

**PUB 2.0**

**(RE: p. 11 & 12 of 82) Thermal Plants Facility Rehabilitation (\$1,561,000)**

**PUB 2.2**

**Q. What is the normal expected life of a portable gas turbine, specifically that located at Port aux Basques? What would be the cost of replacing this turbine with a new unit of the same size?**

**A.** The portable gas turbine at Port aux Basques is 28 years old. The expected life of this type of unit under normal usage is approximately 35 years, depending upon the operating conditions. Recent inspections have determined that the major components of the Port aux Basques gas turbine are in good condition. This is attributed to low usage of the unit, and an effective program of inspections and maintenance. The work planned for 2003 is expected to extend the life of the unit for another fifteen years.

The cost to replace this gas turbine with a new unit of the same size is estimated to range from approximately \$7.5 million to \$9.0 million.