Further, in reference to Schedule "B", page 18 of 82 – rebuild substations at a project cost of $557,000:

Q. In reference to the Trepassey Substation upgrade, please provide the reasons why an upgrade is necessary in the Trepassey Substation. Please provide the number of consumers served by Newfoundland Power in Trepassey. Please provide the engineering reports and studies which show the requirement of an expenditure of $150,000 for site and foundation upgrades in Blaketown, Clarenville and St. John's main substations and the "others" identified and not specified in that project cost.

A. The Trepassey Substation serves approximately 675 customers. On occasion, it has been necessary to install portable generation at the Trepassey substation to minimize outage duration. The original substation yard was not built to accommodate the installation of a portable generator. In order to ensure the continued safety of workers and the general public, the yard must be enlarged to provide proper clearances for the portable generator.

There are no specific engineering reports or studies completed in relation to the proposed expenditures for site and foundation upgrades at Blaketown, Clarenville and St. John's Main Substations. The proposed expenditures for Blaketown Substation are required to construct an access road to the substation. Recent reconstruction of the Trans Canada Highway near the Whitbourne interchange make it illegal to turn left when entering the substation driveway. As a result, Company personnel have to drive an additional 20 kilometres to use the next interchange in order to reach the substation. The new road will provide quick access to the substation during power interruptions. The forecast cost for this project is $75,000.

The proposed expenditures for the Clarenville Substation are required to replace a deteriorated concrete pad supporting a substation structure. Attachment A contains a photograph of the deteriorated pad. The forecast cost for this project is $5,000.

The proposed expenditures for the St. John's Main Substation are required to refurbish two metal buildings housing the substation switchgear. The buildings are approximately 25 years old and are in a deteriorated condition. Attachment B contains photographs of the building's condition. The forecast cost for this project is $30,000.

Please refer to the Company's response to CA-20 (b), Attachment F, for a copy of a report related to site and foundation work to be completed at other substations. The specific location of other substations to be upgraded under this category will be based on site assessments completed as part of this report.