

# WATLOW IMMERSION HEATERS: WORRY-FREE RELIABILITY

NuSource and Watlow work together through a Strategic Teaming Agreement to provide worry-free electric heating solutions for nuclear power applications.

Since 1967, Watlow has delivered critical application heaters and technical support to the nuclear industry. By working together the NuSource / Watlow Team has the design the expertise and manufacturing knowledge to replace obsolete electric heaters that allow you to maintain EDG availability during startup.

## PERFORMANCE CAPABILITIES

### Lube Oil Heater

Purpose: The heater maintains the lubricating oil at or near the generator's normal operating temperature.

### Jacket Water Heater

Purpose: To protect the engine during startup, the thermostatically controlled immersion heater is energized when the engine is in standby mode. The heated coolant warms the cylinders and other engine components to minimize stress during initial operation.



### Replacing Obsolete Heaters

NuSource can prepare a new Certified Design Specification and supporting ASME Code Evaluations that justify Watlow heaters to replace your obsolete heaters.

### The NuSource Quality Assurance Program:

- ASME Section III "N" Stamp
- 10CFR50 Appendix B
- 10CFR 21
- ASME NQA-1
- ANSI N45.2



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