

# MASTER-LEE ENGINEERED PRODUCTS INC.

*The Master-Lee Engineered Products Flux Thimble Guide Path Flushing System offers you safe and effective cleaning of the guide paths.*

*To ensure smooth insertion and withdrawal of your flux thimble tubes through the guide path, efficient maintenance cleaning is recommended.*

The Flux Thimble Guide Path Flushing System includes everything you need to complete a safe and efficient flushing (with the flux thimble tubes removed):

Qty.	Description
1	15 GPM Diaphragm Pump
	1 Filter
Assembly	2 3/4 inch
Adapter	2 5/8 inch
Adapter	2 1 Micron Filter
Cartridges	1 Connecting
Hoses	1 Operating
Manual	

Master-Lee Energy Services also offers Flux Thimble Guide Path Flushing as a field service. Their specialized teams have an extensive background in performing this service at many nuclear stations throughout the world. For additional information, please call (800) 662-4493 and ask for Special Projects.

Powered by a 15 gpm air-operated diaphragm pump, primary coolant is used as a flushing agent in this closed loop filter system. After the initial 5-7 gallons of primary coolant (from cleaning the first guide path) is disposed, all remaining filtered/clean water is directed back to the reactor through a cleaned guide path. Ball valves and check valves are installed to ensure that only the correct guide paths are cleaned and/or used as a discharge path for the water. Other than the filter(s), no other radiological waste is generated.

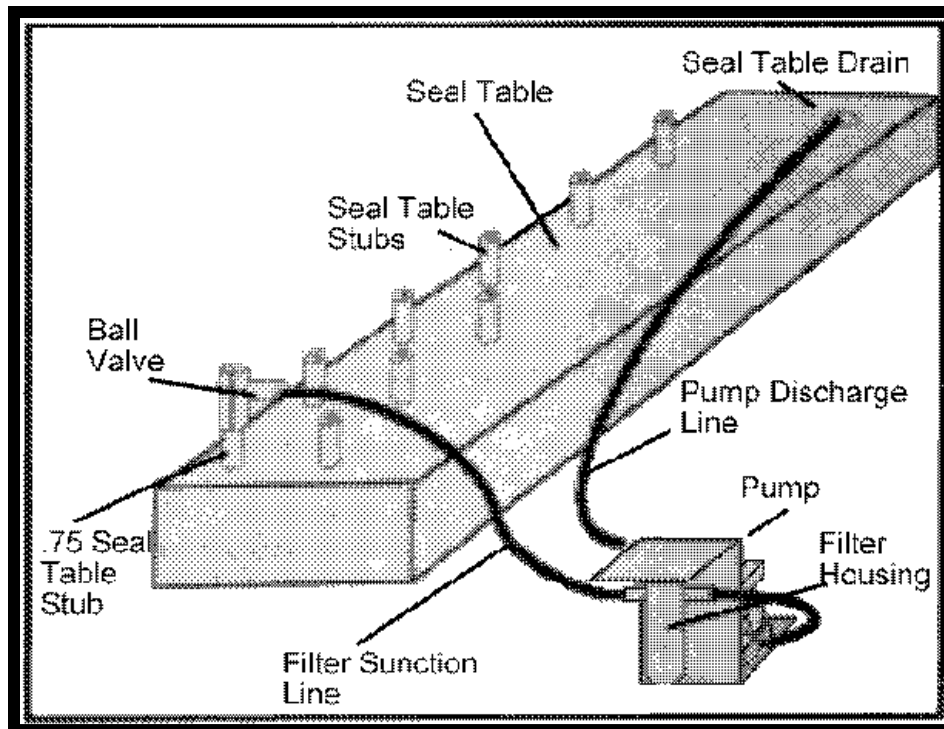
The system filter is housed in a spin-off canister to facilitate easy replacement of the filter. The pump has the capacity to filter contaminants down to the 1 micron size. Since the filter canister is made of high-strength transparent polypropylene, the operator can easily see when it's time to change the filter.

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## *EPI Guide Path Flushing System*

*The EPI Guide Path Flushing System is a practical system offering impressive results. EPI also offers maintenance and engineering solutions for all your flux thimble as well as other reactor maintenance needs.*



*For additional information  
contact Master-Lee EPI at:*

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