

1 Q. Explain the significance of the comment in the green shaded block of the chart
2 found at page 4 of Appendix A where it is stated "weekly online test program does
3 not catch issue since at least November 26, 2009". Include in the explanation the
4 following:

5

6 i. What is the "issue" being referred to?

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8 ii. How was the date November 26, 2009 determined as the date from which
9 "at least" the issue was not caught?

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11 iii. Could the issue have been caught from a date earlier than November 26,
12 2009?

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15 A. i. The issue in question is the fact that the weekly test (carried out when the
16 primary AC lube oil pump is in service with unit operating) does not require
17 the monitoring of lube oil pressure. The test as of January 11, 2013 met the
18 recommended original equipment manufacturer guidelines. As such, a
19 review of the test data from the plant Distributed Control System (DCS) data
20 storage system showed that the lube oil capacity issue has existed as far
21 back as November 26, 2009. This is the earliest test data that can presently
22 be seen in the data that is available in the latest software version of the DCS
23 data storage system.

24

25 ii. The data storage goes back as far as the fall of 2009. Based on this,
26 November 26, 2009 is the earliest test that can presently be analyzed
27 showing the lube oil capacity issue when the DC lube oil pump is started in

- 1 concert with the primary AC pump. Hydro is currently analyzing its available
- 2 data prior to this time.
- 3
- 4 iii. Without the revised testing, this issue would not have been discovered.