Large Power Transformers for Nuclear Power Plant Generator Step-Up Applications
Mitsubishi Electric Manufacturing and MEPPI Project Management with Local Support

Mitsubishi Electric is a worldwide leader in the technology of power transformers applied to nuclear power plants. More than 630 transformer units at or above 500kV have been produced including 53 Generator Step-Up (GSU) transformers presently installed on nuclear power generators. The transformer products of Mitsubishi Electric incorporate innovative thinking and customer-driven design with cost-efficient performance.

If you are facing an aging transformer fleet and are concerned about the reliability and power delivery of your nuclear plant, MEPPI can help. We would be glad to visit your facility to discuss transformer replacement options and our project management capabilities.

Plan to upgrade your nuclear station’s GSU transformer in advance and raise your generating plant’s reliability to the highest level of confidence. Mitsubishi Electric’s technologies and strong local MEPPI engineering and marketing support will be there whenever and wherever you need. Choose MEPPI.

The Ako works specializes in producing large MVA, high voltage shell-form transformers, and has vast experience in producing many of the world’s largest transformers. Some other notable figures about Ako include:

- Top 5 world manufacturer of large power transformers established in 1921, with production capacity of 33GVA per year
- Around 100 units have been supplied to U.S. customers in the past 6 years
- Ako works is recognized worldwide as one of the cleanest, most-advanced transformer factories in the world, and is ISO 9001 certified
- Very low failure rate
- Excellent on-time delivery record

Mitsubishi Electric Power Products, Inc. (MEPPI), located in Warrendale, PA, is responsible for all Mitsubishi Electric Corporations transmission and distribution electrical equipment in the U.S., including large power transformers. The primary point of contact between U.S. customers and our factories in Japan is the MEPPI office.

All technical and commercial communications would be handled by the MEPPI Substation Department — a fully staffed group of project managers, project engineers, project drafters, project purchasing, and accounting as well as other functions. A project manager is responsible for arranging and overseeing the local inland transportation and installation for the transformers in the USA.

A factory field service engineer is present for installation supervision of the transformer. A transformer application engineer is on staff to provide technical support, assist the project manager; make any necessary site visits, perform inspections, and handle customer’s service requests.