

1 Q. **Reference: Application, Attachment 1, Page 18, Lines 18 - 22**

2 Please provide any condition assessment reports completed by or for Hydro on the existing
3 diesel plants in St. Lewis, Mary's Harbour and Port Hope Simpson.

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6 A. No formal condition assessment reports have been completed on the Mary's Harbour or Port
7 Hope Simpson plants. Below are the findings related to St. Lewis from a 2009 condition
8 assessment report completed by Hatch on ten diesel plants.

9 **Condition Assessment Findings: St. Lewis Diesel Generating Station, Labrador**

- 10 ● Clearance around equipment – Acceptable, no issues found.
- 11 ● Adequate work areas – The workshop appeared to be slightly undersized. There was more
12 than adequate laydown/work area in the generator hall.
- 13 ● Available wall space – There was more than adequate wall space.
- 14 ● Lighting type/levels – Acceptable, no issues found.
- 15 ● General plant noise – Noise levels in plant were at acceptable levels. Noise levels in other
16 areas were low.
- 17 ● Ventilation – Temperature was moderate to high outside during time of visit; however plant
18 was relatively cool.
- 19 ● Storage – Storage area in plant was generally inadequate. Control room and work area
20 appeared cluttered due to lack of storage.
- 21 ● Availability/condition of office – Acceptable, no issues found.
- 22 ● Availability/condition of lunchroom – Acceptable, no issues found.
- 23 ● Availability/condition of washroom facilities – Acceptable, no issues found.
- 24 ● Building height – Adequate room above crane bridge for air flow.

- 1 ● Lifting devices – Electric hoist with electric trolley overhead crane was acceptable.
- 2 ● Conduit, cable and cable tray – Acceptable, no issues found.
- 3 ● Fire alarm system – Acceptable, no issues found.
- 4 ● Egress – Meets code requirements.
- 5 ● Exit and emergency lighting – Re-align lamps so they illuminate the floor, to meet NBC
- 6 (National Building Code) requirements.
- 7 ● Building envelope – Excellent condition.