

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Waterside Power, LLC

)
)
)
Petition No. 836

Pre-Hearing Interrogatories
of the Connecticut Siting Council

February 28, 2008

Witness Responsible: Thomas E. Atkins

CSC 1-3 Identify maintenance milestones for the turbines at the proposed facility. Is there a point at which the turbine would have to be replaced?

Response: Maintenance inspections of the turbines are conducted after 500, 1,000, 4,500 and 8,000 hours of actual engine operation. At each inspection, repairs are made as required. Major maintenance milestones occur at 12,500 hours with an engine hot section repair/replacement and at 50,000 hours of operation with a complete engine overhaul.

Currently, the operating hours for Waterside Power's turbines are 497 hours for Unit #1, 1,122 hours for Unit #2 and 1,123 hours for Unit #3. The maximum annual operating hours for the turbines are limited to approximately 400 hours by the facility's air permit. Accordingly, at maximum operating hours, it would take approximately 28 years for Unit #2 and #3 to reach the 12,500 operating hour milestone.