

UNDERTAKING J7.3

Undertaking

To provide names of plants that have been dismantled, their size and, if possible, the costs involved.

Response

Information provided by TLG Services, OPG's consultant for decommissioning estimates, at year end 2007 indicates that there are ten commercial reactors in the United States that have recently completed or are undergoing active decommissioning. Of the ten commercial reactors, TLG Services has provided summary information on the three single unit reactors noted below which have essentially completed decommissioning. Note that costs quoted are in 2005 Canadian dollars and exclude costs associated with spent fuel management and management of nuclear waste generated by decommissioning.

- 1) Trojan – Oregon – 3,411MWt – \$365M
- 2) Maine Yankee - Maine – 2,700MWt - \$469M
- 3) Rancho Seco – California – 2,772MWt - \$634M

OPG nuclear stations range in size from 1,750 to 2,800 MWt per unit within 4 unit stations with estimated costs averaging approximately \$400M / unit in 2005 Canadian dollars excluding waste management costs.

The US station data is based on information provided by owners of these reactors to the US Nuclear Regulatory Commission. There is no standard reporting format and costs reported are based on cost allocations unique to the owners. TLG Services has used information reported by these station owners to maintain their decommissioning cost estimate database.

Note that station data shown above is in MW thermal (MWt); MW electrical is 30% of MW thermal.