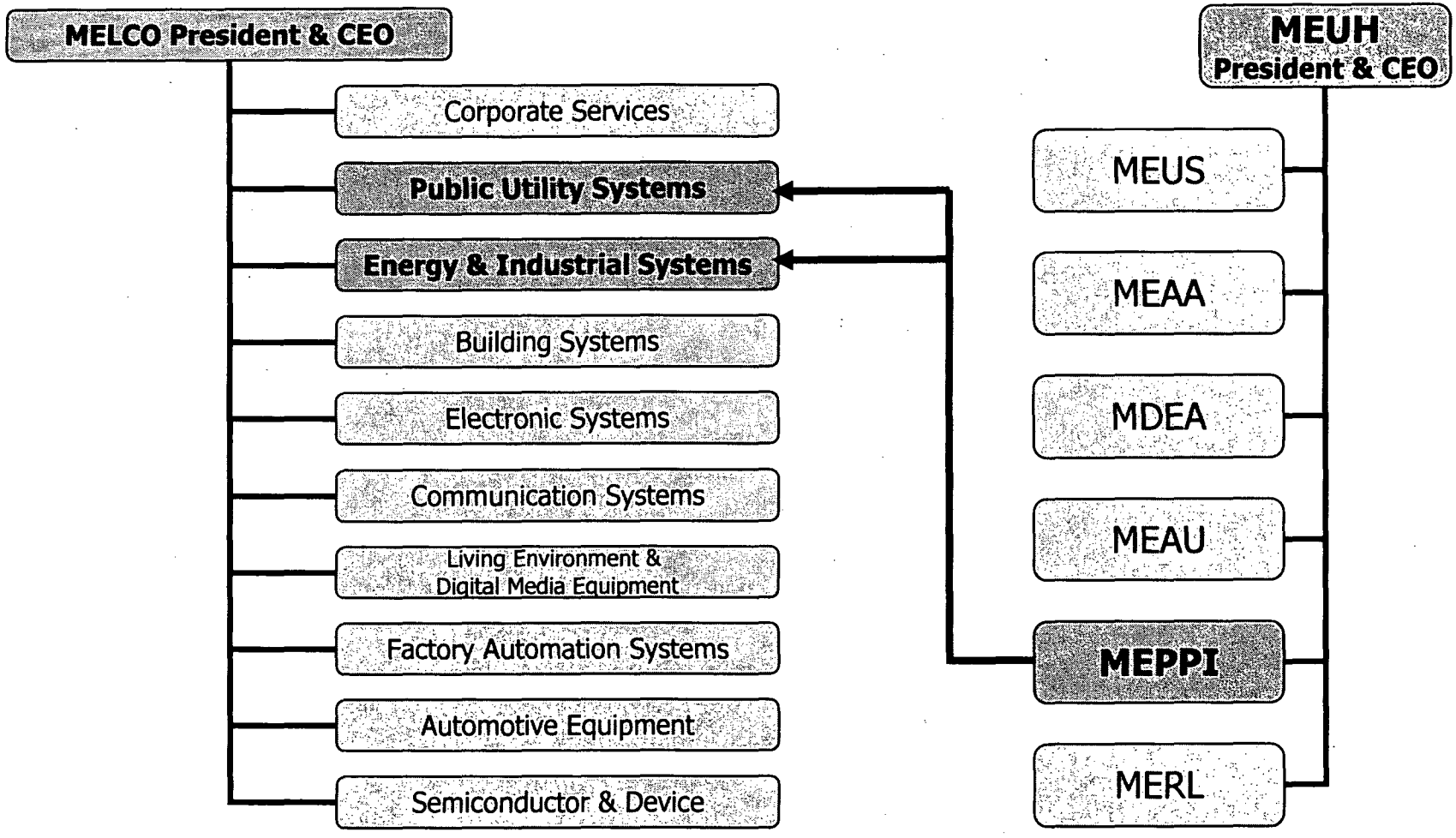
Mitsubishi Electric Power Products, Inc (MEPPI) History

- WM Power Products, Inc - Originally formed and incorporated in December 1985 as a 50/50 joint venture between Westinghouse and MELCO
  - MELCO (a Westinghouse licensee) continued to design and manufacture electrical equipment that Westinghouse discontinued
- MELCO bought out Westinghouse share in February 1989
  - Became MEPPI, a wholly owned subsidiary of MELCO
  - However, MELCO continued to work through Westinghouse as an OEM for nuclear products in the USA and other Westinghouse nuclear power plants
- Changing US nuclear scene has changed commercial strategy of Mitsubishi nuclear companies (MHI & MELCO)
  - Mitsubishi nuclear companies are entering the USA market independent of Westinghouse
    - Mitsubishi Nuclear Energy Systems, Inc (MNES) is wholly owned subsidiary of MHI
    - Mitsubishi Electric Power Products, Inc (MEPPI) is wholly owned subsidiary of MELCO

Mitsubishi Electric Power Products, Inc (MEPPI) Products and Functions

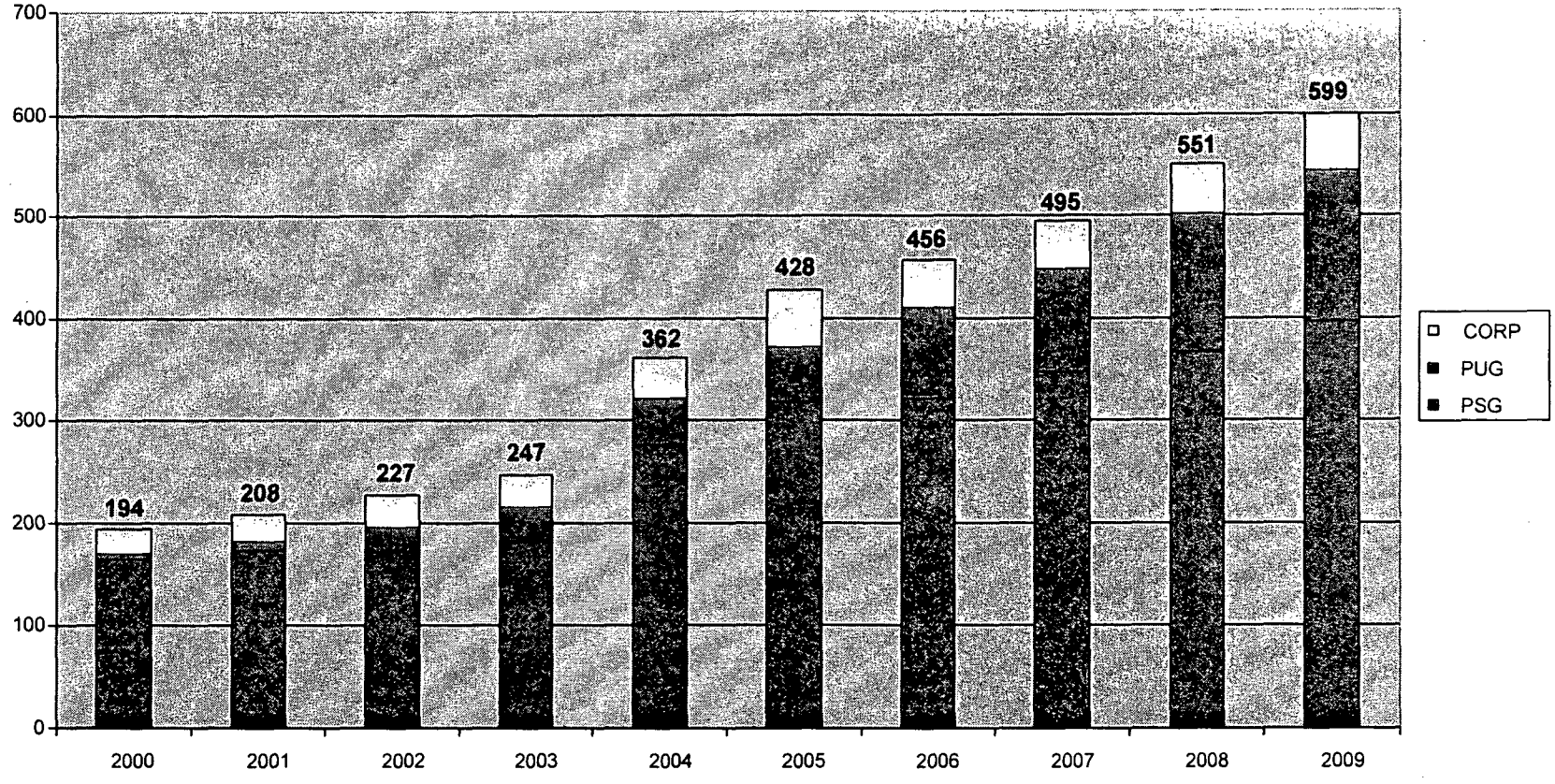
- Comprised of two business groups
  - Power Systems
  - Public Utility Systems
- Rapidly growing company
- Company functions
  - Sales of MELCO products in North America
  - Manufacturing of selected MELCO products
  - Project Management
  - Engineering Services
    - Power system studies and analysis
    - Power system simulator capabilities
    - Product line support
      - Training
      - Field service
      - Spare parts

MELCO and MEPPI Relationship



MEPPI Total Headcount

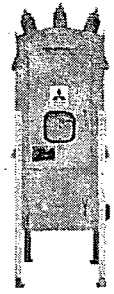
Number of Personnel



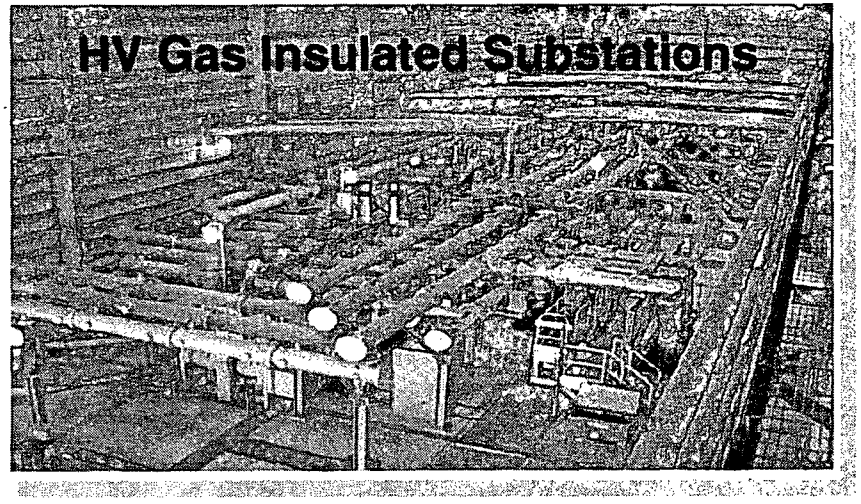
Number of Contract Workers Included	69.5	51.5	34.5	33.5	35.5

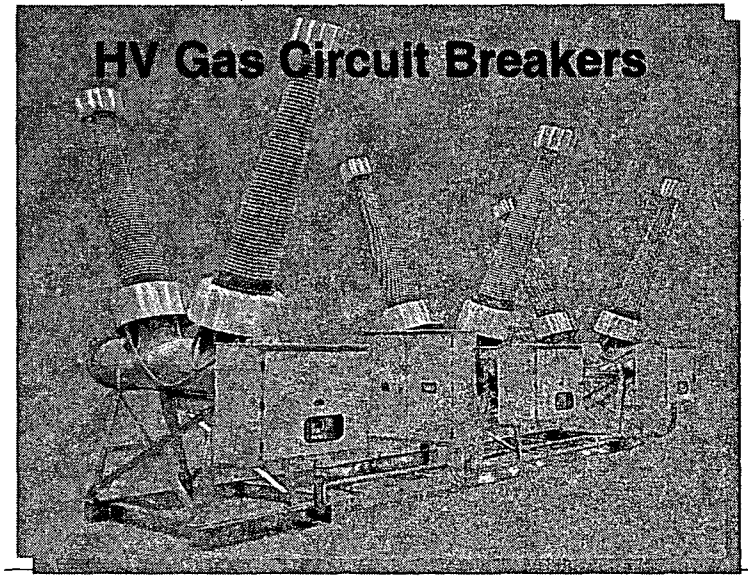
MITSUBISHI ELECTRIC
POWER PRODUCTS, INC.

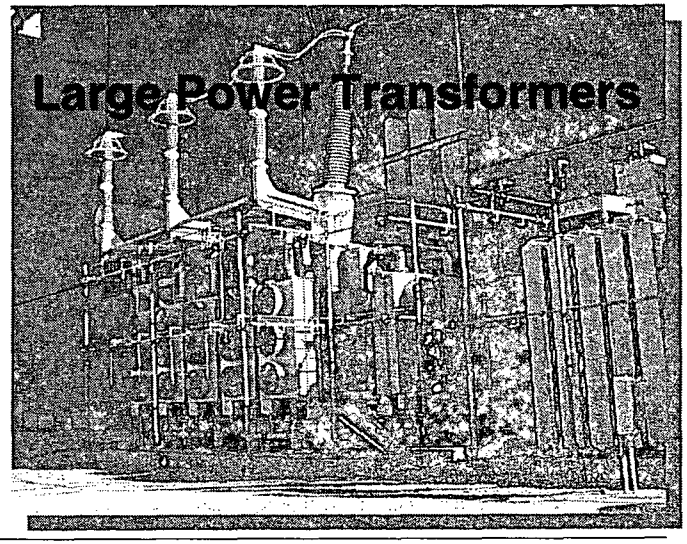
MEPPI - Power Systems Group (1/3)



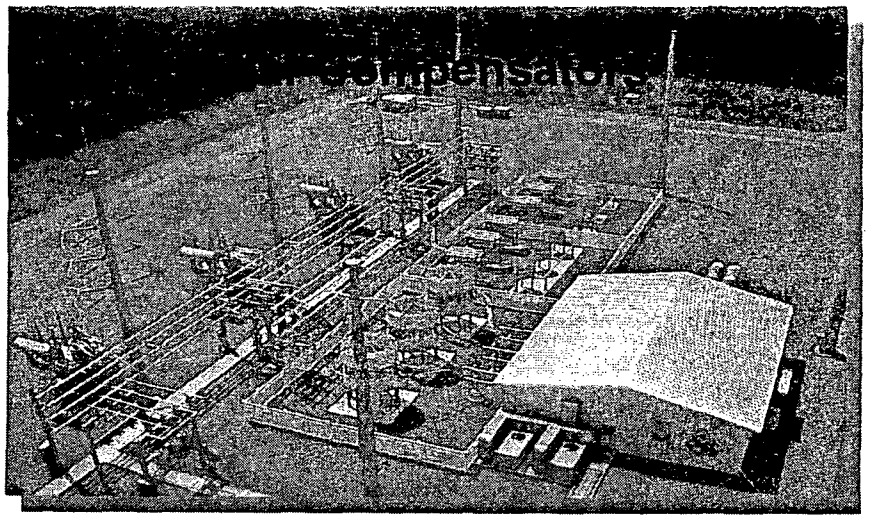
MV Vacuum Circuit Breakers

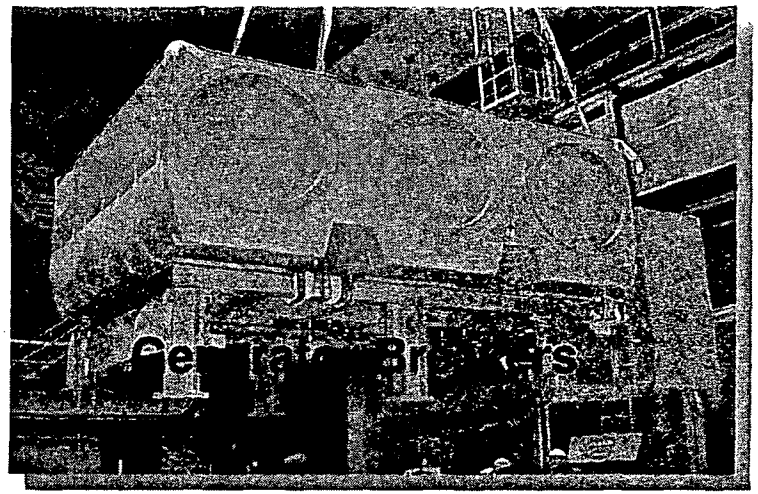


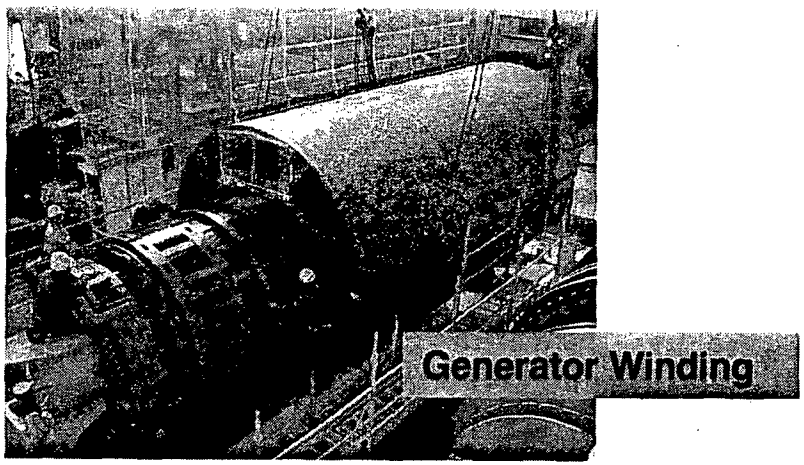


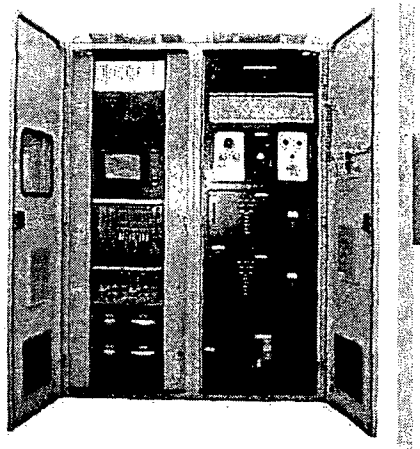


MEPPI - Power Systems Group (2/3)



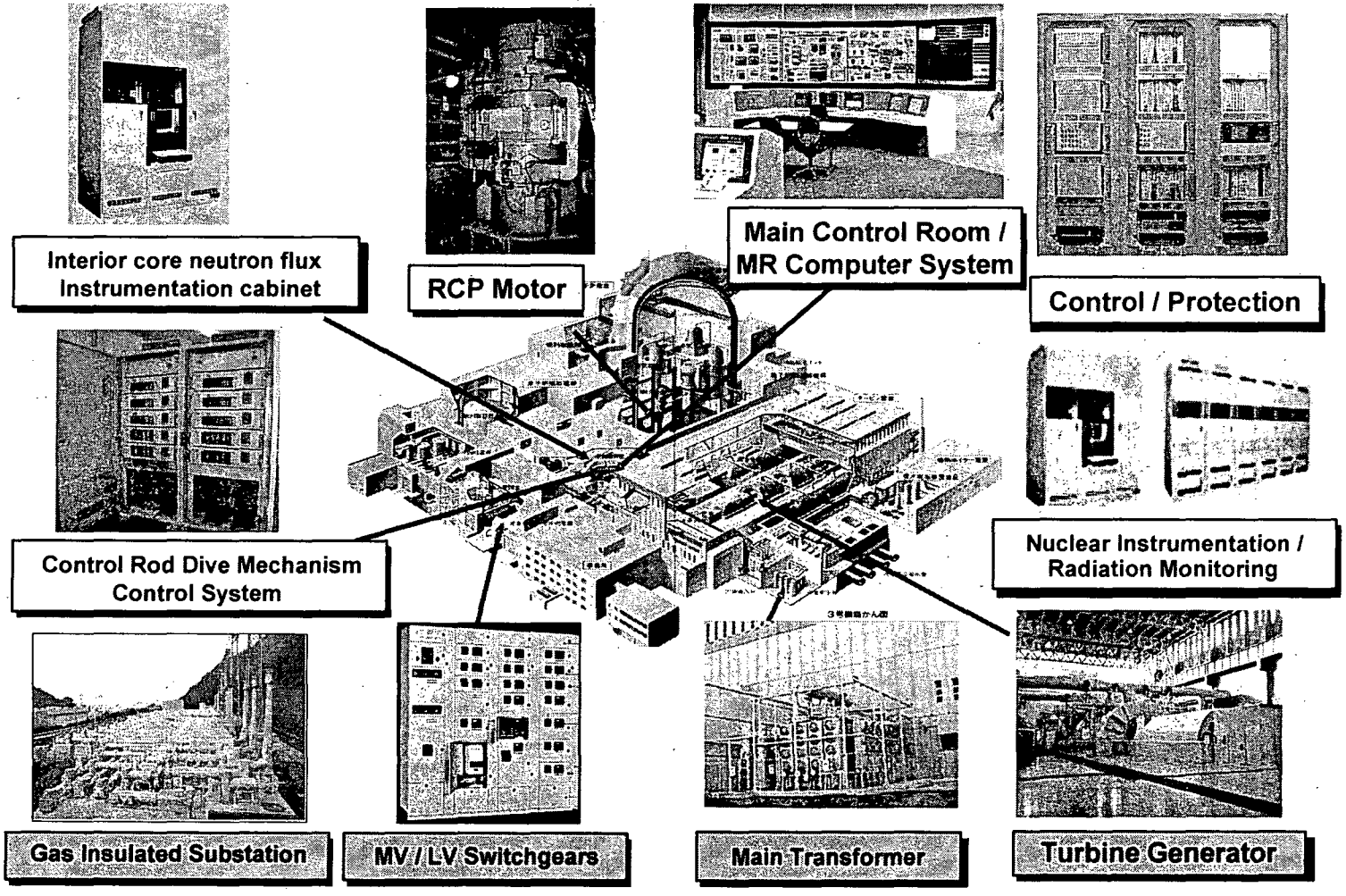




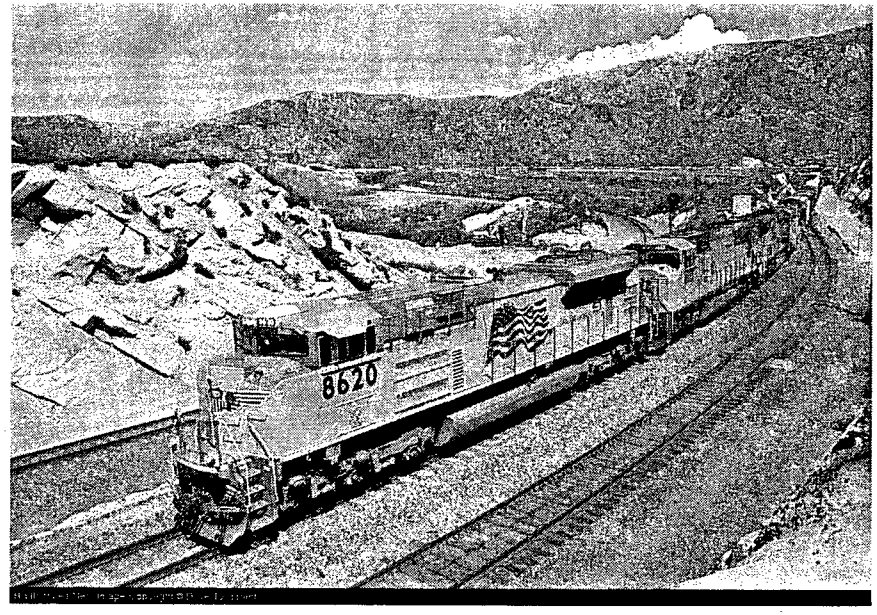


Digital Excitation Systems

MEPPI – Power Systems Group (3/3)

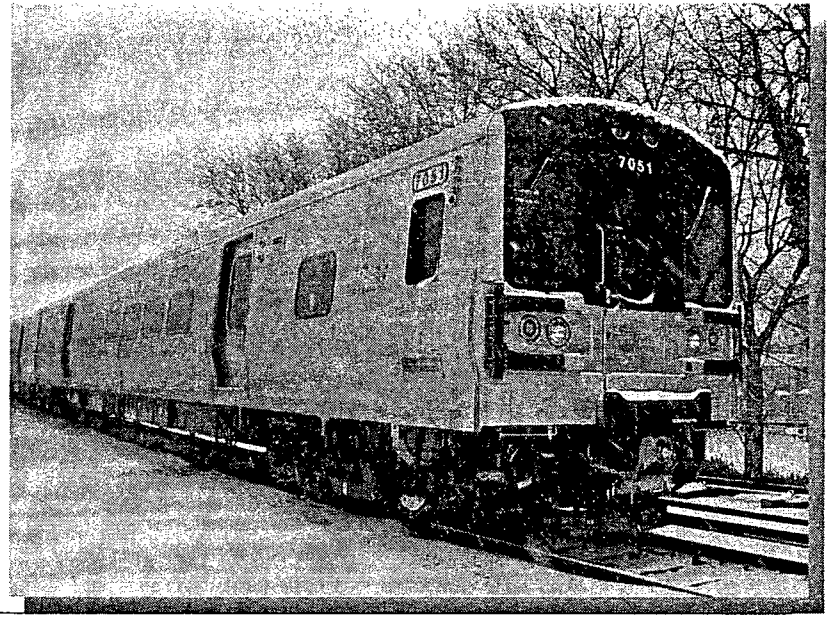


Public Utility Group (1/2)

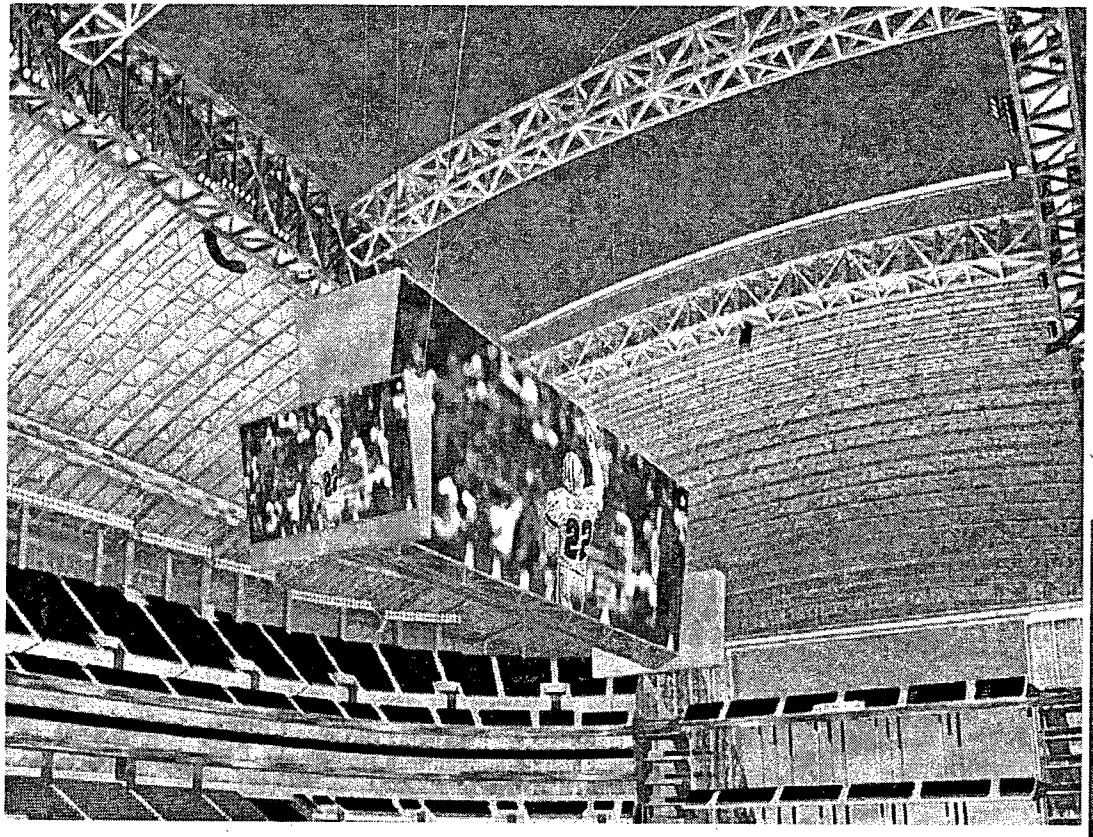


Rail Propulsion & Controls

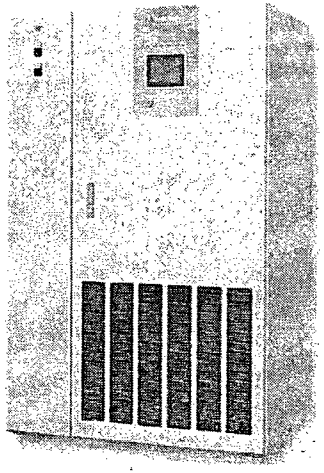
Rail HVAC



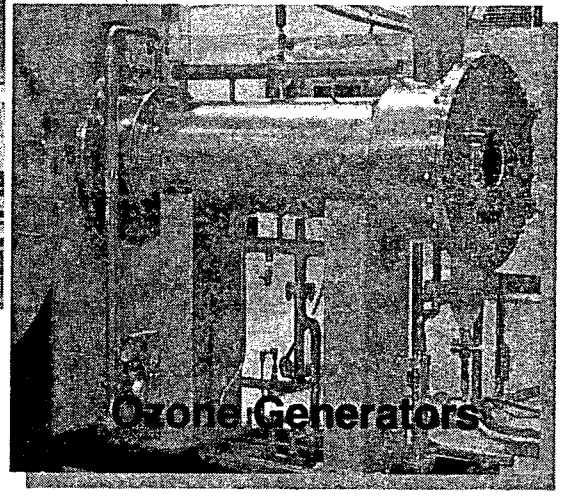
Public Utility Group (2/2)



Diamond Vision
Large LED Video Screens



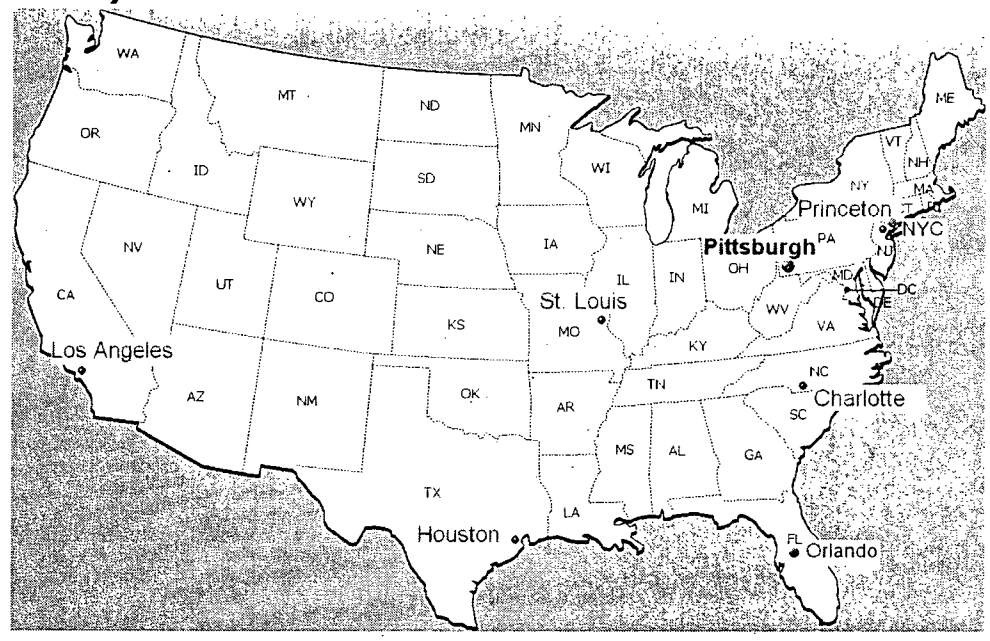
Uninterruptible Power Supplies (UPS)



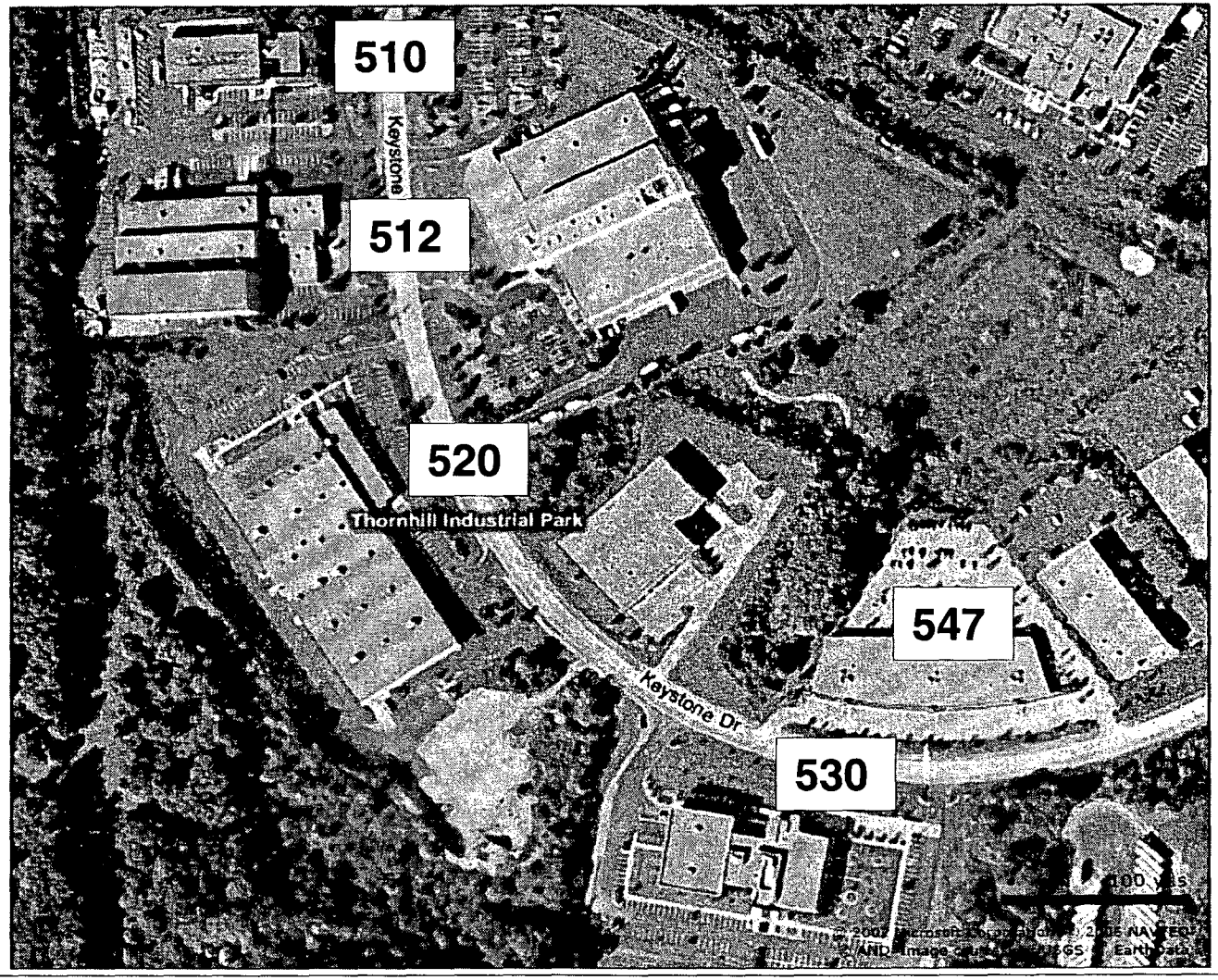
Ozone Generators

MEPPI Locations

- Headquarters & Factories - Warrendale, PA (near Pgh)
- Regional Sales Offices – Charlotte, Chicago, Dallas, Houston, Los Angeles, New York, Phoenix, Pittsburgh, Princeton, St. Louis, Tampa
- Other Offices –
  - New York (Transportation)
  - Orlando (Generation)



MEPPI Campus Near Pittsburgh



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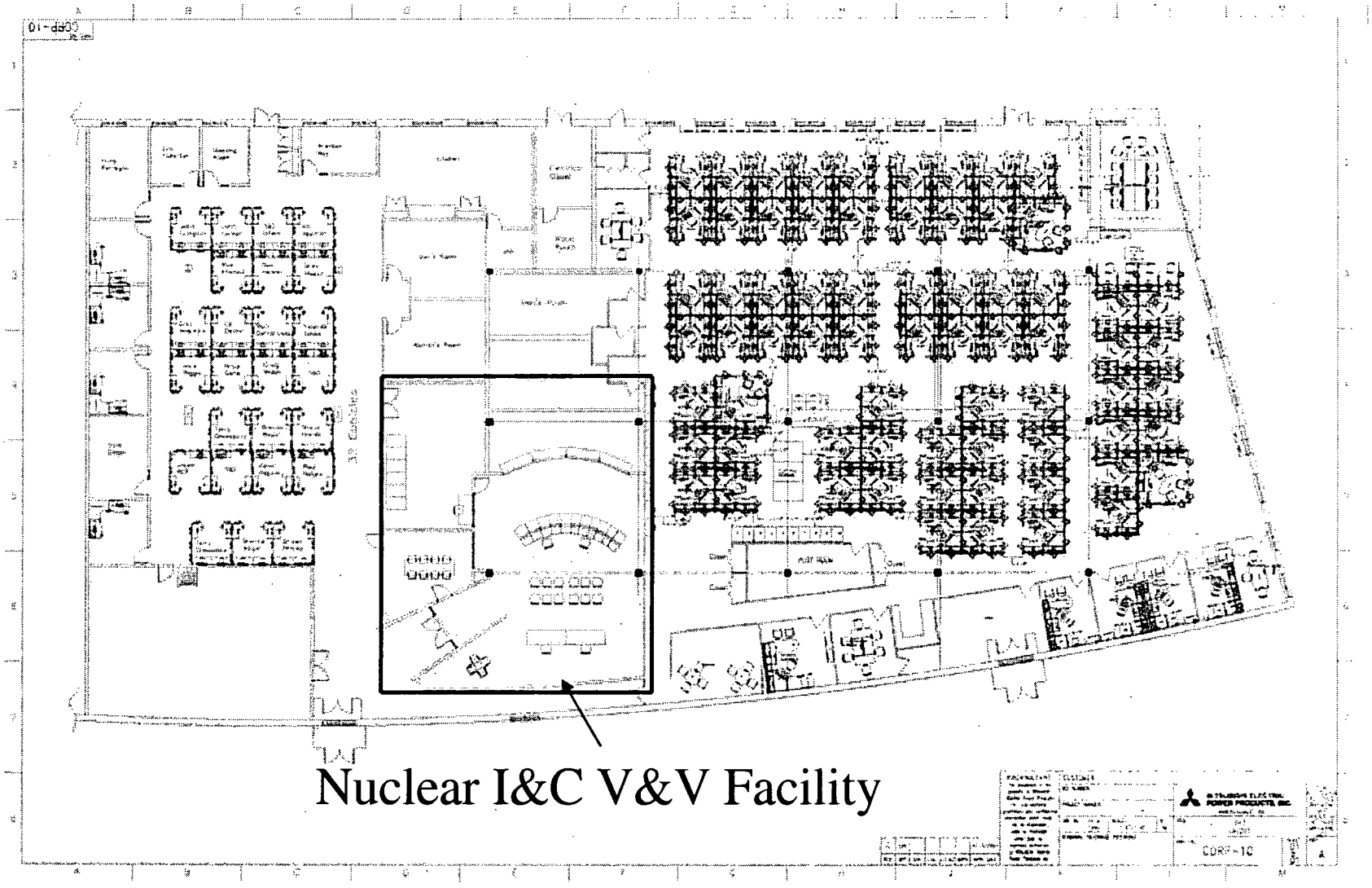
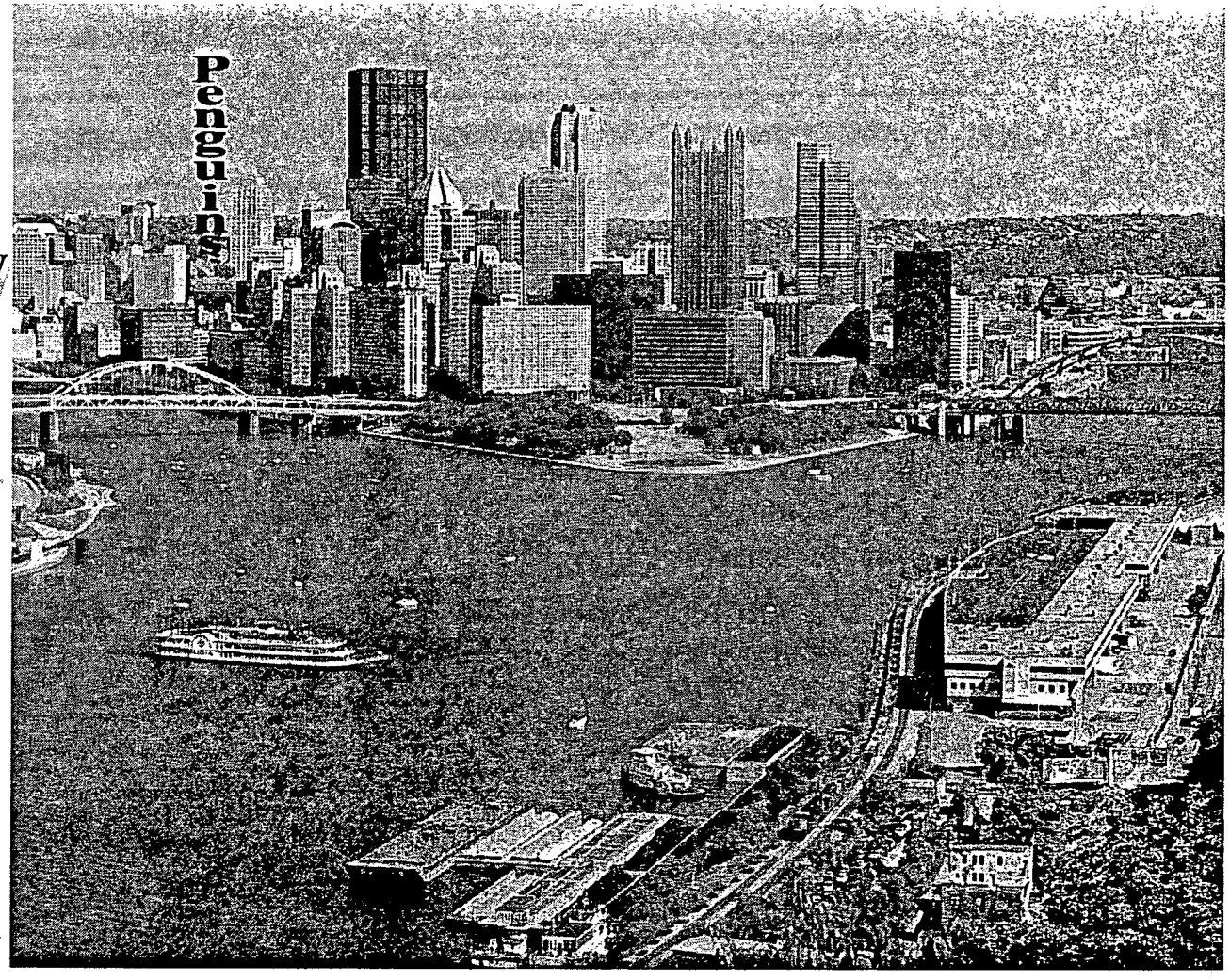
547 Building Layout



Nuclear V&V Facility at MEPPI

Questions?

National Aviary
Pirates
Steelers
Science Center
Casino



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